APPENDIX H.4
QCSR FOR OUTFALL AREA SAMPLES

DRAFT QUALITY CONTROL SUMMARY REPORT FOR OUTFALL AREA SEDIMENT SAMPLES
FALL 2009 SEDIMENT SAMPLING PROGRAM

PALOS VERDES SHELF (OU 5 OF THE MONTROSE CHEMICAL CORP. SUPERFUND SITE)
LOS ANGELES COUNTY, CALIFORNIA

EPA Contract EP-S9-08-03
Task Order 0029

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LIST OF ACRONYMS AND ABBREVIATIONS

ADR	automated data review
ASTM	ASTM International
°C	degrees Celsius
Calscience	Calscience Environmental Laboratories, Inc.
CCV	continuing calibration verification
COC	chain of custody, chemical of concern
cm	centimeter(s)
CRDL	contract-required detection limit
DPH	Department of Public Health
DQO	data quality objectives
ELAP	Environmental Laboratory Accreditation Program
EPA	United States Environmental Protection Agency
FSP	Field Sampling Plan
GC/MS	gas chromatography/mass spectrometry
ICV	initial calibration verification
ITSI Gilbane	ITSI Gilbane Company
JWPCP	Joint Water Pollution Control Plant
LACSD	Sanitation Districts of Los Angeles County
LCS/LCSD	laboratory control sample/laboratory control sample duplicate
MB	method blank
MDL	method detection limit
MRL	method reporting limit
MS	matrix spike
MSD	matrix spike duplicate
MS/MSD	matrix spike/matrix spike duplicate
NELAP	National Environmental Laboratory Accreditation Program
OU	operable unit
PARCC	precision, accuracy, representativeness, completeness, comparability
PCB	polychlorinated biphenyls
PV	Palos Verdes
QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
QC	quality control
QCSR	Quality Control Summary Report
QL	quantitation limit
QRT	qualified results table
RPD	relative percent difference
SDG	sample delivery group
SIM	selected ion monitoring
SVOCs	semi-volatile organic compounds
Synectics	Synectics, Inc.
TOC	total organic carbon

1.0 INTRODUCTION

ITSI Gilbane Company (ITSI Gilbane), prepared this Quality Control Summary Report (QCSR) on behalf of Region 9 of the United States Environmental Protection Agency (EPA), as part of the pre-design investigation being conducted for Palos Verdes (PV) Shelf (Operable Unit [OU] 5 of the Montrose Chemical Corporation Superfund Site), Los Angeles County, California. ITSI Gilbane is conducting the pre-design investigation at PV Shelf under EPA Contract EP-S9-08-03, Task Order 0029, as part of EPA's response actions for Montrose OU 5.

As part of the pre-design investigation, ITSI Gilbane is performing chemical testing of sediment samples to support: (1) a baseline monitoring program along the entire PV Shelf study area; and (2) an outfall area characterization program, focused on the portion of PV Shelf near outfall diffusers operated by the Sanitation Districts of Los Angeles County (LACSD).

Sediment cores for the pre-design investigation were collected during October 2009. This QCSR addresses chemical data generated from tests of slices of the sediment cores that were collected from the outfall area. The outfall area core slices were produced during a cutting event conducted in November 2009. A subsequent QCSR will address chemical data generated from tests of slices of baseline cores that were produced during the November 2009 cutting event and a second cutting event conducted in February 2010.

This QCSR reconciles the chemical data with the project data quality objectives (DQOs) for the outfall area sediment sampling, as presented in the Quality Assurance Project Plan (QAPP; ITSI Gilbane, 2013).

2.0 ANALYTICAL PROGRAM

ITSI Gilbane, in coordination with EPA, selected Calscience Environmental Laboratories, Inc. (Calscience), Garden Grove, California, as the chemical testing laboratory for the sediment sampling program being conducted as part of the pre-design investigation. Calscience is certified as an environmental testing laboratory under the Environmental Laboratory Accreditation Program (ELAP) administered by the California Department of Public Health (DPH). (As of July 1999, the National Environmental Laboratory Accreditation Program [NELAP] has recognized ELAP to be the NELAP Accrediting Authority for California).

Sediment sample analyses were conducted in accordance with the requirements specified in the following guidance documents:

- *Test Methods for Evaluating Solid Waste, SW-846 Physical/Chemical Methods* (U.S. Environmental Protection Agency [EPA], 1996 and subsequent updates)
- ASTM Standard D2216-05, 2005, *Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass*, ASTM International, West Conshohocken, Pennsylvania, 2003, DOI**:** 10.1520/D2216-05, www.astm.org
- Quality Assurance Project Plan (QAPP; ITSI Gilbane, 2013).

The specific analytical methods used for this project are listed below.

- Pesticides (DDTs) by EPA Method 8270SIM
- Polychlorinated biphenyl (PCB) congeners by EPA Method 8270SIM
- Total organic carbon (TOC) by EPA Method 9060 Modified
- Percent moisture by ASTM D2216-05.

Analytical data were reviewed and validated by Synectics, Inc. (Synectics), Sacramento, California, following procedures specified in the QAPP (ITSI Gilbane, 2013). Synectics used using an automated data validation system augmented by manual review.

One hundred percent of the analytical data was subjected to data review using the quality control (QC) elements listed below.

- Technical holding times and temperature compliance
- Method blank contamination
- Field blank contamination
- Laboratory control sample/laboratory control sample duplicate (LCS/LCSD) accuracy and precision
- Matrix spike/matrix spike duplicate (MS/MSD) accuracy and precision
- Surrogate recovery
- Sample duplicate precision.

Approximately 10 percent of the analytical data was subjected to full validation using additional QC elements listed below.

- Initial calibration
- Initial and continuing calibration verifications (ICVs and CCVs)
- Internal standard and system performance
- Analyte identification and quantitation
- Raw data including chromatograms (to check for correct transcription, interpretation, and compound identification).

An automated data review (ADR) report was produced for each data package received from the laboratory. Full data validation reports were produced for four of the 42 data packages, representing approximately 74 of the 467 samples, or 16 percent of the data. This meets the QAPP-specified goal that 10 percent of the data set be subjected to full validation (ITSI Gilbane, 2013). All ADR and validation reports are included in Appendix H.4.1. Laboratory reports are available upon request.

2.1 QUALIFIED RESULTS

Data qualifiers were initially defined in Table 5 of the QAPP (ITSI Gilbane, 2013). The following qualifiers have been applied as necessary to the data for PV Shelf. Final electronic

data deliverables and qualified results tables (QRTs) contain the following validation data qualifiers and descriptors: "J" denotes that the analyte was positively identified; the quantitation is an estimate.

- "U" indicates that the analyte was not detected.
- "UJ" denotes that the analyte was not detected above the method reporting limit (MRL); the MRL is estimated.
- "R" denotes that the result was rejected and the data is not useable for its intended purpose.

A qualifier or descriptor may be applied to a result for more than one reason. For example, a result for an analysis that was performed beyond the allowed holding time, and thus qualified as "J," may also be qualified due to an identified problem with the instrument calibration. The following sections discuss the quality of the data and reasons for qualifications.

2.1.1 Estimated Results

Out of 22,848 total results reported for the outfall area investigation, 2,787 results were qualified as estimated for quantitation issues (e.g., result less than the MRL). A total of 141 results were qualified due to accuracy anomalies. A total of 1,080 results were qualified due to precision anomalies. The estimated compounds are listed in the QRTs found in the ADR and validation reports (Appendix H.4.1).

2.1.2 Rejected Results

Out of 22,848 total results reported for the outfall area investigation, five results were rejected due to matrix spike recoveries and spike percent differences that exceeded control limits. The rejected compounds are listed in the QRTs found in the ADR and validation reports (Appendix H.4.1).

2.2 ESTIMATED LOW CONCENTRATIONS

Calscience reported sample results to the respective method detection limits (MDLs). Any sample result detected between the MDL and the MRL was qualified as estimated (J) by the laboratory because of the increased quantitative uncertainty in the result as the concentration of the analyte approaches the MDL. A total of 2,787 results were qualified as estimated due to

concentrations measured between the MDL and the MRL. These results were flagged "J" by the data reviewer; the values are presented in the QRTs (Appendix H.4.1).

Qualification of results as estimated due to low concentrations of analytes is expected due to the sensitivity of the analytical methodology used and the low concentrations of many analytes. Qualification for low concentrations is not due to method performance or analytical program issues. Results remain usable with qualification, and data usability is not affected.

2.3 HOLDING TIMES

All samples were analyzed within the QAPP-specified holding times (ITSI Gilbane, 2013).

2.4 CALIBRATION

The initial and continuing calibration summaries were evaluated in those sample delivery groups (SDGs) undergoing full validation. Out of 2,052 total results evaluated, 28 results were qualified due to initial or continuing calibration verification anomalies.

2.5 LABORATORY BLANK CONTAMINATION

Method, preparation, and calibration blanks were analyzed for each method to monitor possible laboratory contamination. During the testing of outfall area samples, the laboratory identified a contamination issue with the analysis of PCBs, possibly affecting the results for PCB congener 156. All affected samples with sufficient remaining volume were re-extracted and re-analyzed. Affected samples without sufficient volume were reported with a "B" qualifier from the laboratory, indicating blank contamination. Thirty six sample results (representing less than 0.2 percent of the results) were qualified due to blank contamination by PCB 156. These results were flagged during the data validation process in general accordance with procedures set forth in the QAPP (ITSI Gilbane, 2013), as follows:

- In cases where the blank result was less than or equal to the MRL, the sample result was flagged "U" (reported as non-detected) at the MRL.
- In cases where the blank result was greater than the MRL, AND the sample result was less than five times greater than the blank result, the sample result was flagged "U" (reported as non-detected) with the MRL set at the blank result concentration.
- Regardless of the first two cases, in cases where the sample result was

greater than five times the blank concentration, the result was not qualified or flagged.

The qualified results are found in the QRT in each ADR report (Appendix H.4.1).

2.6 LABORATORY CONTROL SAMPLES AND LABORATORY CONTROL DUPLICATES (LCS/LCSDS)

Laboratory control samples (LCSs) are synthetic samples spiked with chemicals of concern (COCs) and prepared and analyzed in the same procedure as primary project samples. LCS/LCSDs are analyzed at the frequency specified in the methods, and are used to further monitor the analytical process and to provide a measurement of accuracy (and precision, if LCSDs are included). LCSs were reported with each analytical method, with the exception of percent moisture. Out of 22,848 total analytical results of outfall area sediment samples, no results were qualified due to LCS precision or accuracy anomalies.

2.7 MATRIX SPIKES AND MATRIX SPIKE DUPLICATES (MS/MSDS)

MS/MSDs are project samples spiked with COCs and prepared and analyzed in the same procedure as primary project samples. MS/MSDs are used to monitor the accuracy and precision of the analytical process. The QAPP (ITSI Gilbane, 2013) stipulates that one in 20 primary project samples should be selected for matrix spike (MS) analysis, representing a five percent frequency. A total of 76 project MS/MSD pairs were reported for the 358 primary samples generated from outfall area cores. The QAPP frequency goal of one MS/MSD pair for a maximum of 20 primary project samples was met for each method (ITSI Gilbane, 2013).

Out of 22,848 total sample results, 113 results were qualified as estimated (J) or at an estimated MRL (UJ) due to MS accuracy or precision failures. Five results were rejected due to MS accuracy or precision failures.

2.8 LABORATORY SAMPLE DUPLICATES

Laboratory sample duplicates are samples prepared by the laboratory from a second aliquot of a primary sample. These samples are analyzed using the same procedure as primary project samples. Laboratory sample duplicates are used to monitor laboratory analytical precision. In the absence of a matrix spike duplicate (MSD), the sample duplicate is prepared at a frequency

of one per 20 primary project samples, representing a five percent frequency. Out of 22,848 total sample results, no results were qualified due to sample duplicate precision anomalies.

2.9 INSTRUMENT PERFORMANCE CHECKS

In those SDGs undergoing full validation, the gas chromatography/mass spectrometry (GC/MS) instrument tunes and the internal standard recoveries in the project and QC samples were reviewed for the PCB and DDT analyses. There were no anomalies observed.

2.10 SURROGATES AND INTERNAL STANDARDS

Surrogate compounds and internal standards are control compounds used to monitor the analytical process as specified in the EPA methodology. Surrogates were reported for all methods as applicable. Out of 22,848 total results reported, no results were qualified due to surrogate anomalies.

2.11 ANALYTE IDENTIFICATION AND QUANTITATION

MRLs and MDLs were reported for all methods. Results were reported to the laboratory's MDL. The MRLs for both DDTs and PCBs met the project objectives and achievable quantitation limits (QLs) stipulated in the QAPP (ITSI Gilbane, 2013) before corrections for dilutions and percent moisture. The MRL for TOC at 0.05 percent was above the achievable QL of 0.01 percent, but was well below the project objective of 0.1 percent. Data usability is not significantly affected.

Out of 22,848 total results reported, 2,787 results (12 percent of the data) were reported above the MDL but below the MRL. These results were flagged "J" by the laboratory to indicate that these results are estimated values. The estimated compounds are listed in the QRTs found in the ADR reports (Appendix H.4.1). The estimated results remain useable, with qualification. Data usability is not significantly affected.

3.0 FIELD PROCEDURES

Field work was performed and 16 through 20 November 2009. Sediment cores were collected from 14 October through 20 October 2009, with support from LACSD, including the use of the LACSD vessel *Ocean Sentinel,* vessel crew, and sample coring staff. A total of 69 cores were collected; cores were collected at 34 locations for the baseline sampling program, with three replicate cores, and 25 locations for the outfall area sampling program, with seven replicate cores.

The cores were collected at sea on board the *Ocean Sentinel*, frozen, transported to LACSD's Joint Water Pollution Control Plant (JWPCP), Carson, California, and stored in a freezer. All cores collected from the outfall area were cut into slices during the November 2009 cutting event; the slices were submitted to Calscience for chemical testing. Details of the physical aspects of sediment sampling are presented in the Field Sampling Plan (FSP); quality assurance/quality control (QA/QC) procedures for testing are described in the QAPP (ITSI Gilbane, 2013).

3.1 SAMPLE SHIPMENT, STORAGE, AND HANDLING

As the cores were collected, they were cooled immediately on the vessel. On 16, 17, 18, 19, and 20 November 2009, frozen cores were retrieved from the JWPCP deep freezer and cut into 2-centimeter (cm; 0.8-inch)-thick slices by JWPCP laboratory staff, in accordance with the methods described in the FSP (ITSI Gilbane, 2013). Core slices were immediately returned to the deep freezer at JWPCP. ITSI Gilbane arranged for Calscience to pick up the slices on the next working day; at that time, the core-specific and laboratory-specific chain of custody (COC) forms were filled out to record the slices to be tested, any compositing instructions, and what tests were to be performed. The frozen samples were transported in coolers under proper COC and received by the laboratory on 17, 18, 19, 20, and 30 November 2009 (the slices generated on 20 November 2009 were held at JWPCP until 30 November 2009 due to limited freezer space at Calscience).

When the coolers were opened at the laboratory, the cooler head space temperatures were noted on the COC. All temperatures were between 1.5 and 3.1 degrees Celsius (°C). Slices were immediately transferred to the freezer at Calscience and entered into the laboratory's data system. For the outfall area samples, no results were qualified due to improper shipment or storage.

3.2 FIELD REPLICATES

As previously stated, replicate cores were collected at seven locations for the outfall area program. A total of 358 primary samples and 109 field replicate samples were tested. For primary samples with associated replicates, relative percent differences (RPDs) were evaluated for positive results greater than the MRL. Sample results with RPD values outside of the QAPP control limit of 50 percent were flagged "J" to indicate an estimated result. The qualified results are found in the QRTs in the ADR reports (Appendix H.4.1). Field replicate results are presented in Appendix H.4.2.

3.3 FIELD DEVIATIONS OR CORRECTIVE ACTIONS

The only deviations from the QAPP or FSP (ITSI Gilbane, 2013) were the following laboratory variances/corrective actions:

- Before testing was initiated, Calscience requested a variance for the previously noted change in MRL for TOC (from 0.01 percent to 0.05 percent). This variance was granted with concurrence from the EPA.

- In addition, Calscience requested a variance for the batch QC procedure for TOC. Table 3 of the QAPP requires that a method blank (MB) be prepared and a CCV be performed for every ten samples, and that a contract-required detection limit (CRDL; EPA, 2008) be run. Calscience requested that the frequency of the MBs and CCVs be reduced to every 20 samples, and that the CRDL be eliminated. These variances were also granted, with concurrence from the EPA.

- In December 2009, Calscience identified a contamination issue affecting the PCB analysis of 368 samples, contributing to the results found for PCB congener 156. A silicone-based phase separation paper was used in the final filtration step (prior to extract concentration) which was found to contribute a contaminant with a similar ion pattern as PCB 156. This pattern was not seen in the method blanks. Investigation into this anomaly revealed that the method blanks did not undergo filtration through the phase-separation paper. Corrective action was initiated which included re-extraction of affected

samples and batch QC, ensuring that method blanks were handled in the same manner as the primary samples. In addition, laboratory personnel were retrained in proper laboratory procedures.

4.0 CONCLUSIONS AND DATA USABILITY

ITSI Gilbane and EPA selected the analytical methods used for this project to provide quality data sufficient to meet DQOs and project sensitivity requirements. DQOs were reviewed in terms of PARCC parameters (precision, accuracy, representativeness, completeness, and comparability). The PARCC parameters are discussed below.

4.1 QUALITY CONTROL SAMPLES

Field QC samples for this project included a replicate sample for each method. The replicates were collected as specified in the FSP. Laboratory QC included precision and accuracy in the form of analysis of MS/MSDs, LCS/LCSDs, and surrogates at the frequencies specified in the methods listed in Section 2.0 of this QCSR.

Precision: Precision is a measure of the repeatability of a single measurement. The precision of the dataset was assessed by the RPD between duplicate samples (e.g., field replicate samples or spike duplicate samples). Out of 3,890 results qualified as estimates (J or UJ) for the outfall area cores, 1,080 were qualified due to laboratory sample or field replicate RPD values exceeding QC criteria. Two results were rejected due to MS/MSD RPD values exceeding QC criteria. The estimated results remain useable with qualification. The rejected results are not useable.

Accuracy: Accuracy is a measure of recovery of the actual concentration of a compound. The accuracy of the data set was assessed by the surrogate, ICV/CCV, MS/MSD, and LCS percent recoveries. For the outfall area cores, a total of 141 results were qualified as estimated (J or UJ) due to accuracy anomalies. Five results were rejected due to MS/MSD spike recovery failures. The estimated results remain useable with qualification. The rejected results are not useable.

Representativeness: Representativeness of the data set is determined by assessing the degree to which the data represent the samples submitted to the laboratory. Holding times, preservation, and blank results affect the representativeness of a sample. All samples were properly preserved and were analyzed within method holding time. A total of 36 results were changed to non-detect and flagged “U” as a result of blank contamination.

Comparability: The analytical methods used for analysis affect the comparability of the data set. The methods used in the project are all standard, peer-reviewed methods, as specified in the QAPP (ITSI Gilbane, 2013). The specific methods are listed in Section 2.0 of this QCSR. The analytical methods used provided units of measure and detection limits that are similar to PV Shelf data from previous investigations.

Completeness: The completeness of the data set is determined by the percentage of acceptable results after data review. The results from the primary project samples were used in the calculation to determine the completeness of the data set. Out of 17,784 primary sample results for the outfall area cores, 2,758 results (16 percent) were qualified as estimates and can be used with qualification. Out of 17,784 primary results, five results (less than 0.1 percent) were rejected due to laboratory anomalies. Therefore, the completeness of this data set is 99.9 percent, which meets the QAPP goal of 90 percent for sediment samples.

4.2 FINAL CONCLUSION

The data generated in support of the project meet the project DQOs. Overall, as shown in the attached ADR and validation reports (Appendix H.4.1), QC deficiencies affecting the data were minor. The data that were qualified as estimated are of acceptable quality, and should be considered usable for their intended purposes. The rejected results, while not useable for their intended purposes, represent less than 0.1 percent of the total data set.

5.0 REFERENCES

ASTM Standard D2216-05, 2005, Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass, ASTM International, West Conshohocken, PA, 2003, DOI**:** 10.1520/D2216-05, www.astm.org.

ITSI Gilbane Company (ITSI Gilbane), 2013. Final Site-Specific Work Plan, Pre-Design Investigation, Palos Verdes Shelf (OU 5 of the Montrose Chemical Corporation Superfund Site), Los Angeles County, California.

United States Environmental Protection Agency (EPA), 1996. Test Methods for Evaluation Soil Waste, SW-846 Physical/Chemical Methods.

EPA, 2008. Contract Laboratory Program National Functional Guidelines for Superfund Organics Method Data Review, R-540-R-08-01, prepared by the Office of Superfund Remediation and Technology Innovation. June.

ATTACHMENT 1

DATA VALIDATION REPORTS

ATTACHMENT 2

FIELD REPLICATE RESULTS

ATTACHMENT 1

DATA VALIDATION REPORTS

ADR CASE NARRATIVE

Laboratory ID: SDG 09111382

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Report – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111381

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111381, Certified - 2/8/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Leticia Sangalang

Data Reviewer Title: Senior Scientist

Date of Review Report: 12-Feb-2010

Samples Included in SDG 09111381

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	12	0
D2216/NONE	12	0
PCBSIM/NONE	12	0
SW9060/NONE	12	0

AUTOMATED DATA REVIEW SUMMARY for 09111381

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111381. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111381

Confirmation Column Difference

Field Blank

Calibration Blank

Equip Blank

Calibration Blank - Negative

Negative Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 09111381

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.29% (2 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR case narrative.

Leticia Sangalang

12-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111381

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119L12	091119L12	NA	LABQC	SQ	LABQC	099130131		11/19/2009 12:00	11/19/2009 7:44	BS
	091119L12	NA	LABQC	SQ	LABQC	099130131		11/19/2009 12:00	11/19/2009 8:07	BD
	091119L12	NA	LABQC	SQ	LABQC	099130131		11/19/2009 12:00	11/19/2009 8:31	LB
091119S12	091119L12	NA	OA09	SE	OA0901200909-11	0911138120		11/16/2009 12:00	11/21/2009 12:07	MS
	091119L12	NA	OA09	SE	OA0901200909-11	0911138120		11/16/2009 12:00	11/21/2009 12:32	SD
	091119L12	NA	OA09	SE	OA0901200909-11	0911138120		11/16/2009 12:00	11/21/2009 12:56	N
	091119L12	NA	OA09	SE	OA0901200909-11	0911138120		11/16/2009 12:00	11/21/2009 12:56	N
091119S12P	091119L12	NA	OA09	SE	OA0901200901	091113811		11/16/2009 12:00	11/21/2009 1:19	N
	091119L12	NA	OA09	SE	OA0901200901	091113811		11/16/2009 12:00	11/21/2009 1:19	N
091119S12	091119L12	NA	OA09	SE	OA0901200903	091113812		11/16/2009 12:00	11/21/2009 1:43	N
	091119L12	NA	OA09	SE	OA0901200903	091113812		11/16/2009 12:00	11/21/2009 1:43	N
	091119L12	NA	OA09	SE	OA0901200905	091113813		11/16/2009 12:00	11/21/2009 2:06	N
	091119L12	NA	OA09	SE	OA0901200905	091113813		11/16/2009 12:00	11/21/2009 2:06	N
	091119L12	NA	OA09	SE	OA0901200907	091113814		11/16/2009 12:00	11/21/2009 2:30	N
	091119L12	NA	OA09	SE	OA0901200907	091113814		11/16/2009 12:00	11/21/2009 2:30	N
	091119L12	NA	OA09	SE	OA0901200937	0911138119		11/16/2009 12:00	11/21/2009 2:53	N
	091119L12	NA	OA09	SE	OA0901200937	0911138119		11/16/2009 12:00	11/21/2009 2:53	N
	091119L12	NA	OA09	SE	OA0901200913-15	0911138121		11/16/2009 12:00	11/21/2009 3:16	N
	091119L12	NA	OA09	SE	OA0901200913-15	0911138121		11/16/2009 12:00	11/21/2009 3:16	N
	091119L12	NA	OA09	SE	OA0901200917-19	0911138122		11/16/2009 12:00	11/21/2009 3:40	N
	091119L12	NA	OA09	SE	OA0901200917-19	0911138122		11/16/2009 12:00	11/21/2009 3:40	N
	091119L12	NA	OA09	SE	OA0901200921-23	0911138123		11/16/2009 12:00	11/21/2009 4:03	N
	091119L12	NA	OA09	SE	OA0901200921-23	0911138123		11/16/2009 12:00	11/21/2009 4:03	N
	091119L12	NA	OA09	SE	OA0901200925-27	0911138124		11/16/2009 12:00	11/21/2009 4:27	N
	091119L12	NA	OA09	SE	OA0901200925-27	0911138124		11/16/2009 12:00	11/21/2009 4:27	N
	091119L12	NA	OA09	SE	OA0901200929-31	0911138125		11/16/2009 12:00	11/21/2009 5:45	N
	091119L12	NA	OA09	SE	OA0901200929-31	0911138125		11/16/2009 12:00	11/21/2009 5:45	N

AUTOMATED DATA REVIEW SUMMARY for 09111381

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119S12	091119L12	NA	OA09	SE	OA0901200933-35	0911138126		11/16/2009 12:00	11/21/2009 6:08	N
	091119L12	NA	OA09	SE	OA0901200933-35	0911138126		11/16/2009 12:00	11/21/2009 6:08	N

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123MOID1	NA	NA	OA09	SE	OA0901200933-35	0911138126		11/16/2009 12:00	11/23/2009 1:00	N
	NA	NA	OA09	SE	OA0901200937	0911138119		11/16/2009 12:00	11/23/2009 1:00	N
	NA	NA	OA09	SE	OA0901200933-35	0911138126		11/16/2009 12:00	11/23/2009 1:00	LR
	NA	NA	OA09	SE	OA0901200929-31	0911138125		11/16/2009 12:00	11/23/2009 1:00	N
	NA	NA	OA09	SE	OA0901200925-27	0911138124		11/16/2009 12:00	11/23/2009 1:00	N
	NA	NA	OA09	SE	OA0901200921-23	0911138123		11/16/2009 12:00	11/23/2009 1:00	N
	NA	NA	OA09	SE	OA0901200917-19	0911138122		11/16/2009 12:00	11/23/2009 1:00	N
	NA	NA	OA09	SE	OA0901200913-15	0911138121		11/16/2009 12:00	11/23/2009 1:00	N
	NA	NA	OA09	SE	OA0901200909-11	0911138120		11/16/2009 12:00	11/23/2009 1:00	N
	NA	NA	OA09	SE	OA0901200907	091113814		11/16/2009 12:00	11/23/2009 1:00	N
	NA	NA	OA09	SE	OA0901200905	091113813		11/16/2009 12:00	11/23/2009 1:00	N
	NA	NA	OA09	SE	OA0901200903	091113812		11/16/2009 12:00	11/23/2009 1:00	N
	NA	NA	OA09	SE	OA0901200901	091113811		11/16/2009 12:00	11/23/2009 1:00	N
91123MOIB1	NA	NA	LABQC	SQ	LABQC	099050141575		11/23/2009 1:00	11/23/2009 1:00	LB

AUTOMATED DATA REVIEW SUMMARY for 09111381

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091212L01	091212L01	NA	LABQC	SQ	LABQC	0991301769		12/12/2009 12:00	12/23/2009 5:48	LB
	091212L01	NA	LABQC	SQ	LABQC	0991301769		12/12/2009 12:00	12/23/2009 6:17	BS
	091212L01	NA	LABQC	SQ	LABQC	0991301769		12/12/2009 12:00	12/23/2009 6:46	BD
091212S01	091212L01	NA	OA09	SE	OA0901200901	091113811		11/16/2009 12:00	12/24/2009 12:25	N
	091212L01	NA	OA09	SE	OA0901200903	091113812		11/16/2009 12:00	12/24/2009 12:54	N
	091212L01	NA	OA09	SE	OA0901200905	091113813		11/16/2009 12:00	12/24/2009 1:22	N
	091212L01	NA	OA09	SE	OA0901200907	091113814		11/16/2009 12:00	12/24/2009 1:50	N
	091212L01	NA	OA09	SE	OA0901200937	0911138119		11/16/2009 12:00	12/24/2009 2:18	N
	091212L01	NA	OA09	SE	OA0901200909-11	0911138120		11/16/2009 12:00	12/24/2009 2:47	N
	091212L01	NA	OA09	SE	OA0901200913-15	0911138121		11/16/2009 12:00	12/24/2009 3:16	N
	091212L01	NA	OA09	SE	OA0901200921-23	0911138123		11/16/2009 12:00	12/24/2009 4:14	N
	091212L01	NA	OA09	SE	OA0901200925-27	0911138124		11/16/2009 12:00	12/24/2009 1:50	N
	091212L01	NA	OA09	SE	OA0901200929-31	0911138125		11/16/2009 12:00	12/24/2009 2:18	N
	091212L01	NA	OA09	SE	OA0901200933-35	0911138126		11/16/2009 12:00	12/24/2009 2:46	N
	091212L01	NA	OA09	SE	OA0901200921-23	0911138123		11/16/2009 12:00	12/27/2009 1:09	MS
	091212L01	NA	OA09	SE	OA0901200921-23	0911138123		11/16/2009 12:00	12/27/2009 3:59	SD
100126L01	100126L01	NA	LABQC	SQ	LABQC	0991301790		01/26/2010 12:00	01/28/2010 2:42	LB
	100126L01	NA	LABQC	SQ	LABQC	0991301790		01/26/2010 12:00	01/28/2010 3:10	BS
	100126L01	NA	LABQC	SQ	LABQC	0991301790		01/26/2010 12:00	01/28/2010 3:37	BD
	100126L01	NA	OA09	SE	OA0901200917-19	0911138122		11/16/2009 12:00	01/28/2010 4:08	N

AUTOMATED DATA REVIEW SUMMARY for 09111381

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91118TOCS1	NA	NA	OA09	SE	OA0901200917-19	0911138122		11/16/2009 12:00	11/18/2009 1:44	N
	NA	NA	OA09	SE	OA0901200909-11	0911138120		11/16/2009 12:00	11/18/2009 1:44	N
	NA	NA	OA09	SE	OA0901200913-15	0911138121		11/16/2009 12:00	11/18/2009 1:44	N
	NA	NA	OA09	SE	OA0901200929-31	0911138125		11/16/2009 12:00	11/18/2009 1:44	N
	NA	NA	OA09	SE	OA0901200921-23	0911138123		11/16/2009 12:00	11/18/2009 1:44	N
	NA	NA	OA09	SE	OA0901200925-27	0911138124		11/16/2009 12:00	11/18/2009 1:44	N
	NA	NA	OA09	SE	OA0901200901	091113811		11/16/2009 12:00	11/18/2009 1:44	N
91118TOCL1	NA	NA	LABQC	SQ	LABQC	09906013407		11/18/2009 1:44	11/18/2009 1:44	BS
	NA	NA	LABQC	SQ	LABQC	09906013407		11/18/2009 1:44	11/18/2009 1:44	LB
91118TOCS1	NA	NA	OA09	SE	OA0901200907	091113814		11/16/2009 12:00	11/18/2009 1:44	N
	NA	NA	OA09	SE	OA0901200903	091113812		11/16/2009 12:00	11/18/2009 1:44	N
	NA	NA	OA09	SE	OA0901200905	091113813		11/16/2009 12:00	11/18/2009 1:44	N
	NA	NA	OA09	SE	OA0901200937	0911138119		11/16/2009 12:00	11/18/2009 1:44	N
	NA	NA	OA09	SE	OA0901200933-35	0911138126		11/16/2009 12:00	11/18/2009 1:44	N

AUTOMATED DATA REVIEW SUMMARY for 09111381

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA0901200909-11 / MS	1	p,p'-DDE	43.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0901200909-11 / MS	1	p,p'-DDT	151	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA0901200909-11 / SD	1	p,p'-DDE	54.2	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0901200909-11 / SD	1	p,p'-DDT	70.9	RPD	J/UJ	< 30	< 60	D2	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0901200901	N	o,p'-DDD	7.9	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200905	N	o,p'-DDD	7.2	6.1 J	6.1 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200909-11	N	o,p'-DDD	7.3	6.3 J	6.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200909-11	N	p,p'-DDE	7.3	230	230 J	ug/kg	MD2
BNASIM/NONE	SE	OA0901200909-11	N	p,p'-DDT	7.3	17.0	17.0 J	ug/kg	MD2
BNASIM/NONE	SE	OA0901200913-15	N	p,p'-DDT	7.3	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200917-19	N	o,p'-DDD	7.3	7.2 J	7.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200929-31	N	o,p'-DDT	7.1	5.7 J	5.7 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0901200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.1	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0901200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	3.8 J	3.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0901200901	N	o,p'-DDD	7.9	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200901	N	p,p'-DDD	7.9	89.0	89.0	ug/kg	
BNASIM/NONE	SE	OA0901200901	N	o,p'-DDE	7.9	43.0	43.0	ug/kg	
BNASIM/NONE	SE	OA0901200901	N	p,p'-DDE	7.9	280	280	ug/kg	
BNASIM/NONE	SE	OA0901200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.9	68.0	68.0	ug/kg	
BNASIM/NONE	SE	OA0901200901	N	1,1-bis(p-chlorophenyl)ethane	7.9	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA0901200901	N	p,p'-DDT	7.9	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA0901200903	N	o,p'-DDD	7.7	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA0901200903	N	p,p'-DDD	7.7	130	130	ug/kg	
BNASIM/NONE	SE	OA0901200903	N	o,p'-DDE	7.7	56.0	56.0	ug/kg	
BNASIM/NONE	SE	OA0901200903	N	p,p'-DDE	7.7	360	360	ug/kg	
BNASIM/NONE	SE	OA0901200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	89.0	89.0	ug/kg	
BNASIM/NONE	SE	OA0901200903	N	1,1-bis(p-chlorophenyl)ethane	7.7	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA0901200903	N	p,p'-DDT	7.7	22.0	22.0	ug/kg	
BNASIM/NONE	SE	OA0901200905	N	o,p'-DDD	7.2	6.1 J	6.1 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200905	N	p,p'-DDD	7.2	47.0	47.0	ug/kg	
BNASIM/NONE	SE	OA0901200905	N	o,p'-DDE	7.2	38.0	38.0	ug/kg	
BNASIM/NONE	SE	OA0901200905	N	p,p'-DDE	7.2	250	250	ug/kg	
BNASIM/NONE	SE	OA0901200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	54.0	54.0	ug/kg	
BNASIM/NONE	SE	OA0901200905	N	1,1-bis(p-chlorophenyl)ethane	7.2	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA0901200907	N	o,p'-DDD	7.2	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA0901200907	N	p,p'-DDD	7.2	150	150	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0901200907	N	o,p'-DDE	7.2	55.0	55.0	ug/kg	
BNASIM/NONE	SE	OA0901200907	N	p,p'-DDE	7.2	360	360	ug/kg	
BNASIM/NONE	SE	OA0901200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	86.0	86.0	ug/kg	
BNASIM/NONE	SE	OA0901200907	N	1,1-bis(p-chlorophenyl)ethane	7.2	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA0901200907	N	p,p'-DDT	7.2	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA0901200909-11	N	o,p'-DDD	7.3	6.3 J	6.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200909-11	N	p,p'-DDD	7.3	45.0	45.0	ug/kg	
BNASIM/NONE	SE	OA0901200909-11	N	o,p'-DDE	7.3	34.0	34.0	ug/kg	
BNASIM/NONE	SE	OA0901200909-11	N	p,p'-DDE	7.3	230	230 J	ug/kg	MD2
BNASIM/NONE	SE	OA0901200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	49.0	49.0	ug/kg	
BNASIM/NONE	SE	OA0901200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.3	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA0901200909-11	N	p,p'-DDT	7.3	17.0	17.0 J	ug/kg	MD2
BNASIM/NONE	SE	OA0901200913-15	N	o,p'-DDD	7.3	8.1	8.1	ug/kg	
BNASIM/NONE	SE	OA0901200913-15	N	p,p'-DDD	7.3	94.0	94.0	ug/kg	
BNASIM/NONE	SE	OA0901200913-15	N	o,p'-DDE	7.3	42.0	42.0	ug/kg	
BNASIM/NONE	SE	OA0901200913-15	N	p,p'-DDE	7.3	290	290	ug/kg	
BNASIM/NONE	SE	OA0901200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	64.0	64.0	ug/kg	
BNASIM/NONE	SE	OA0901200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.3	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA0901200913-15	N	p,p'-DDT	7.3	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200917-19	N	o,p'-DDD	7.3	7.2 J	7.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200917-19	N	p,p'-DDD	7.3	270	270	ug/kg	
BNASIM/NONE	SE	OA0901200917-19	N	o,p'-DDE	7.3	39.0	39.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0901200917-19	N	p,p'-DDE	7.3	270	270	ug/kg	
BNASIM/NONE	SE	OA0901200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	61.0	61.0	ug/kg	
BNASIM/NONE	SE	OA0901200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.3	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA0901200917-19	N	p,p'-DDT	7.3	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA0901200921-23	N	o,p'-DDD	7.1	9.4	9.4	ug/kg	
BNASIM/NONE	SE	OA0901200921-23	N	p,p'-DDD	7.1	100	100	ug/kg	
BNASIM/NONE	SE	OA0901200921-23	N	o,p'-DDE	7.1	54.0	54.0	ug/kg	
BNASIM/NONE	SE	OA0901200921-23	N	p,p'-DDE	7.1	360	360	ug/kg	
BNASIM/NONE	SE	OA0901200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	84.0	84.0	ug/kg	
BNASIM/NONE	SE	OA0901200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.1	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA0901200925-27	N	o,p'-DDD	7.3	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA0901200925-27	N	p,p'-DDD	7.3	91.0	91.0	ug/kg	
BNASIM/NONE	SE	OA0901200925-27	N	o,p'-DDE	7.3	58.0	58.0	ug/kg	
BNASIM/NONE	SE	OA0901200925-27	N	p,p'-DDE	7.3	380	380	ug/kg	
BNASIM/NONE	SE	OA0901200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	91.0	91.0	ug/kg	
BNASIM/NONE	SE	OA0901200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.3	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA0901200929-31	N	o,p'-DDD	7.1	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA0901200929-31	N	p,p'-DDD	7.1	100	100	ug/kg	
BNASIM/NONE	SE	OA0901200929-31	N	o,p'-DDE	7.1	100	100	ug/kg	
BNASIM/NONE	SE	OA0901200929-31	N	p,p'-DDE	7.1	650	650	ug/kg	
BNASIM/NONE	SE	OA0901200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	160	160	ug/kg	
BNASIM/NONE	SE	OA0901200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.1	46.0	46.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0901200929-31	N	o,p'-DDT	7.1	5.7 J	5.7 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200929-31	N	p,p'-DDT	7.1	200	200	ug/kg	
BNASIM/NONE	SE	OA0901200933-35	N	o,p'-DDD	7.2	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA0901200933-35	N	p,p'-DDD	7.2	100	100	ug/kg	
BNASIM/NONE	SE	OA0901200933-35	N	o,p'-DDE	7.2	84.0	84.0	ug/kg	
BNASIM/NONE	SE	OA0901200933-35	N	p,p'-DDE	7.2	490	490	ug/kg	
BNASIM/NONE	SE	OA0901200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	180	180	ug/kg	
BNASIM/NONE	SE	OA0901200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.2	44.0	44.0	ug/kg	
BNASIM/NONE	SE	OA0901200933-35	N	p,p'-DDT	7.2	60.0	60.0	ug/kg	
BNASIM/NONE	SE	OA0901200937	N	o,p'-DDD	7.5	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA0901200937	N	p,p'-DDD	7.5	640	640	ug/kg	
BNASIM/NONE	SE	OA0901200937	N	o,p'-DDE	7.5	57.0	57.0	ug/kg	
BNASIM/NONE	SE	OA0901200937	N	p,p'-DDE	7.5	350	350	ug/kg	
BNASIM/NONE	SE	OA0901200937	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	120	120	ug/kg	
BNASIM/NONE	SE	OA0901200937	N	1,1-bis(p-chlorophenyl)ethane	7.5	31.0	31.0	ug/kg	
BNASIM/NONE	SE	OA0901200937	N	p,p'-DDT	7.5	67.0	67.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0901200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0901200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.1	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	3.8 J	3.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA0901200901	N	Moisture	0.10	36.5	36.5	PERCENT	
D2216/NONE	SE	OA0901200903	N	Moisture	0.10	34.7	34.7	PERCENT	
D2216/NONE	SE	OA0901200905	N	Moisture	0.10	30.1	30.1	PERCENT	
D2216/NONE	SE	OA0901200907	N	Moisture	0.10	31.0	31.0	PERCENT	
D2216/NONE	SE	OA0901200909-11	N	Moisture	0.10	31.7	31.7	PERCENT	
D2216/NONE	SE	OA0901200913-15	N	Moisture	0.10	31.5	31.5	PERCENT	
D2216/NONE	SE	OA0901200917-19	N	Moisture	0.10	31.2	31.2	PERCENT	
D2216/NONE	SE	OA0901200921-23	N	Moisture	0.10	29.9	29.9	PERCENT	
D2216/NONE	SE	OA0901200925-27	N	Moisture	0.10	31.5	31.5	PERCENT	
D2216/NONE	SE	OA0901200929-31	N	Moisture	0.10	30.0	30.0	PERCENT	
D2216/NONE	SE	OA0901200933-35	N	Moisture	0.10	30.8	30.8	PERCENT	
D2216/NONE	SE	OA0901200937	N	Moisture	0.10	33.6	33.6	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA0901200901	N	Total Organic Carbon	0.079	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA0901200903	N	Total Organic Carbon	0.077	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA0901200905	N	Total Organic Carbon	0.072	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA0901200907	N	Total Organic Carbon	0.072	2.3	2.3	PERCENT	
SW9060/NONE	SE	OA0901200909-11	N	Total Organic Carbon	0.073	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA0901200913-15	N	Total Organic Carbon	0.073	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA0901200917-19	N	Total Organic Carbon	0.073	2.3	2.3	PERCENT	
SW9060/NONE	SE	OA0901200921-23	N	Total Organic Carbon	0.071	2.1	2.1	PERCENT	
SW9060/NONE	SE	OA0901200925-27	N	Total Organic Carbon	0.073	2.1	2.1	PERCENT	
SW9060/NONE	SE	OA0901200929-31	N	Total Organic Carbon	0.071	2.5	2.5	PERCENT	
SW9060/NONE	SE	OA0901200933-35	N	Total Organic Carbon	0.072	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA0901200937	N	Total Organic Carbon	0.075	2.6	2.6	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111383

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **PCB Congeners by PCB-SIM**
   A matrix spike (MS) was not provided on the EDD for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111383

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111383, Certified - 2/5/2010 M by DanielleGonsman

QC Level:

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 16-Feb-2010

Samples Included in SDG 09111383

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	17	0
D2216/NONE	17	0
PCBSIM/NONE	17	0
SW9060/NONE	17	0

AUTOMATED DATA REVIEW SUMMARY for 09111383

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111383. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111383

Confirmation Column Difference

Field Blank

Calibration Blank

Equip Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09111383

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.90% (9 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

16-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111383

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119L13	091119L13	NA	LABQC	SQ	LABQC	099130132		11/19/2009 12:00	11/19/2009 8:55	BS
	091119L13	NA	LABQC	SQ	LABQC	099130132		11/19/2009 12:00	11/19/2009 9:18	BD
	091119L13	NA	LABQC	SQ	LABQC	099130132		11/19/2009 12:00	11/19/2009 9:41	LB
091119L14	091119L14	NA	LABQC	SQ	LABQC	099130133		11/19/2009 12:00	11/19/2009 10:05	BS
	091119L14	NA	LABQC	SQ	LABQC	099130133		11/19/2009 12:00	11/19/2009 10:28	BD
	091119L14	NA	LABQC	SQ	LABQC	099130133		11/19/2009 12:00	11/19/2009 10:52	LB
091119S13	091119L13	NA	OA03	SE	OA0301200901	091113831		11/16/2009 12:00	11/22/2009 3:08	N
	091119L13	NA	OA03	SE	OA0301200901	091113831		11/16/2009 12:00	11/22/2009 3:08	N
	091119L13	NA	OA03	SE	OA0301200903	091113832		11/16/2009 12:00	11/22/2009 3:31	N
	091119L13	NA	OA03	SE	OA0301200903	091113832		11/16/2009 12:00	11/22/2009 3:31	N
	091119L13	NA	OA03	SE	OA0301200905	091113833		11/16/2009 12:00	11/22/2009 3:55	N
	091119L13	NA	OA03	SE	OA0301200905	091113833		11/16/2009 12:00	11/22/2009 3:55	N
	091119L13	NA	OA03	SE	OA0301200907	091113834		11/16/2009 12:00	11/22/2009 4:18	N
	091119L13	NA	OA03	SE	OA0301200907	091113834		11/16/2009 12:00	11/22/2009 4:18	N
	091119L13	NA	OA03	SE	OA0301200909-11	0911138331		11/16/2009 12:00	11/22/2009 4:41	N
	091119L13	NA	OA03	SE	OA0301200909-11	0911138331		11/16/2009 12:00	11/22/2009 4:41	N
	091119L13	NA	OA03	SE	OA0301200913-15	0911138332		11/16/2009 12:00	11/22/2009 5:05	N
	091119L13	NA	OA03	SE	OA0301200913-15	0911138332		11/16/2009 12:00	11/22/2009 5:05	N
	091119L13	NA	OA03	SE	OA0301200905	091113833		11/16/2009 12:00	11/22/2009 8:47	N
	091119L13	NA	OA03	SE	OA0301200907	091113834		11/16/2009 12:00	11/22/2009 9:10	N
	091119L13	NA	OA03	SE	OA0301200913-15	0911138332		11/16/2009 12:00	11/22/2009 9:34	N
091119S14	091119L14	NA	OA03	SE	OA0301200917-19	0911138333		11/16/2009 12:00	11/22/2009 9:57	N
	091119L14	NA	OA03	SE	OA0301200917-19	0911138333		11/16/2009 12:00	11/22/2009 9:57	N
	091119L14	NA	OA03	SE	OA0301200921-23	0911138334		11/16/2009 12:00	11/22/2009 10:21	N
	091119L14	NA	OA03	SE	OA0301200921-23	0911138334		11/16/2009 12:00	11/22/2009 10:21	N
	091119L14	NA	OA03	SE	OA0301200925-27	0911138335		11/16/2009 12:00	11/22/2009 10:44	N
	091119L14	NA	OA03	SE	OA0301200925-27	0911138335		11/16/2009 12:00	11/22/2009 10:44	N

AUTOMATED DATA REVIEW SUMMARY for 09111383

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119S14	091119L14	NA	OA03	SE	OA0301200929-31	0911138336		11/16/2009 12:00	11/22/2009 11:08	N
	091119L14	NA	OA03	SE	OA0301200929-31	0911138336		11/16/2009 12:00	11/22/2009 11:08	N
	091119L14	NA	OA03	SE	OA0301200933-35	0911138337		11/16/2009 12:00	11/22/2009 11:31	N
	091119L14	NA	OA03	SE	OA0301200933-35	0911138337		11/16/2009 12:00	11/22/2009 11:31	N
	091119L14	NA	OA03	SE	OA0301200937-39	0911138338		11/16/2009 12:00	11/22/2009 11:54	N
	091119L14	NA	OA03	SE	OA0301200937-39	0911138338		11/16/2009 12:00	11/22/2009 11:54	N
	091119L14	NA	OA03	SE	OA0301200941-43	0911138339		11/16/2009 12:00	11/23/2009 12:18	N
	091119L14	NA	OA03	SE	OA0301200941-43	0911138339		11/16/2009 12:00	11/23/2009 12:18	N
	091119L14	NA	OA03	SE	OA0301200945-47	0911138340		11/16/2009 12:00	11/23/2009 12:41	N
	091119L14	NA	OA03	SE	OA0301200945-47	0911138340		11/16/2009 12:00	11/23/2009 12:41	N
	091119L14	NA	OA03	SE	OA0301200949-51	0911138341		11/16/2009 12:00	11/23/2009 1:05	N
	091119L14	NA	OA03	SE	OA0301200949-51	0911138341		11/16/2009 12:00	11/23/2009 1:05	N
	091119L14	NA	OA03	SE	OA0301200953-55	0911138342		11/16/2009 12:00	11/23/2009 1:28	N
	091119L14	NA	OA03	SE	OA0301200953-55	0911138342		11/16/2009 12:00	11/23/2009 1:28	N
091119S14P	091119L14	NA	OA03	SE	OA0301200957-59	0911138343		11/16/2009 12:00	11/23/2009 1:52	N
	091119L14	NA	OA03	SE	OA0301200957-59	0911138343		11/16/2009 12:00	11/23/2009 1:52	N
091119S13	091119L13	NA	OA03	SE	OA0301200909-11	0911138331		11/16/2009 12:00	11/23/2009 11:34	N
091119S14	091119L14	NA	OA03	SE	OA0301200917-19	0911138333		11/16/2009 12:00	11/23/2009 11:57	N
	091119L14	NA	OA03	SE	OA0301200921-23	0911138334		11/16/2009 12:00	11/23/2009 12:21	N
	091119L14	NA	OA03	SE	OA0301200925-27	0911138335		11/16/2009 12:00	11/23/2009 12:44	N
	091119L14	NA	OA03	SE	OA0301200929-31	0911138336		11/16/2009 12:00	11/23/2009 1:08	N
	091119L14	NA	OA03	SE	OA0301200933-35	0911138337		11/16/2009 12:00	11/23/2009 1:31	N
	091119L14	NA	OA03	SE	OA0301200937-39	0911138338		11/16/2009 12:00	11/23/2009 1:54	N
	091119L14	NA	OA03	SE	OA0301200949-51	0911138341		11/16/2009 12:00	11/23/2009 2:18	MS
	091119L14	NA	OA03	SE	OA0301200949-51	0911138341		11/16/2009 12:00	11/23/2009 2:41	SD

AUTOMATED DATA REVIEW SUMMARY for 09111383

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123MOID3	NA	NA	OA03	SE	OA0301200957-59	0911138343		11/16/2009 12:00	11/23/2009 2:00	LR
	NA	NA	OA03	SE	OA0301200957-59	0911138343		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200953-55	0911138342		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200949-51	0911138341		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200945-47	0911138340		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200941-43	0911138339		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200929-31	0911138336		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200937-39	0911138338		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200933-35	0911138337		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200925-27	0911138335		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200921-23	0911138334		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200917-19	0911138333		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200913-15	0911138332		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200909-11	0911138331		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200907	091113834		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200905	091113833		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200903	091113832		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA03	SE	OA0301200901	091113831		11/16/2009 12:00	11/23/2009 2:00	N
91123MOIB3	NA	NA	LABQC	SQ	LABQC	099050141577		11/23/2009 2:00	11/23/2009 2:00	LB

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119S17	091119L17A	NA	OA03	SE	OA0301200903	091113832		11/16/2009 12:00	11/22/2009 6:32	N
	091119L17A	NA	OA03	SE	OA0301200903	091113832		11/16/2009 12:00	11/22/2009 6:32	N
091119L17A	091119L17A	NA	LABQC	SQ	LABQC	0991301722		11/19/2009 12:00	11/24/2009 11:17	BS
	091119L17A	NA	LABQC	SQ	LABQC	0991301722		11/19/2009 12:00	11/24/2009 11:47	BD
	091119L17A	NA	LABQC	SQ	LABQC	0991301722		11/19/2009 12:00	12/11/2009 7:51	LB

AUTOMATED DATA REVIEW SUMMARY for 09111383

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091212L02	091212L02	NA	LABQC	SQ	LABQC	0991301773		12/12/2009 12:00	12/24/2009 10:47	LB
	091212L02	NA	LABQC	SQ	LABQC	0991301773		12/12/2009 12:00	12/24/2009 12:53	BS
	091212L02	NA	LABQC	SQ	LABQC	0991301773		12/12/2009 12:00	12/24/2009 1:21	BD
091212L03	091212L03	NA	LABQC	SQ	LABQC	0991301774		12/12/2009 12:00	12/26/2009 4:57	LB
	091212L03	NA	LABQC	SQ	LABQC	0991301774		12/12/2009 12:00	12/26/2009 5:26	BS
	091212L03	NA	LABQC	SQ	LABQC	0991301774		12/12/2009 12:00	12/26/2009 5:54	BD
091212S02	091212L02	NA	OA03	SE	OA0301200901	091113831		11/16/2009 12:00	12/27/2009 8:43	N
	091212L02	NA	OA03	SE	OA0301200905	091113833		11/16/2009 12:00	12/27/2009 9:12	N
	091212L02	NA	OA03	SE	OA0301200907	091113834		11/16/2009 12:00	12/27/2009 9:40	N
	091212L02	NA	OA03	SE	OA0301200909-11	0911138331		11/16/2009 12:00	12/27/2009 10:09	N
	091212L02	NA	OA03	SE	OA0301200913-15	0911138332		11/16/2009 12:00	12/27/2009 10:38	N
	091212L02	NA	OA03	SE	OA0301200917-19	0911138333		11/16/2009 12:00	12/27/2009 11:07	N
091212S03	091212L03	NA	OA03	SE	OA0301200921-23	0911138334		11/16/2009 12:00	12/27/2009 11:36	N
	091212L03	NA	OA03	SE	OA0301200925-27	0911138335		11/16/2009 12:00	12/28/2009 12:05	N
	091212L03	NA	OA03	SE	OA0301200929-31	0911138336		11/16/2009 12:00	12/28/2009 12:33	N
	091212L03	NA	OA03	SE	OA0301200933-35	0911138337		11/16/2009 12:00	12/28/2009 1:01	N
	091212L03	NA	OA03	SE	OA0301200937-39	0911138338		11/16/2009 12:00	12/28/2009 1:29	N
	091212L03	NA	OA03	SE	OA0301200941-43	0911138339		11/16/2009 12:00	12/28/2009 1:59	N
	091212L03	NA	OA03	SE	OA0301200945-47	0911138340		11/16/2009 12:00	12/28/2009 2:27	N
	091212L03	NA	OA03	SE	OA0301200953-55	0911138342		11/16/2009 12:00	12/28/2009 3:23	N
	091212L03	NA	OA03	SE	OA0301200957-59	0911138343		11/16/2009 12:00	12/28/2009 12:05	N
100119L14	100119L14	NA	LABQC	SQ	LABQC	0991301789		01/19/2010 12:00	01/20/2010 1:07	LB
	100119L14	NA	LABQC	SQ	LABQC	0991301789		01/19/2010 12:00	01/20/2010 1:34	BS
	100119L14	NA	LABQC	SQ	LABQC	0991301789		01/19/2010 12:00	01/20/2010 2:02	BD
	100119L14	NA	OA03	SE	OA0301200949-51	0911138341		11/16/2009 12:00	01/20/2010 2:30	N

AUTOMATED DATA REVIEW SUMMARY for 09111383

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91118TOCS1	NA	NA	OA03	SE	OA0301200957-59	0911138343		11/16/2009 12:00	11/18/2009 10:58	MS
	NA	NA	OA03	SE	OA0301200957-59	0911138343		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200949-51	0911138341		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200953-55	0911138342		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200957-59	0911138343		11/16/2009 12:00	11/18/2009 10:58	SD
	NA	NA	OA03	SE	OA0301200945-47	0911138340		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200941-43	0911138339		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200929-31	0911138336		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200933-35	0911138337		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200937-39	0911138338		11/16/2009 12:00	11/18/2009 10:58	N
91118TOCL1	NA	NA	LABQC	SQ	LABQC	09906013404		11/18/2009 10:58	11/18/2009 10:58	BS
	NA	NA	LABQC	SQ	LABQC	09906013404		11/18/2009 10:58	11/18/2009 10:58	LB
91118TOCS1	NA	NA	OA03	SE	OA0301200903	091113832		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200901	091113831		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200905	091113833		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200907	091113834		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200925-27	0911138335		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200917-19	0911138333		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200921-23	0911138334		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200913-15	0911138332		11/16/2009 12:00	11/18/2009 10:58	N
	NA	NA	OA03	SE	OA0301200909-11	0911138331		11/16/2009 12:00	11/18/2009 10:58	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA0301200949-51 / SD	1	o,p'-DDD	132	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0301200949-51 / MS	1	o,p'-DDT	17.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0301200949-51 / SD	1	o,p'-DDT	19.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0301200949-51 / SD	1	p,p'-DDD	149	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0301200949-51 / MS	1	p,p'-DDT	11.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0301200949-51 / SD	1	p,p'-DDT	12.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA0301200949-51 / SD	1	1,1-bis(p-chlorophenyl) ethane	44.4	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0301200949-51 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	59.8	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0301200949-51 / SD	1	o,p'-DDD	42.2	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0301200949-51 / SD	1	o,p'-DDE	43.2	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0301200949-51 / SD	1	p,p'-DDD	42.3	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0301200949-51 / SD	1	p,p'-DDE	64.0	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	Blank	P091119L17ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	3.7	ug/kg	U/None	< 1.9	< 9.2	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.8	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.8	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	PCB-138/158	9.8	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.8	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.8	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.8	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	13.0 B	13.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA0301200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200903	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.2	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.2	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.8	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.8	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.8	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',5-TRICHLOROBIPHENYL	8.8	4.2 J	4.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200905	N	2,4,4'-TRICHLOROBIPHENYL	8.8	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	PCB-138/158	8.7	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.7	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.7	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,2',5-TRICHLOROBIPHENYL	8.7	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	9.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	PCB-138/158	9.0	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.9	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.9	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.9	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.9	4.9 J	4.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',5-TRICHLOROBIPHENYL	9.9	9.8 J	9.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,4,4'-TRICHLOROBIPHENYL	9.9	9.8 J	9.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200917-19	N	2,4'-DICHLOROBIPHENYL	11.0	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200917-19	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	13.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	13.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	2,3,4,4',5-Pentachlorobiphenyl	13.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	13.0	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,4'-DICHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	13.0	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	13.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,3,4,4',5-Pentachlorobiphenyl	13.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	2,4'-DICHLOROBIPHENYL	9.9	4.7 J	4.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.9	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.9	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.9	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.9	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.9	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.2 J	2.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',5-TRICHLOROBIPHENYL	7.6	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.6	3.6 J	3.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200957-59	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200957-59	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200957-59	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200957-59	N	PCB-138/158	7.1	5.2 J	5.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0301200913-15	N	o,p'-DDT	9.9	8.8 J	8.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200933-35	N	o,p'-DDT	8.3	6.1 J	6.1 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200945-47	N	p,p'-DDD	7.0	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200949-51	N	o,p'-DDD	6.9	6.9 U	6.9 UJ	ug/kg	D2
BNASIM/NONE	SE	OA0301200949-51	N	p,p'-DDD	6.9	5.7 J	5.7 J	ug/kg	MD2TR
BNASIM/NONE	SE	OA0301200949-51	N	o,p'-DDE	6.9	10.0	10.0 J	ug/kg	D2
BNASIM/NONE	SE	OA0301200949-51	N	p,p'-DDE	6.9	48.0	48.0 J	ug/kg	D2
BNASIM/NONE	SE	OA0301200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	57.0	57.0 J	ug/kg	D2
BNASIM/NONE	SE	OA0301200949-51	N	1,1-bis(p-chlorophenyl)ethane	6.9	11.0	11.0 J	ug/kg	D2
BNASIM/NONE	SE	OA0301200949-51	N	o,p'-DDT	6.9	6.9 U	6.9 UJ	ug/kg	M
BNASIM/NONE	SE	OA0301200949-51	N	p,p'-DDT	6.9	6.9 U	6.9 UJ	ug/kg	M
BNASIM/NONE	SE	OA0301200953-55	N	o,p'-DDE	6.8	2.3 J	2.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200953-55	N	1,1-bis(p-chlorophenyl)ethane	6.8	2.3 J	2.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200957-59	N	p,p'-DDD	7.1	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200957-59	N	o,p'-DDE	7.1	4.2 J	4.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	4.4 J	4.4 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200957-59	N	1,1-bis(p-chlorophenyl)ethane	7.1	2.3 J	2.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0301200901	N	o,p'-DDD	9.8	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA0301200901	N	p,p'-DDD	9.8	82.0	82.0	ug/kg	
BNASIM/NONE	SE	OA0301200901	N	o,p'-DDE	9.8	77.0	77.0	ug/kg	
BNASIM/NONE	SE	OA0301200901	N	p,p'-DDE	9.8	500	500	ug/kg	
BNASIM/NONE	SE	OA0301200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.8	130	130	ug/kg	
BNASIM/NONE	SE	OA0301200901	N	1,1-bis(p-chlorophenyl)ethane	9.8	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA0301200903	N	o,p'-DDD	9.2	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA0301200903	N	p,p'-DDD	9.2	130	130	ug/kg	
BNASIM/NONE	SE	OA0301200903	N	o,p'-DDE	9.2	120	120	ug/kg	
BNASIM/NONE	SE	OA0301200903	N	p,p'-DDE	9.2	740	740	ug/kg	
BNASIM/NONE	SE	OA0301200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.2	190	190	ug/kg	
BNASIM/NONE	SE	OA0301200903	N	1,1-bis(p-chlorophenyl)ethane	9.2	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA0301200905	N	o,p'-DDD	8.8	39.0	39.0	ug/kg	
BNASIM/NONE	SE	OA0301200905	N	p,p'-DDD	8.8	180	180	ug/kg	
BNASIM/NONE	SE	OA0301200905	N	o,p'-DDE	8.8	230	230	ug/kg	
BNASIM/NONE	SE	OA0301200905	N	p,p'-DDE	44.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA0301200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.8	380	380	ug/kg	
BNASIM/NONE	SE	OA0301200905	N	1,1-bis(p-chlorophenyl)ethane	8.8	47.0	47.0	ug/kg	
BNASIM/NONE	SE	OA0301200907	N	o,p'-DDD	8.7	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA0301200907	N	p,p'-DDD	8.7	300	300	ug/kg	
BNASIM/NONE	SE	OA0301200907	N	o,p'-DDE	8.7	240	240	ug/kg	
BNASIM/NONE	SE	OA0301200907	N	p,p'-DDE	44.0	1300 D	1300	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0301200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.7	410	410	ug/kg	
BNASIM/NONE	SE	OA0301200907	N	1,1-bis(p-chlorophenyl)ethane	8.7	57.0	57.0	ug/kg	
BNASIM/NONE	SE	OA0301200909-11	N	o,p'-DDD	9.0	47.0	47.0	ug/kg	
BNASIM/NONE	SE	OA0301200909-11	N	p,p'-DDD	9.0	240	240	ug/kg	
BNASIM/NONE	SE	OA0301200909-11	N	o,p'-DDE	9.0	320	320	ug/kg	
BNASIM/NONE	SE	OA0301200909-11	N	p,p'-DDE	90.0	2000 D	2000	ug/kg	
BNASIM/NONE	SE	OA0301200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.0	560	560	ug/kg	
BNASIM/NONE	SE	OA0301200909-11	N	1,1-bis(p-chlorophenyl)ethane	9.0	88.0	88.0	ug/kg	
BNASIM/NONE	SE	OA0301200913-15	N	o,p'-DDD	9.9	96.0	96.0	ug/kg	
BNASIM/NONE	SE	OA0301200913-15	N	p,p'-DDD	9.9	310	310	ug/kg	
BNASIM/NONE	SE	OA0301200913-15	N	o,p'-DDE	9.9	710	710	ug/kg	
BNASIM/NONE	SE	OA0301200913-15	N	p,p'-DDE	99.0	3700 D	3700	ug/kg	
BNASIM/NONE	SE	OA0301200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	99.0	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA0301200913-15	N	1,1-bis(p-chlorophenyl)ethane	9.9	280	280	ug/kg	
BNASIM/NONE	SE	OA0301200913-15	N	o,p'-DDT	9.9	8.8 J	8.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200917-19	N	o,p'-DDD	11.0	110	110	ug/kg	
BNASIM/NONE	SE	OA0301200917-19	N	p,p'-DDD	11.0	410	410	ug/kg	
BNASIM/NONE	SE	OA0301200917-19	N	o,p'-DDE	11.0	950	950	ug/kg	
BNASIM/NONE	SE	OA0301200917-19	N	p,p'-DDE	110	5700 D	5700	ug/kg	
BNASIM/NONE	SE	OA0301200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	110	3000 D	3000	ug/kg	
BNASIM/NONE	SE	OA0301200917-19	N	1,1-bis(p-chlorophenyl)ethane	11.0	410	410	ug/kg	
BNASIM/NONE	SE	OA0301200917-19	N	o,p'-DDT	11.0	11.0 J	11.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0301200917-19	N	p,p'-DDT	11.0	29.0	29.0	ug/kg	
BNASIM/NONE	SE	OA0301200921-23	N	o,p'-DDD	13.0	360	360	ug/kg	
BNASIM/NONE	SE	OA0301200921-23	N	p,p'-DDD	330	2000 D	2000	ug/kg	
BNASIM/NONE	SE	OA0301200921-23	N	o,p'-DDE	330	3500 D	3500	ug/kg	
BNASIM/NONE	SE	OA0301200921-23	N	p,p'-DDE	330	20000 D	20000	ug/kg	
BNASIM/NONE	SE	OA0301200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	330	4500 D	4500	ug/kg	
BNASIM/NONE	SE	OA0301200921-23	N	1,1-bis(p-chlorophenyl)ethane	13.0	1000	1000	ug/kg	
BNASIM/NONE	SE	OA0301200921-23	N	o,p'-DDT	13.0	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA0301200921-23	N	p,p'-DDT	13.0	160	160	ug/kg	
BNASIM/NONE	SE	OA0301200925-27	N	o,p'-DDD	13.0	340	340	ug/kg	
BNASIM/NONE	SE	OA0301200925-27	N	p,p'-DDD	320	2800 D	2800	ug/kg	
BNASIM/NONE	SE	OA0301200925-27	N	o,p'-DDE	320	2900 D	2900	ug/kg	
BNASIM/NONE	SE	OA0301200925-27	N	p,p'-DDE	320	20000 D	20000	ug/kg	
BNASIM/NONE	SE	OA0301200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	320	3500 D	3500	ug/kg	
BNASIM/NONE	SE	OA0301200925-27	N	1,1-bis(p-chlorophenyl)ethane	13.0	800	800	ug/kg	
BNASIM/NONE	SE	OA0301200925-27	N	o,p'-DDT	13.0	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA0301200925-27	N	p,p'-DDT	13.0	330	330	ug/kg	
BNASIM/NONE	SE	OA0301200929-31	N	o,p'-DDD	9.9	200	200	ug/kg	
BNASIM/NONE	SE	OA0301200929-31	N	p,p'-DDD	250	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA0301200929-31	N	o,p'-DDE	9.9	980	980	ug/kg	
BNASIM/NONE	SE	OA0301200929-31	N	p,p'-DDE	250	7300 D	7300	ug/kg	
BNASIM/NONE	SE	OA0301200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	250	980 D	980	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0301200929-31	N	1,1-bis(p-chlorophenyl)ethane	9.9	360	360	ug/kg	
BNASIM/NONE	SE	OA0301200929-31	N	o,p'-DDT	9.9	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA0301200929-31	N	p,p'-DDT	9.9	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA0301200933-35	N	o,p'-DDD	8.3	100	100	ug/kg	
BNASIM/NONE	SE	OA0301200933-35	N	p,p'-DDD	8.3	790	790	ug/kg	
BNASIM/NONE	SE	OA0301200933-35	N	o,p'-DDE	8.3	340	340	ug/kg	
BNASIM/NONE	SE	OA0301200933-35	N	p,p'-DDE	83.0	2500 D	2500	ug/kg	
BNASIM/NONE	SE	OA0301200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	590	590	ug/kg	
BNASIM/NONE	SE	OA0301200933-35	N	1,1-bis(p-chlorophenyl)ethane	8.3	170	170	ug/kg	
BNASIM/NONE	SE	OA0301200933-35	N	o,p'-DDT	8.3	6.1 J	6.1 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200933-35	N	p,p'-DDT	8.3	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA0301200937-39	N	o,p'-DDD	7.6	50.0	50.0	ug/kg	
BNASIM/NONE	SE	OA0301200937-39	N	p,p'-DDD	7.6	510	510	ug/kg	
BNASIM/NONE	SE	OA0301200937-39	N	o,p'-DDE	7.6	160	160	ug/kg	
BNASIM/NONE	SE	OA0301200937-39	N	p,p'-DDE	38.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA0301200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	210	210	ug/kg	
BNASIM/NONE	SE	OA0301200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.6	96.0	96.0	ug/kg	
BNASIM/NONE	SE	OA0301200937-39	N	p,p'-DDT	7.6	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA0301200941-43	N	o,p'-DDD	7.2	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA0301200941-43	N	p,p'-DDD	7.2	100	100	ug/kg	
BNASIM/NONE	SE	OA0301200941-43	N	o,p'-DDE	7.2	45.0	45.0	ug/kg	
BNASIM/NONE	SE	OA0301200941-43	N	p,p'-DDE	7.2	230	230	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0301200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	140	140	ug/kg	
BNASIM/NONE	SE	OA0301200941-43	N	1,1-bis(p-chlorophenyl)ethane	7.2	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA0301200945-47	N	p,p'-DDD	7.0	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200945-47	N	o,p'-DDE	7.0	8.8	8.8	ug/kg	
BNASIM/NONE	SE	OA0301200945-47	N	p,p'-DDE	7.0	39.0	39.0	ug/kg	
BNASIM/NONE	SE	OA0301200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	38.0	38.0	ug/kg	
BNASIM/NONE	SE	OA0301200945-47	N	1,1-bis(p-chlorophenyl)ethane	7.0	8.6	8.6	ug/kg	
BNASIM/NONE	SE	OA0301200949-51	N	p,p'-DDD	6.9	5.7 J	5.7 J	ug/kg	MD2TR
BNASIM/NONE	SE	OA0301200949-51	N	o,p'-DDE	6.9	10.0	10.0 J	ug/kg	D2
BNASIM/NONE	SE	OA0301200949-51	N	p,p'-DDE	6.9	48.0	48.0 J	ug/kg	D2
BNASIM/NONE	SE	OA0301200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	57.0	57.0 J	ug/kg	D2
BNASIM/NONE	SE	OA0301200949-51	N	1,1-bis(p-chlorophenyl)ethane	6.9	11.0	11.0 J	ug/kg	D2
BNASIM/NONE	SE	OA0301200953-55	N	o,p'-DDE	6.8	2.3 J	2.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200953-55	N	p,p'-DDE	6.8	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA0301200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200953-55	N	1,1-bis(p-chlorophenyl)ethane	6.8	2.3 J	2.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200957-59	N	p,p'-DDD	7.1	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200957-59	N	o,p'-DDE	7.1	4.2 J	4.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200957-59	N	p,p'-DDE	7.1	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA0301200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	4.4 J	4.4 J	ug/kg	TR
BNASIM/NONE	SE	OA0301200957-59	N	1,1-bis(p-chlorophenyl)ethane	7.1	2.3 J	2.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.8	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.8	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	PCB-138/158	9.8	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.8	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.8	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.8	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200903	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.2	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.2	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.8	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0301200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0301200905	N	PCB-138/158	8.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0301200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0301200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.8	7.5 J	7.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.8	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.8	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0301200905	N	2,2',5-TRICHLOROBIPHENYL	8.8	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200905	N	2,4,4'-TRICHLOROBIPHENYL	8.8	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.7	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	OA0301200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.7	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	OA0301200907	N	PCB-138/158	8.7	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.7	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	OA0301200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.7	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.7	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200907	N	2,2',5-TRICHLOROBIPHENYL	8.7	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	9.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	PCB-138/158	9.0	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	4.6 J	4.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.9	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.9	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.9	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.9	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA0301200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	9.9	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA0301200913-15	N	PCB-138/158	9.9	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0301200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.9	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.9	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.9	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA0301200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.9	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.9	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.9	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0301200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.9	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA0301200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,2',5-TRICHLOROBIPHENYL	9.9	9.8 J	9.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200913-15	N	2,4,4'-TRICHLOROBIPHENYL	9.9	9.8 J	9.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200917-19	N	2,4'-DICHLOROBIPHENYL	11.0	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	16.0	16.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	83.0	83.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	100	100	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200917-19	N	PCB-138/158	11.0	89.0	89.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	55.0	55.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	79.0	79.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	92.0	92.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	97.0	97.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,2',5-TRICHLOROBIPHENYL	11.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA0301200917-19	N	2,4,4'-TRICHLOROBIPHENYL	11.0	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,4'-DICHLOROBIPHENYL	13.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	13.0	37.0	37.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	13.0	93.0	93.0	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	13.0	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	190	190	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	13.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	13.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	2,3,4,4',5-Pentachlorobiphenyl	13.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	13.0	210	210	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	13.0	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200921-23	N	PCB-138/158	13.0	200	200	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	13.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	230	230	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	13.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	180	180	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	210	210	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	200	200	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	13.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0301200921-23	N	2,2',5-TRICHLOROBIPHENYL	13.0	92.0	92.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200921-23	N	2,4,4'-TRICHLOROBIPHENYL	13.0	92.0	92.0	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,4'-DICHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	13.0	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	13.0	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	13.0	93.0	93.0	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	52.0	52.0	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	13.0	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	190	190	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	13.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,3,4,4',5-Pentachlorobiphenyl	13.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	13.0	190	190	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	13.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	PCB-138/158	13.0	190	190	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	13.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	200	200	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	89.0	89.0	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	13.0	23.0	23.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	150	150	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	170	170	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	160	160	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	13.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,2',5-TRICHLOROBIPHENYL	13.0	61.0	61.0	ug/kg	
PCBSIM/NONE	SE	OA0301200925-27	N	2,4,4'-TRICHLOROBIPHENYL	13.0	62.0	62.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,4'-DICHLOROBIPHENYL	9.9	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.9	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.9	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.9	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.9	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.9	80.0	80.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.9	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.9	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	9.9	78.0	78.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.9	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	PCB-138/158	9.9	80.0	80.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.9	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.9	83.0	83.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.9	40.0	40.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.9	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.9	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.9	67.0	67.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.9	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200929-31	N	2,2',5-TRICHLOROBIPHENYL	9.9	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0301200929-31	N	2,4,4'-TRICHLOROBIPHENYL	9.9	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0301200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	8.3	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0301200933-35	N	PCB-138/158	8.3	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0301200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA0301200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0301200933-35	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	21.0	21.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0301200933-35	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200933-35	N	2,2',5-TRICHLOROBIPHENYL	8.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0301200933-35	N	2,4,4'-TRICHLOROBIPHENYL	8.3	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.2 J	2.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0301200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	OA0301200937-39	N	PCB-138/158	7.6	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0301200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	OA0301200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,2',5-TRICHLOROBIPHENYL	7.6	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.6	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200957-59	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200957-59	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200957-59	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0301200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	6.2 J	6.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0301200957-59	N	PCB-138/158	7.1	5.2 J	5.2 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA0301200901	N	Moisture	0.10	49.0	49.0	PERCENT	
D2216/NONE	SE	OA0301200903	N	Moisture	0.10	45.5	45.5	PERCENT	
D2216/NONE	SE	OA0301200905	N	Moisture	0.10	43.4	43.4	PERCENT	
D2216/NONE	SE	OA0301200907	N	Moisture	0.10	42.6	42.6	PERCENT	
D2216/NONE	SE	OA0301200909-11	N	Moisture	0.10	44.3	44.3	PERCENT	
D2216/NONE	SE	OA0301200913-15	N	Moisture	0.10	49.3	49.3	PERCENT	
D2216/NONE	SE	OA0301200917-19	N	Moisture	0.10	54.9	54.9	PERCENT	
D2216/NONE	SE	OA0301200921-23	N	Moisture	0.10	62.3	62.3	PERCENT	
D2216/NONE	SE	OA0301200925-27	N	Moisture	0.10	60.5	60.5	PERCENT	
D2216/NONE	SE	OA0301200929-31	N	Moisture	0.10	49.4	49.4	PERCENT	
D2216/NONE	SE	OA0301200933-35	N	Moisture	0.10	40.1	40.1	PERCENT	
D2216/NONE	SE	OA0301200937-39	N	Moisture	0.10	33.9	33.9	PERCENT	
D2216/NONE	SE	OA0301200941-43	N	Moisture	0.10	30.8	30.8	PERCENT	
D2216/NONE	SE	OA0301200945-47	N	Moisture	0.10	28.7	28.7	PERCENT	
D2216/NONE	SE	OA0301200949-51	N	Moisture	0.10	27.4	27.4	PERCENT	
D2216/NONE	SE	OA0301200953-55	N	Moisture	0.10	26.7	26.7	PERCENT	
D2216/NONE	SE	OA0301200957-59	N	Moisture	0.10	29.5	29.5	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA0301200901	N	Total Organic Carbon	0.098	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA0301200903	N	Total Organic Carbon	0.092	4.4	4.4	PERCENT	
SW9060/NONE	SE	OA0301200905	N	Total Organic Carbon	0.088	3.7	3.7	PERCENT	
SW9060/NONE	SE	OA0301200907	N	Total Organic Carbon	0.087	3.5	3.5	PERCENT	
SW9060/NONE	SE	OA0301200909-11	N	Total Organic Carbon	0.090	3.8	3.8	PERCENT	
SW9060/NONE	SE	OA0301200913-15	N	Total Organic Carbon	0.099	5.4	5.4	PERCENT	
SW9060/NONE	SE	OA0301200917-19	N	Total Organic Carbon	0.11	7.4	7.4	PERCENT	
SW9060/NONE	SE	OA0301200921-23	N	Total Organic Carbon	0.13	11.0	11.0	PERCENT	
SW9060/NONE	SE	OA0301200925-27	N	Total Organic Carbon	0.13	10.0	10.0	PERCENT	
SW9060/NONE	SE	OA0301200929-31	N	Total Organic Carbon	0.099	6.6	6.6	PERCENT	
SW9060/NONE	SE	OA0301200933-35	N	Total Organic Carbon	0.083	3.9	3.9	PERCENT	
SW9060/NONE	SE	OA0301200937-39	N	Total Organic Carbon	0.076	2.8	2.8	PERCENT	
SW9060/NONE	SE	OA0301200941-43	N	Total Organic Carbon	0.072	2.2	2.2	PERCENT	
SW9060/NONE	SE	OA0301200945-47	N	Total Organic Carbon	0.070	2.2	2.2	PERCENT	
SW9060/NONE	SE	OA0301200949-51	N	Total Organic Carbon	0.069	2.2	2.2	PERCENT	
SW9060/NONE	SE	OA0301200953-55	N	Total Organic Carbon	0.068	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA0301200957-59	N	Total Organic Carbon	0.071	2.0	2.0	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111384

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the EDD for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

3. **Moisture by D2216**
   A laboratory duplicate (LR) was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111384

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111384, Certified - 2/5/2010 M by DanielleGonsman

QC Level:

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 16-Feb-2010

Samples Included in SDG 09111384

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	13	0
D2216/NONE	13	0
PCBSIM/NONE	13	0
SW9060/NONE	13	0

AUTOMATED DATA REVIEW SUMMARY for 09111384

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111384. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111384

Negative Blank

Confirmation Column Difference

Field Blank

Lab Replicate RPD

Calibration Blank

Equip Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 09111384

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.14% (1 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

16-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119L14	091119L14	NA	LABQC	SQ	LABQC	099130133		11/19/2009 12:00	11/19/2009 10:05	BS
	091119L14	NA	LABQC	SQ	LABQC	099130133		11/19/2009 12:00	11/19/2009 10:28	BD
	091119L14	NA	LABQC	SQ	LABQC	099130133		11/19/2009 12:00	11/19/2009 10:52	LB
091119L15	091119L15	NA	LABQC	SQ	LABQC	099130135		11/19/2009 12:00	11/19/2009 11:15	BS
	091119L15	NA	LABQC	SQ	LABQC	099130135		11/19/2009 12:00	11/19/2009 11:39	BD
	091119L15	NA	LABQC	SQ	LABQC	099130135		11/19/2009 12:00	11/20/2009 12:02	LB
091119S14	091119L14	NA	OA04	SE	OA0401200901	091113841		11/16/2009 12:00	11/23/2009 3:05	N
	091119L14	NA	OA04	SE	OA0401200901	091113841		11/16/2009 12:00	11/23/2009 3:05	N
	091119L14	NA	OA04	SE	OA0401200903	091113842		11/16/2009 12:00	11/23/2009 3:28	N
	091119L14	NA	OA04	SE	OA0401200903	091113842		11/16/2009 12:00	11/23/2009 3:28	N
	091119L14	NA	OA04	SE	OA0401200905	091113843		11/16/2009 12:00	11/23/2009 3:52	N
	091119L14	NA	OA04	SE	OA0401200905	091113843		11/16/2009 12:00	11/23/2009 3:52	N
	091119L14	NA	OA04	SE	OA0401200907	091113844		11/16/2009 12:00	11/23/2009 4:16	N
	091119L14	NA	OA04	SE	OA0401200907	091113844		11/16/2009 12:00	11/23/2009 4:16	N
	091119L14	NA	OA04	SE	OA0401200909-11	0911138424		11/16/2009 12:00	11/23/2009 4:39	N
	091119L14	NA	OA04	SE	OA0401200909-11	0911138424		11/16/2009 12:00	11/23/2009 4:39	N
	091119L14	NA	OA04	SE	OA0401200913-15	0911138425		11/16/2009 12:00	11/23/2009 7:00	N
	091119L14	NA	OA04	SE	OA0401200913-15	0911138425		11/16/2009 12:00	11/23/2009 7:00	N
	091119L14	NA	OA04	SE	OA0401200917-19	0911138426		11/16/2009 12:00	11/23/2009 7:23	N
	091119L14	NA	OA04	SE	OA0401200917-19	0911138426		11/16/2009 12:00	11/23/2009 7:23	N
	091119L14	NA	OA04	SE	OA0401200921-23	0911138427		11/16/2009 12:00	11/23/2009 7:47	N
	091119L14	NA	OA04	SE	OA0401200921-23	0911138427		11/16/2009 12:00	11/23/2009 7:47	N
	091119L14	NA	OA04	SE	OA0401200925-27	0911138428		11/16/2009 12:00	11/23/2009 8:10	N
	091119L14	NA	OA04	SE	OA0401200925-27	0911138428		11/16/2009 12:00	11/23/2009 8:10	N
	091119L14	NA	OA04	SE	OA0401200901	091113841		11/16/2009 12:00	11/23/2009 8:34	N
	091119L14	NA	OA04	SE	OA0401200903	091113842		11/16/2009 12:00	11/23/2009 8:57	N
091119L14	091119L14	NA	OA04	SE	OA0401200907	091113844		11/16/2009 12:00	11/23/2009 9:21	N

AUTOMATED DATA REVIEW SUMMARY for 09111384

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119S14	091119L14	NA	OA04	SE	OA0401200909-11	0911138424		11/16/2009 12:00	11/23/2009 9:44	N
	091119L14	NA	OA04	SE	OA0401200913-15	0911138425		11/16/2009 12:00	11/24/2009 10:07	N
	091119L14	NA	OA04	SE	OA0401200917-19	0911138426		11/16/2009 12:00	11/24/2009 10:31	N
	091119L14	NA	OA04	SE	OA0401200921-23	0911138427		11/16/2009 12:00	11/24/2009 10:54	N
	091119L14	NA	OA04	SE	OA0401200925-27	0911138428		11/16/2009 12:00	11/24/2009 11:18	N
	091119L14	NA	OA04	SE	OA0401200903	091113842		11/16/2009 12:00	11/24/2009 11:41	N
091119S15	091119L15	NA	OA04	SE	OA0401200929-31	0911138429		11/16/2009 12:00	11/25/2009 3:13	N
	091119L15	NA	OA04	SE	OA0401200929-31	0911138429		11/16/2009 12:00	11/25/2009 3:13	N
	091119L15	NA	OA04	SE	OA0401200933-35	0911138430		11/16/2009 12:00	11/25/2009 3:36	N
	091119L15	NA	OA04	SE	OA0401200933-35	0911138430		11/16/2009 12:00	11/25/2009 3:36	N
	091119L15	NA	OA04	SE	OA0401200937-39	0911138431		11/16/2009 12:00	11/25/2009 4:00	N
	091119L15	NA	OA04	SE	OA0401200937-39	0911138431		11/16/2009 12:00	11/25/2009 4:00	N
	091119L15	NA	OA04	SE	OA0401200929-31	0911138429		11/16/2009 12:00	11/25/2009 6:51	N
	091119L15	NA	OA04	SE	OA0401200933-35	0911138430		11/16/2009 12:00	11/25/2009 7:15	N
	091119L15	NA	OA04	SE	OA0401200941-43	0911138432		11/16/2009 12:00	11/25/2009 7:38	N
	091119L15	NA	OA04	SE	OA0401200941-43	0911138432		11/16/2009 12:00	11/25/2009 7:38	N

AUTOMATED DATA REVIEW SUMMARY for 09111384

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123MOID3	NA	NA	OA04	SE	OA0401200903	091113842		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA04	SE	OA0401200905	091113843		11/16/2009 12:00	11/23/2009 2:00	N
	NA	NA	OA04	SE	OA0401200901	091113841		11/16/2009 12:00	11/23/2009 2:00	N
91123MOIB3	NA	NA	LABQC	SQ	LABQC	099050141577		11/23/2009 2:00	11/23/2009 2:00	LB
91123MOIB4	NA	NA	LABQC	SQ	LABQC	099050141578		11/23/2009 6:00	11/23/2009 6:00	LB
91123MOID4	NA	NA	OA04	SE	OA0401200907	091113844		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA04	SE	OA0401200929-31	0911138429		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA04	SE	OA0401200925-27	0911138428		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA04	SE	OA0401200921-23	0911138427		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA04	SE	OA0401200909-11	0911138424		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA04	SE	OA0401200917-19	0911138426		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA04	SE	OA0401200913-15	0911138425		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA04	SE	OA0401200941-43	0911138432		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA04	SE	OA0401200937-39	0911138431		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA04	SE	OA0401200933-35	0911138430		11/16/2009 12:00	11/23/2009 6:00	N

AUTOMATED DATA REVIEW SUMMARY for 09111384

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119S18	091119L18A	NA	OA04	SE	OA0401200903	091113842		11/16/2009 12:00	11/22/2009 9:02	N
	091119L18A	NA	OA04	SE	OA0401200903	091113842		11/16/2009 12:00	11/22/2009 9:02	N
	091119L18A	NA	OA04	SE	OA0401200905	091113843		11/16/2009 12:00	11/22/2009 9:31	N
	091119L18A	NA	OA04	SE	OA0401200905	091113843		11/16/2009 12:00	11/22/2009 9:31	N
	091119L18A	NA	OA04	SE	OA0401200917-19	0911138426		11/16/2009 12:00	11/23/2009 12:17	N
	091119L18A	NA	OA04	SE	OA0401200917-19	0911138426		11/16/2009 12:00	11/23/2009 12:17	N
091119L18A	091119L18A	NA	LABQC	SQ	LABQC	0991301723		11/19/2009 12:00	11/24/2009 12:47	BS
	091119L18A	NA	LABQC	SQ	LABQC	0991301723		11/19/2009 12:00	11/24/2009 1:18	BD
	091119L18A	NA	LABQC	SQ	LABQC	0991301723		11/19/2009 12:00	12/11/2009 8:21	LB
091212L03	091212L03	NA	LABQC	SQ	LABQC	0991301774		12/12/2009 12:00	12/26/2009 4:57	LB
	091212L03	NA	LABQC	SQ	LABQC	0991301774		12/12/2009 12:00	12/26/2009 5:26	BS
	091212L03	NA	LABQC	SQ	LABQC	0991301774		12/12/2009 12:00	12/26/2009 5:54	BD
091212S03	091212L03	NA	OA04	SE	OA0401200901	091113841		11/16/2009 12:00	12/27/2009 2:25	N
	091212L03	NA	OA04	SE	OA0401200907	091113844		11/16/2009 12:00	12/27/2009 2:53	N
	091212L03	NA	OA04	SE	OA0401200941-43	0911138432		11/16/2009 12:00	12/27/2009 3:02	MS
	091212L03	NA	OA04	SE	OA0401200941-43	0911138432		11/16/2009 12:00	12/27/2009 3:31	SD
	091212L03	NA	OA04	SE	OA0401200909-11	0911138424		11/16/2009 12:00	12/27/2009 5:25	N
	091212L03	NA	OA04	SE	OA0401200913-15	0911138425		11/16/2009 12:00	12/27/2009 5:53	N
	091212L03	NA	OA04	SE	OA0401200921-23	0911138427		11/16/2009 12:00	12/27/2009 6:22	N
	091212L03	NA	OA04	SE	OA0401200925-27	0911138428		11/16/2009 12:00	12/27/2009 6:50	N
	091212L03	NA	OA04	SE	OA0401200929-31	0911138429		11/16/2009 12:00	12/27/2009 7:18	N
	091212L03	NA	OA04	SE	OA0401200933-35	0911138430		11/16/2009 12:00	12/27/2009 7:47	N
	091212L03	NA	OA04	SE	OA0401200937-39	0911138431		11/16/2009 12:00	12/27/2009 8:15	N
	091212L03	NA	OA04	SE	OA0401200941-43	0911138432		11/16/2009 12:00	12/28/2009 3:52	N

AUTOMATED DATA REVIEW SUMMARY for 09111384

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91120TOCS1	NA	NA	OA04	SE	OA0401200941-43	0911138432		11/16/2009 12:00	11/20/2009 10:15	SD
	NA	NA	OA04	SE	OA0401200941-43	0911138432		11/16/2009 12:00	11/20/2009 10:15	MS
	NA	NA	OA04	SE	OA0401200941-43	0911138432		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200937-39	0911138431		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200933-35	0911138430		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200921-23	0911138427		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200925-27	0911138428		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200929-31	0911138429		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200909-11	0911138424		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200917-19	0911138426		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200913-15	0911138425		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200903	091113842		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200905	091113843		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200907	091113844		11/16/2009 12:00	11/20/2009 10:15	N
	NA	NA	OA04	SE	OA0401200901	091113841		11/16/2009 12:00	11/20/2009 10:15	N
91120TOCL1	NA	NA	LABQC	SQ	LABQC	09906013406		11/20/2009 10:15	11/20/2009 10:15	BS
	NA	NA	LABQC	SQ	LABQC	09906013406		11/20/2009 10:15	11/20/2009 10:15	LB

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
PCBSIM / SW3545	Blank	P091119L18ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	3.2	ug/kg	U/None	< 1.9	< 12	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.8	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.8	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.8	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.8	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.8	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,2',5-TRICHLOROBIPHENYL	9.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,4,4'-TRICHLOROBIPHENYL	9.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,2',5-TRICHLOROBIPHENYL	8.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,4,4'-TRICHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200905	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200905	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.5	8.5 BJ	8.5 U	ug/kg	B1
PCBSIM/NONE	SE	OA0401200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	3.9 J	3.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200907	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.2	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.2	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200907	N	2,2',5-TRICHLOROBIPHENYL	9.2	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.7	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.7	9.5 J	9.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.7	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.7	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.7	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.7	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.7	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200913-15	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200917-19	N	2,4'-DICHLOROBIPHENYL	12.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200917-19	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200917-19	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	9.9 J	9.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200921-23	N	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200921-23	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2,4'-DICHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.7	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200937-39	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	3.0 J	3.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0401200901	N	o,p'-DDT	9.8	5.8 J	5.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0401200905	N	p,p'-DDT	8.5	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0401200941-43	N	o,p'-DDE	6.9	3.4 J	3.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0401200901	N	o,p'-DDD	9.8	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA0401200901	N	p,p'-DDD	9.8	150	150	ug/kg	
BNASIM/NONE	SE	OA0401200901	N	o,p'-DDE	9.8	210	210	ug/kg	
BNASIM/NONE	SE	OA0401200901	N	p,p'-DDE	49.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA0401200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.8	310	310	ug/kg	
BNASIM/NONE	SE	OA0401200901	N	1,1-bis(p-chlorophenyl)ethane	9.8	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA0401200901	N	o,p'-DDT	9.8	5.8 J	5.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0401200901	N	p,p'-DDT	9.8	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA0401200903	N	o,p'-DDD	170	2600 D	2600	ug/kg	
BNASIM/NONE	SE	OA0401200903	N	p,p'-DDD	170	5300 D	5300	ug/kg	
BNASIM/NONE	SE	OA0401200903	N	o,p'-DDE	170	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA0401200903	N	p,p'-DDE	420	24000 D	24000	ug/kg	
BNASIM/NONE	SE	OA0401200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	490	490	ug/kg	
BNASIM/NONE	SE	OA0401200903	N	1,1-bis(p-chlorophenyl)ethane	8.3	55.0	55.0	ug/kg	
BNASIM/NONE	SE	OA0401200903	N	o,p'-DDT	8.3	540	540	ug/kg	
BNASIM/NONE	SE	OA0401200903	N	p,p'-DDT	170	310 D	310	ug/kg	
BNASIM/NONE	SE	OA0401200905	N	o,p'-DDD	8.5	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA0401200905	N	p,p'-DDD	8.5	97.0	97.0	ug/kg	
BNASIM/NONE	SE	OA0401200905	N	o,p'-DDE	8.5	99.0	99.0	ug/kg	
BNASIM/NONE	SE	OA0401200905	N	p,p'-DDE	8.5	620	620	ug/kg	
BNASIM/NONE	SE	OA0401200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.5	130	130	ug/kg	
BNASIM/NONE	SE	OA0401200905	N	1,1-bis(p-chlorophenyl)ethane	8.5	28.0	28.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0401200905	N	p,p'-DDT	8.5	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0401200907	N	o,p'-DDD	9.2	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA0401200907	N	p,p'-DDD	9.2	300	300	ug/kg	
BNASIM/NONE	SE	OA0401200907	N	o,p'-DDE	9.2	160	160	ug/kg	
BNASIM/NONE	SE	OA0401200907	N	p,p'-DDE	46.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA0401200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.2	200	200	ug/kg	
BNASIM/NONE	SE	OA0401200907	N	1,1-bis(p-chlorophenyl)ethane	9.2	58.0	58.0	ug/kg	
BNASIM/NONE	SE	OA0401200907	N	p,p'-DDT	9.2	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA0401200909-11	N	o,p'-DDD	9.7	45.0	45.0	ug/kg	
BNASIM/NONE	SE	OA0401200909-11	N	p,p'-DDD	9.7	340	340	ug/kg	
BNASIM/NONE	SE	OA0401200909-11	N	o,p'-DDE	9.7	320	320	ug/kg	
BNASIM/NONE	SE	OA0401200909-11	N	p,p'-DDE	48.0	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA0401200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.7	650	650	ug/kg	
BNASIM/NONE	SE	OA0401200909-11	N	1,1-bis(p-chlorophenyl)ethane	9.7	150	150	ug/kg	
BNASIM/NONE	SE	OA0401200909-11	N	p,p'-DDT	9.7	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA0401200913-15	N	o,p'-DDD	11.0	390	390	ug/kg	
BNASIM/NONE	SE	OA0401200913-15	N	p,p'-DDD	290	1000 D	1000	ug/kg	
BNASIM/NONE	SE	OA0401200913-15	N	o,p'-DDE	290	3500 D	3500	ug/kg	
BNASIM/NONE	SE	OA0401200913-15	N	p,p'-DDE	290	14000 D	14000	ug/kg	
BNASIM/NONE	SE	OA0401200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	290	7500 D	7500	ug/kg	
BNASIM/NONE	SE	OA0401200913-15	N	1,1-bis(p-chlorophenyl)ethane	290	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA0401200913-15	N	o,p'-DDT	11.0	88.0	88.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0401200913-15	N	p,p'-DDT	290	4500 D	4500	ug/kg	
BNASIM/NONE	SE	OA0401200917-19	N	o,p'-DDD	12.0	420	420	ug/kg	
BNASIM/NONE	SE	OA0401200917-19	N	p,p'-DDD	290	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA0401200917-19	N	o,p'-DDE	290	3600 D	3600	ug/kg	
BNASIM/NONE	SE	OA0401200917-19	N	p,p'-DDE	290	22000 D	22000	ug/kg	
BNASIM/NONE	SE	OA0401200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	290	4700 D	4700	ug/kg	
BNASIM/NONE	SE	OA0401200917-19	N	1,1-bis(p-chlorophenyl)ethane	12.0	1100	1100	ug/kg	
BNASIM/NONE	SE	OA0401200917-19	N	o,p'-DDT	12.0	31.0	31.0	ug/kg	
BNASIM/NONE	SE	OA0401200917-19	N	p,p'-DDT	12.0	110	110	ug/kg	
BNASIM/NONE	SE	OA0401200921-23	N	o,p'-DDD	11.0	330	330	ug/kg	
BNASIM/NONE	SE	OA0401200921-23	N	p,p'-DDD	220	1700 D	1700	ug/kg	
BNASIM/NONE	SE	OA0401200921-23	N	o,p'-DDE	220	2400 D	2400	ug/kg	
BNASIM/NONE	SE	OA0401200921-23	N	p,p'-DDE	220	15000 D	15000	ug/kg	
BNASIM/NONE	SE	OA0401200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	220	2200 D	2200	ug/kg	
BNASIM/NONE	SE	OA0401200921-23	N	1,1-bis(p-chlorophenyl)ethane	11.0	700	700	ug/kg	
BNASIM/NONE	SE	OA0401200921-23	N	o,p'-DDT	11.0	34.0	34.0	ug/kg	
BNASIM/NONE	SE	OA0401200921-23	N	p,p'-DDT	11.0	320	320	ug/kg	
BNASIM/NONE	SE	OA0401200925-27	N	o,p'-DDD	8.2	170	170	ug/kg	
BNASIM/NONE	SE	OA0401200925-27	N	p,p'-DDD	82.0	970 D	970	ug/kg	
BNASIM/NONE	SE	OA0401200925-27	N	o,p'-DDE	8.2	770	770	ug/kg	
BNASIM/NONE	SE	OA0401200925-27	N	p,p'-DDE	82.0	6100 D	6100	ug/kg	
BNASIM/NONE	SE	OA0401200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	800	800	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0401200925-27	N	1,1-bis(p-chlorophenyl)ethane	8.2	300	300	ug/kg	
BNASIM/NONE	SE	OA0401200925-27	N	o,p'-DDT	8.2	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA0401200925-27	N	p,p'-DDT	8.2	120	120	ug/kg	
BNASIM/NONE	SE	OA0401200929-31	N	o,p'-DDD	7.7	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA0401200929-31	N	p,p'-DDD	7.7	280	280	ug/kg	
BNASIM/NONE	SE	OA0401200929-31	N	o,p'-DDE	7.7	340	340	ug/kg	
BNASIM/NONE	SE	OA0401200929-31	N	p,p'-DDE	77.0	2900 D	2900	ug/kg	
BNASIM/NONE	SE	OA0401200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	420	420	ug/kg	
BNASIM/NONE	SE	OA0401200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.7	130	130	ug/kg	
BNASIM/NONE	SE	OA0401200933-35	N	o,p'-DDD	7.2	8.8	8.8	ug/kg	
BNASIM/NONE	SE	OA0401200933-35	N	p,p'-DDD	7.2	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA0401200933-35	N	o,p'-DDE	7.2	120	120	ug/kg	
BNASIM/NONE	SE	OA0401200933-35	N	p,p'-DDE	36.0	930 D	930	ug/kg	
BNASIM/NONE	SE	OA0401200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	120	120	ug/kg	
BNASIM/NONE	SE	OA0401200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.2	54.0	54.0	ug/kg	
BNASIM/NONE	SE	OA0401200937-39	N	o,p'-DDD	7.2	7.4	7.4	ug/kg	
BNASIM/NONE	SE	OA0401200937-39	N	p,p'-DDD	7.2	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA0401200937-39	N	o,p'-DDE	7.2	59.0	59.0	ug/kg	
BNASIM/NONE	SE	OA0401200937-39	N	p,p'-DDE	7.2	310	310	ug/kg	
BNASIM/NONE	SE	OA0401200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	100	100	ug/kg	
BNASIM/NONE	SE	OA0401200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.2	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA0401200941-43	N	o,p'-DDE	6.9	3.4 J	3.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0401200941-43	N	p,p'-DDE	6.9	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA0401200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	9.8	9.8	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.8	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.8	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.8	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.8	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0401200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.8	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0401200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.8	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	PCB-138/158	9.8	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0401200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.8	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.8	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0401200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.8	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0401200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0401200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.8	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0401200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.8	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0401200901	N	2,2',5-TRICHLOROBIPHENYL	9.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200901	N	2,4,4'-TRICHLOROBIPHENYL	9.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	2.6 J	2.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	PCB-138/158	8.3	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA0401200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.3	12.0 B	12.0	ug/kg	
PCBSIM/NONE	SE	OA0401200903	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0401200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	OA0401200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA0401200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA0401200903	N	2,2',5-TRICHLOROBIPHENYL	8.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200903	N	2,4,4'-TRICHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200905	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.2	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.2	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.2	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.2	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	2,3',4,4',5-Pentachlorobiphenyl	9.2	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200907	N	PCB-138/158	9.2	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.2	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.2	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.2	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.2	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.2	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.2	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.2	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0401200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.2	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200907	N	2,2',5-TRICHLOROBIPHENYL	9.2	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200907	N	2,4,4'-TRICHLOROBIPHENYL	9.2	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.7	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.7	9.5 J	9.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.7	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.7	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.7	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA0401200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	9.7	48.0	48.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.7	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	PCB-138/158	9.7	44.0	44.0	ug/kg	
PCBSIM/NONE	SE	OA0401200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.7	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.7	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.7	50.0	50.0	ug/kg	
PCBSIM/NONE	SE	OA0401200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.7	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.7	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.7	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA0401200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.7	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA0401200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.7	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200909-11	N	2,2',5-TRICHLOROBIPHENYL	9.7	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0401200909-11	N	2,4,4'-TRICHLOROBIPHENYL	9.7	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,4'-DICHLOROBIPHENYL	11.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	72.0	72.0	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	150	150	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	190	190	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	PCB-138/158	11.0	160	160	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	220	220	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	100	100	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	170	170	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	180	180	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	200	200	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,2',5-TRICHLOROBIPHENYL	11.0	70.0	70.0	ug/kg	
PCBSIM/NONE	SE	OA0401200913-15	N	2,4,4'-TRICHLOROBIPHENYL	11.0	84.0	84.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,4'-DICHLOROBIPHENYL	12.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	83.0	83.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200917-19	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	12.0	100	100	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	PCB-138/158	12.0	85.0	85.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	26.0 B	26.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	9.9 J	9.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	100	100	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	82.0	82.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	83.0	83.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,2',5-TRICHLOROBIPHENYL	12.0	50.0	50.0	ug/kg	
PCBSIM/NONE	SE	OA0401200917-19	N	2,4,4'-TRICHLOROBIPHENYL	12.0	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,4'-DICHLOROBIPHENYL	11.0	11.0 J	11.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	62.0	62.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	120	120	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	61.0	61.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	420	420	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200921-23	N	2,3,4,4',5-Pentachlorobiphenyl	11.0	18.0	18.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	510	510	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	PCB-138/158	11.0	500	500	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	66.0	66.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	520	520	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	280	280	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	210	210	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	250	250	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	240	240	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	44.0	44.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,2',5-TRICHLOROBIPHENYL	11.0	58.0	58.0	ug/kg	
PCBSIM/NONE	SE	OA0401200921-23	N	2,4,4'-TRICHLOROBIPHENYL	11.0	57.0	57.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	2,4'-DICHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	8.2	40.0	40.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	PCB-138/158	8.2	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0401200925-27	N	2,4,4'-TRICHLOROBIPHENYL	8.2	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0401200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0401200929-31	N	PCB-138/158	7.7	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0401200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	26.0	26.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0401200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.7	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0401200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0401200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200929-31	N	2,2',5-TRICHLOROBIPHENYL	7.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0401200929-31	N	2,4,4'-TRICHLOROBIPHENYL	7.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0401200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	7.9	7.9	ug/kg	
PCBSIM/NONE	SE	OA0401200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	7.5	7.5	ug/kg	
PCBSIM/NONE	SE	OA0401200933-35	N	PCB-138/158	7.2	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	OA0401200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0401200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	8.3	8.3	ug/kg	
PCBSIM/NONE	SE	OA0401200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0401200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA0401200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0401200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	50.0	50.0	ug/kg	
PCBSIM/NONE	SE	OA0401200937-39	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0401200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200937-39	N	PCB-138/158	7.2	44.0	44.0	ug/kg	
PCBSIM/NONE	SE	OA0401200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0401200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	13.0	13.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA0401200901	N	Moisture	0.10	49.1	49.1	PERCENT	
D2216/NONE	SE	OA0401200903	N	Moisture	0.10	40.0	40.0	PERCENT	
D2216/NONE	SE	OA0401200905	N	Moisture	0.10	41.1	41.1	PERCENT	
D2216/NONE	SE	OA0401200907	N	Moisture	0.10	45.6	45.6	PERCENT	
D2216/NONE	SE	OA0401200909-11	N	Moisture	0.10	48.2	48.2	PERCENT	
D2216/NONE	SE	OA0401200913-15	N	Moisture	0.10	56.5	56.5	PERCENT	
D2216/NONE	SE	OA0401200917-19	N	Moisture	0.10	57.1	57.1	PERCENT	
D2216/NONE	SE	OA0401200921-23	N	Moisture	0.10	53.7	53.7	PERCENT	
D2216/NONE	SE	OA0401200925-27	N	Moisture	0.10	39.3	39.3	PERCENT	
D2216/NONE	SE	OA0401200929-31	N	Moisture	0.10	35.2	35.2	PERCENT	
D2216/NONE	SE	OA0401200933-35	N	Moisture	0.10	30.3	30.3	PERCENT	
D2216/NONE	SE	OA0401200937-39	N	Moisture	0.10	30.4	30.4	PERCENT	
D2216/NONE	SE	OA0401200941-43	N	Moisture	0.10	27.6	27.6	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA0401200901	N	Total Organic Carbon	0.098	4.9	4.9	PERCENT	
SW9060/NONE	SE	OA0401200903	N	Total Organic Carbon	0.083	2.5	2.5	PERCENT	
SW9060/NONE	SE	OA0401200905	N	Total Organic Carbon	0.085	2.9	2.9	PERCENT	
SW9060/NONE	SE	OA0401200907	N	Total Organic Carbon	0.092	3.8	3.8	PERCENT	
SW9060/NONE	SE	OA0401200909-11	N	Total Organic Carbon	0.097	4.8	4.8	PERCENT	
SW9060/NONE	SE	OA0401200913-15	N	Total Organic Carbon	0.11	7.0	7.0	PERCENT	
SW9060/NONE	SE	OA0401200917-19	N	Total Organic Carbon	0.12	8.1	8.1	PERCENT	
SW9060/NONE	SE	OA0401200921-23	N	Total Organic Carbon	0.11	6.0	6.0	PERCENT	
SW9060/NONE	SE	OA0401200925-27	N	Total Organic Carbon	0.082	3.5	3.5	PERCENT	
SW9060/NONE	SE	OA0401200929-31	N	Total Organic Carbon	0.077	3.3	3.3	PERCENT	
SW9060/NONE	SE	OA0401200933-35	N	Total Organic Carbon	0.072	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA0401200937-39	N	Total Organic Carbon	0.072	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA0401200941-43	N	Total Organic Carbon	0.069	1.5	1.5	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111385

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111385

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment (Slicing Event 1)
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111385, Certified - 2/5/2010 M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Evin McKinney
Data Reviewer Title:	Senior Scientist
Date of Review Report:	15-Feb-2010

Samples Included in SDG 09111385

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	20	0
D2216/NONE	20	0
PCBSIM/NONE	20	0
SW9060/NONE	20	0

AUTOMATED DATA REVIEW SUMMARY for 09111385

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111385. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Blank

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111385

Confirmation Column Difference

Field Blank

Calibration Blank

Equip Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09111385

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 1.63% (17 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

15-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111385

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120L01	091120L01	NA	LABQC	SQ	LABQC	099130134		11/20/2009 12:00	11/23/2009 5:50	LB
	091120L01	NA	LABQC	SQ	LABQC	099130134		11/20/2009 12:00	11/23/2009 6:13	BS
	091120L01	NA	LABQC	SQ	LABQC	099130134		11/20/2009 12:00	11/23/2009 6:37	BD
091120S01	091120L01	NA	OA02	SE	OA0201200901	091113851		11/16/2009 12:00	11/23/2009 10:54	N
	091120L01	NA	OA02	SE	OA0201200901	091113851		11/16/2009 12:00	11/23/2009 10:54	N
	091120L01	NA	OA02	SE	OA0201200903	091113852		11/16/2009 12:00	11/23/2009 11:18	N
	091120L01	NA	OA02	SE	OA0201200903	091113852		11/16/2009 12:00	11/23/2009 11:18	N
	091120L01	NA	OA02	SE	OA0201200905	091113853		11/16/2009 12:00	11/23/2009 11:41	N
	091120L01	NA	OA02	SE	OA0201200905	091113853		11/16/2009 12:00	11/23/2009 11:41	N
	091120L01	NA	OA02	SE	OA0201200907	091113854		11/16/2009 12:00	11/24/2009 12:05	N
	091120L01	NA	OA02	SE	OA0201200907	091113854		11/16/2009 12:00	11/24/2009 12:05	N
091120S01P	091120L01	NA	OA02	SE	OA0201200969	0911138535		11/16/2009 12:00	11/24/2009 12:28	N
	091120L01	NA	OA02	SE	OA0201200969	0911138535		11/16/2009 12:00	11/24/2009 12:28	N
091120S01	091120L01	NA	OA02	SE	OA0201200909-11	0911138536		11/16/2009 12:00	11/24/2009 12:51	N
	091120L01	NA	OA02	SE	OA0201200909-11	0911138536		11/16/2009 12:00	11/24/2009 12:51	N
	091120L01	NA	OA02	SE	OA0201200913-15	0911138537		11/16/2009 12:00	11/24/2009 1:15	N
	091120L01	NA	OA02	SE	OA0201200913-15	0911138537		11/16/2009 12:00	11/24/2009 1:15	N
	091120L01	NA	OA02	SE	OA0201200917-19	0911138538		11/16/2009 12:00	11/24/2009 1:38	N
	091120L01	NA	OA02	SE	OA0201200917-19	0911138538		11/16/2009 12:00	11/24/2009 1:38	N
	091120L01	NA	OA02	SE	OA0201200921-23	0911138539		11/16/2009 12:00	11/24/2009 2:02	N
	091120L01	NA	OA02	SE	OA0201200921-23	0911138539		11/16/2009 12:00	11/24/2009 2:02	N
	091120L01	NA	OA02	SE	OA0201200925-27	0911138540		11/16/2009 12:00	11/24/2009 2:25	N
	091120L01	NA	OA02	SE	OA0201200925-27	0911138540		11/16/2009 12:00	11/24/2009 2:25	N
	091120L01	NA	OA02	SE	OA0201200929-31	0911138541		11/16/2009 12:00	11/24/2009 2:49	N
	091120L01	NA	OA02	SE	OA0201200929-31	0911138541		11/16/2009 12:00	11/24/2009 2:49	N
	091120L01	NA	OA02	SE	OA0201200933-35	0911138542		11/16/2009 12:00	11/24/2009 3:12	N
	091120L01	NA	OA02	SE	OA0201200933-35	0911138542		11/16/2009 12:00	11/24/2009 3:12	N

AUTOMATED DATA REVIEW SUMMARY for 09111385

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120S01	091120L01	NA	OA02	SE	OA0201200937-39	0911138543		11/16/2009 12:00	11/24/2009 3:35	N
	091120L01	NA	OA02	SE	OA0201200937-39	0911138543		11/16/2009 12:00	11/24/2009 3:35	N
	091120L01	NA	OA02	SE	OA0201200945-47	0911138545		11/16/2009 12:00	11/24/2009 4:22	N
	091120L01	NA	OA02	SE	OA0201200945-47	0911138545		11/16/2009 12:00	11/24/2009 4:22	N
	091120L01	NA	OA02	SE	OA0201200905	091113853		11/16/2009 12:00	11/24/2009 12:05	N
	091120L01	NA	OA02	SE	OA0201200907	091113854		11/16/2009 12:00	11/24/2009 12:28	N
	091120L01	NA	OA02	SE	OA0201200909-11	0911138536		11/16/2009 12:00	11/24/2009 12:52	N
	091120L01	NA	OA02	SE	OA0201200913-15	0911138537		11/16/2009 12:00	11/24/2009 1:15	N
	091120L01	NA	OA02	SE	OA0201200917-19	0911138538		11/16/2009 12:00	11/24/2009 1:39	N
	091120L01	NA	OA02	SE	OA0201200921-23	0911138539		11/16/2009 12:00	11/24/2009 2:02	N
	091120L01	NA	OA02	SE	OA0201200925-27	0911138540		11/16/2009 12:00	11/24/2009 2:26	N
	091120L01	NA	OA02	SE	OA0201200929-31	0911138541		11/16/2009 12:00	11/24/2009 2:49	N
	091120L01	NA	OA02	SE	OA0201200933-35	0911138542		11/16/2009 12:00	11/24/2009 3:13	N
	091120L01	NA	OA02	SE	OA0201200937-39	0911138543		11/16/2009 12:00	11/24/2009 3:36	N
	091120L01	NA	OA02	SE	OA0201200941-43	0911138544		11/16/2009 12:00	11/24/2009 4:00	N
	091120L01	NA	OA02	SE	OA0201200945-47	0911138545		11/16/2009 12:00	11/24/2009 4:23	N
	091120L01	NA	OA02	SE	OA0201200933-35	0911138542		11/16/2009 12:00	11/24/2009 6:12	MS
	091120L01	NA	OA02	SE	OA0201200933-35	0911138542		11/16/2009 12:00	11/24/2009 6:35	SD
	091120L01	NA	OA02	SE	OA0201200949-51	0911138546		11/16/2009 12:00	11/24/2009 6:59	N
	091120L01	NA	OA02	SE	OA0201200949-51	0911138546		11/16/2009 12:00	11/24/2009 6:59	N
	091120L01	NA	OA02	SE	OA0201200953-55	0911138547		11/16/2009 12:00	11/24/2009 7:22	N
	091120L01	NA	OA02	SE	OA0201200953-55	0911138547		11/16/2009 12:00	11/24/2009 7:22	N
	091120L01	NA	OA02	SE	OA0201200957-59	0911138548		11/16/2009 12:00	11/24/2009 7:46	N
	091120L01	NA	OA02	SE	OA0201200957-59	0911138548		11/16/2009 12:00	11/24/2009 7:46	N
	091120L01	NA	OA02	SE	OA0201200961-63	0911138549		11/16/2009 12:00	11/24/2009 8:09	N
	091120L01	NA	OA02	SE	OA0201200961-63	0911138549		11/16/2009 12:00	11/24/2009 8:09	N
	091120L01	NA	OA02	SE	OA0201200965-67	0911138550		11/16/2009 12:00	11/24/2009 8:33	N
	091120L01	NA	OA02	SE	OA0201200965-67	0911138550		11/16/2009 12:00	11/24/2009 8:33	N

AUTOMATED DATA REVIEW SUMMARY for 09111385

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120S01	091120L01	NA	OA02	SE	OA0201200949-51	0911138546		11/16/2009 12:00	11/25/2009 11:38	N
	091120L01	NA	OA02	SE	OA0201200953-55	0911138547		11/16/2009 12:00	11/25/2009 12:01	N
	091120L01	NA	OA02	SE	OA0201200957-59	0911138548		11/16/2009 12:00	11/25/2009 12:24	N
	091120L01	NA	OA02	SE	OA0201200961-63	0911138549		11/16/2009 12:00	11/25/2009 12:48	N
	091120L01	NA	OA02	SE	OA0201200941-43	0911138544		11/16/2009 12:00	11/27/2009 9:22	N
	091120L01	NA	OA02	SE	OA0201200941-43	0911138544		11/16/2009 12:00	11/27/2009 9:22	N

AUTOMATED DATA REVIEW SUMMARY for 09111385

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123MOID5	NA	NA	OA02	SE	OA0201200941-43	0911138544		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200949-51	0911138546		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200945-47	0911138545		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200937-39	0911138543		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200933-35	0911138542		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200965-67	0911138550		11/16/2009 12:00	11/23/2009 7:00	LR
	NA	NA	OA02	SE	OA0201200961-63	0911138549		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200965-67	0911138550		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200969	0911138535		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200957-59	0911138548		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200953-55	0911138547		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200921-23	0911138539		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200929-31	0911138541		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200925-27	0911138540		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200917-19	0911138538		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200913-15	0911138537		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200909-11	0911138536		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200907	091113854		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200905	091113853		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200903	091113852		11/16/2009 12:00	11/23/2009 7:00	N
	NA	NA	OA02	SE	OA0201200901	091113851		11/16/2009 12:00	11/23/2009 7:00	N
91123MOIB5	NA	NA	LABQC	SQ	LABQC	099050141580		11/23/2009 7:00	11/23/2009 7:00	LB

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120S02	091120L02A	NA	OA02	SE	OA0201200945-47	0911138545		11/16/2009 12:00	11/23/2009 2:16	SD
	091120L02A	NA	OA02	SE	OA0201200901	091113851		11/16/2009 12:00	11/23/2009 3:16	N

AUTOMATED DATA REVIEW SUMMARY for 09111385

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120S02	091120L02A	NA	OA02	SE	OA0201200901	091113851		11/16/2009 12:00	11/23/2009 3:16	N
	091120L02A	NA	OA02	SE	OA0201200903	091113852		11/16/2009 12:00	11/23/2009 3:46	N
	091120L02A	NA	OA02	SE	OA0201200903	091113852		11/16/2009 12:00	11/23/2009 3:46	N
	091120L02A	NA	OA02	SE	OA0201200933-35	0911138542		11/16/2009 12:00	11/23/2009 10:45	N
	091120L02A	NA	OA02	SE	OA0201200933-35	0911138542		11/16/2009 12:00	11/23/2009 10:45	N
091120L02A	091120L02A	NA	LABQC	SQ	LABQC	0991301725		11/20/2009 12:00	11/24/2009 3:48	BS
	091120L02A	NA	LABQC	SQ	LABQC	0991301725		11/20/2009 12:00	11/24/2009 4:18	BD
091120S02	091120L02A	NA	OA02	SE	OA0201200945-47	0911138545		11/16/2009 12:00	12/03/2009 5:48	MS
091120L02A	091120L02A	NA	LABQC	SQ	LABQC	0991301725		11/20/2009 12:00	12/11/2009 9:19	LB
091212L04	091212L04	NA	LABQC	SQ	LABQC	0991301771		12/12/2009 12:00	12/24/2009 6:26	LB
	091212L04	NA	LABQC	SQ	LABQC	0991301771		12/12/2009 12:00	12/24/2009 6:55	BS
	091212L04	NA	LABQC	SQ	LABQC	0991301771		12/12/2009 12:00	12/24/2009 7:25	BD
091212S04	091212L04	NA	OA02	SE	OA0201200905	091113853		11/16/2009 12:00	12/24/2009 7:54	N
	091212L04	NA	OA02	SE	OA0201200907	091113854		11/16/2009 12:00	12/24/2009 8:23	N
	091212L04	NA	OA02	SE	OA0201200969	0911138535		11/16/2009 12:00	12/24/2009 8:53	N
	091212L04	NA	OA02	SE	OA0201200909-11	0911138536		11/16/2009 12:00	12/24/2009 9:23	N
	091212L04	NA	OA02	SE	OA0201200913-15	0911138537		11/16/2009 12:00	12/24/2009 9:52	N
	091212L04	NA	OA02	SE	OA0201200917-19	0911138538		11/16/2009 12:00	12/24/2009 10:22	N
	091212L04	NA	OA02	SE	OA0201200921-23	0911138539		11/16/2009 12:00	12/24/2009 10:51	N
	091212L04	NA	OA02	SE	OA0201200925-27	0911138540		11/16/2009 12:00	12/24/2009 11:21	N
	091212L04	NA	OA02	SE	OA0201200929-31	0911138541		11/16/2009 12:00	12/24/2009 11:51	N
	091212L04	NA	OA02	SE	OA0201200937-39	0911138543		11/16/2009 12:00	12/25/2009 12:20	N
	091212L04	NA	OA02	SE	OA0201200941-43	0911138544		11/16/2009 12:00	12/25/2009 12:49	N
	091212L04	NA	OA02	SE	OA0201200945-47	0911138545		11/16/2009 12:00	12/25/2009 1:19	N
	091212L04	NA	OA02	SE	OA0201200949-51	0911138546		11/16/2009 12:00	12/25/2009 1:49	N
	091212L04	NA	OA02	SE	OA0201200953-55	0911138547		11/16/2009 12:00	12/25/2009 2:18	N
	091212L04	NA	OA02	SE	OA0201200957-59	0911138548		11/16/2009 12:00	12/25/2009 2:47	N
	091212L04	NA	OA02	SE	OA0201200961-63	0911138549		11/16/2009 12:00	12/25/2009 3:16	N

AUTOMATED DATA REVIEW SUMMARY for 09111385

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091212S04	091212L04	NA	OA02	SE	OA0201200965-67	0911138550		11/16/2009 12:00	12/25/2009 3:46	N
	091212L04	NA	OA02	SE	OA0201200965-67	0911138550		11/16/2009 12:00	12/26/2009 4:29	MS
	091212L04	NA	OA02	SE	OA0201200965-67	0911138550		11/16/2009 12:00	12/26/2009 4:59	SD

AUTOMATED DATA REVIEW SUMMARY for 09111385

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91120TOCS1	NA	NA	OA02	SE	OA0201200965-67	0911138550		11/16/2009 12:00	11/20/2009 9:48	SD
	NA	NA	OA02	SE	OA0201200965-67	0911138550		11/16/2009 12:00	11/20/2009 9:48	MS
	NA	NA	OA02	SE	OA0201200961-63	0911138549		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200969	0911138535		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200965-67	0911138550		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200957-59	0911138548		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200953-55	0911138547		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200941-43	0911138544		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200945-47	0911138545		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200949-51	0911138546		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200937-39	0911138543		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200933-35	0911138542		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200921-23	0911138539		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200925-27	0911138540		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200929-31	0911138541		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200917-19	0911138538		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200909-11	0911138536		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200913-15	0911138537		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200907	091113854		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200903	091113852		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200905	091113853		11/16/2009 12:00	11/20/2009 9:48	N
	NA	NA	OA02	SE	OA0201200901	091113851		11/16/2009 12:00	11/20/2009 9:48	N
91120TOCL1	NA	NA	LABQC	SQ	LABQC	09906013411		11/20/2009 9:48	11/20/2009 9:48	BS
	NA	NA	LABQC	SQ	LABQC	09906013411		11/20/2009 9:48	11/20/2009 9:48	LB

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA0201200933-35 / SD	1	1,1-bis(p-chlorophenyl) ethane	126	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0201200933-35 / SD	1	o,p'-DDD	148	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0201200933-35 / SD	1	o,p'-DDT	37.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0201200933-35 / MS	1	p,p'-DDD	127	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0201200933-35 / SD	1	p,p'-DDD	214	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0201200933-35 / MS	1	p,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0201200933-35 / SD	1	p,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA0201200933-35 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	75.4	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0201200933-35 / SD	1	o,p'-DDE	41.0	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0201200933-35 / SD	1	o,p'-DDT	47.4	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0201200933-35 / SD	1	p,p'-DDD	51.0	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0201200933-35 / SD	1	p,p'-DDT	44.1	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	MS Recovery	OA0201200945-47 / MS	1	2,3',4,4'-TETRACHLOROBIPHENYL	143	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0201200965-67 / SD	1	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	135	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0201200965-67 / SD	1	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	136	PERCENT	J/None	50 - 125	10 - 135	M	C2

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
PCBSIM / SW3545	MS Recovery	OA0201200965-67 / SD	1	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	128	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0201200965-67 / SD	1	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	137	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0201200965-67 / SD	1	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	135	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0201200965-67 / SD	1	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	142	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0201200965-67 / SD	1	2,2',3,5'-TETRACHLOROBIPHENYL	126	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0201200965-67 / SD	1	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	132	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0201200965-67 / SD	1	2,2',4,5,5'-PENTACHLOROBIPHENYL	132	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0201200965-67 / SD	1	2,3',4,4',5-Pentachlorobiphenyl	130	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0201200965-67 / SD	1	2,3,3',4,4'-PENTACHLOROBIPHENYL	127	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS RPD	OA0201200945-47 / SD	1	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	37.6	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	MS RPD	OA0201200945-47 / SD	1	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	42.5	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	MS RPD	OA0201200945-47 / SD	1	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	50.5	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	MS RPD	OA0201200945-47 / SD	1	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	42.1	RPD	J/UJ	< 30	< 60	D2	C2

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
PCBSIM / SW3545	MS RPD	OA0201200945-47 / SD	1	2,2',4,5,5'-PENTACHLOROBIPHENYL	35.3	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	MS RPD	OA0201200945-47 / SD	1	2,3',4,4'-TETRACHLOROBIPHENYL	50.9	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	Blank	P091120L02ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	3.9	ug/kg	U/None	< 1.9	< 8.7	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	13.0 B	13.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA0201200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200901	N	2,4,4'-TRICHLOROBIPHENYL	9.2	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	13.0 B	13.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA0201200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.9	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.9	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,2',5-TRICHLOROBIPHENYL	7.9	6.0 J	6.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200905	N	2,4,4'-TRICHLOROBIPHENYL	7.9	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',5-TRICHLOROBIPHENYL	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,4,4'-TRICHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.8	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.8	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	3.9 J	3.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.2	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',5-TRICHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',5-TRICHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,4,4'-TRICHLOROBIPHENYL	8.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',5-TRICHLOROBIPHENYL	8.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.5	4.5 J	4.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,4,4'-TRICHLOROBIPHENYL	8.5	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.4	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.4	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.4	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	11.0 B	11.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA0201200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.7	6.3 J	6.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200933-35	N	2,2',5-TRICHLOROBIPHENYL	8.7	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200933-35	N	2,4,4'-TRICHLOROBIPHENYL	8.7	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200937-39	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.3	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200937-39	N	2,3,4,4',5-Pentachlorobiphenyl	9.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200937-39	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.3	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.3	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.2	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.2	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.2	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.2	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200945-47	N	2,4'-DICHLOROBIPHENYL	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	48.0	48.0 J	ug/kg	D2
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	26.0	26.0 J	ug/kg	D2
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	20.0	20.0 J	ug/kg	D2
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	98.0	98.0 J	ug/kg	D2
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200945-47	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	110	110 J	ug/kg	D2
PCBSIM/NONE	SE	OA0201200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	66.0	66.0 J	ug/kg	MD2
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.9	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.9	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.9	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200953-55	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200953-55	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200953-55	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200953-55	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200953-55	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200953-55	N	2,4,4'-TRICHLOROBIPHENYL	7.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	5.1 J	5.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200957-59	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,2',5-TRICHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	PCB-138/158	7.3	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',5-TRICHLOROBIPHENYL	7.3	2.8 J	2.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0201200907	N	o,p'-DDT	7.6	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200909-11	N	p,p'-DDT	7.8	6.6 J	6.6 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200913-15	N	o,p'-DDT	8.2	4.7 J	4.7 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200917-19	N	o,p'-DDT	8.1	7.2 J	7.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200925-27	N	p,p'-DDT	8.5	8.4 J	8.4 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200929-31	N	o,p'-DDT	8.4	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200929-31	N	p,p'-DDT	8.4	6.3 J	6.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200933-35	N	o,p'-DDD	8.7	41.0	41.0 J	ug/kg	M
BNASIM/NONE	SE	OA0201200933-35	N	p,p'-DDD	8.7	250	250 J	ug/kg	MD2
BNASIM/NONE	SE	OA0201200933-35	N	o,p'-DDE	8.7	330	330 J	ug/kg	D2
BNASIM/NONE	SE	OA0201200933-35	N	p,p'-DDE	87.0	2100 D	2100 J	ug/kg	M
BNASIM/NONE	SE	OA0201200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.7	730	730 J	ug/kg	D2
BNASIM/NONE	SE	OA0201200933-35	N	1,1-bis(p-chlorophenyl)ethane	8.7	93.0	93.0 J	ug/kg	M
BNASIM/NONE	SE	OA0201200933-35	N	o,p'-DDT	8.7	5.8 J	5.8 J	ug/kg	MD2TR
BNASIM/NONE	SE	OA0201200933-35	N	p,p'-DDT	8.7	8.7 U	8.7 UJ	ug/kg	D2
BNASIM/NONE	SE	OA0201200937-39	N	o,p'-DDT	9.3	8.9 J	8.9 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200941-43	N	o,p'-DDT	9.2	5.7 J	5.7 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200965-67	N	o,p'-DDD	6.9	3.3 J	3.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200969	N	o,p'-DDE	6.9	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200969	N	1,1-bis(p-chlorophenyl)ethane	6.9	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0201200901	N	o,p'-DDD	9.2	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA0201200901	N	p,p'-DDD	9.2	78.0	78.0	ug/kg	
BNASIM/NONE	SE	OA0201200901	N	o,p'-DDE	9.2	96.0	96.0	ug/kg	
BNASIM/NONE	SE	OA0201200901	N	p,p'-DDE	9.2	590	590	ug/kg	
BNASIM/NONE	SE	OA0201200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.2	170	170	ug/kg	
BNASIM/NONE	SE	OA0201200901	N	1,1-bis(p-chlorophenyl)ethane	9.2	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA0201200903	N	o,p'-DDD	8.1	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA0201200903	N	p,p'-DDD	8.1	120	120	ug/kg	
BNASIM/NONE	SE	OA0201200903	N	o,p'-DDE	8.1	120	120	ug/kg	
BNASIM/NONE	SE	OA0201200903	N	p,p'-DDE	8.1	730	730	ug/kg	
BNASIM/NONE	SE	OA0201200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.1	200	200	ug/kg	
BNASIM/NONE	SE	OA0201200903	N	1,1-bis(p-chlorophenyl)ethane	8.1	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA0201200905	N	o,p'-DDD	7.9	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA0201200905	N	p,p'-DDD	7.9	97.0	97.0	ug/kg	
BNASIM/NONE	SE	OA0201200905	N	o,p'-DDE	7.9	140	140	ug/kg	
BNASIM/NONE	SE	OA0201200905	N	p,p'-DDE	39.0	900 D	900	ug/kg	
BNASIM/NONE	SE	OA0201200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.9	250	250	ug/kg	
BNASIM/NONE	SE	OA0201200905	N	1,1-bis(p-chlorophenyl)ethane	7.9	37.0	37.0	ug/kg	
BNASIM/NONE	SE	OA0201200907	N	o,p'-DDD	7.6	29.0	29.0	ug/kg	
BNASIM/NONE	SE	OA0201200907	N	p,p'-DDD	7.6	180	180	ug/kg	
BNASIM/NONE	SE	OA0201200907	N	o,p'-DDE	7.6	200	200	ug/kg	
BNASIM/NONE	SE	OA0201200907	N	p,p'-DDE	38.0	1300 D	1300	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0201200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	340	340	ug/kg	
BNASIM/NONE	SE	OA0201200907	N	1,1-bis(p-chlorophenyl)ethane	7.6	53.0	53.0	ug/kg	
BNASIM/NONE	SE	OA0201200907	N	o,p'-DDT	7.6	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200909-11	N	o,p'-DDD	7.8	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA0201200909-11	N	p,p'-DDD	7.8	180	180	ug/kg	
BNASIM/NONE	SE	OA0201200909-11	N	o,p'-DDE	7.8	190	190	ug/kg	
BNASIM/NONE	SE	OA0201200909-11	N	p,p'-DDE	39.0	2000 D	2000	ug/kg	
BNASIM/NONE	SE	OA0201200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	330	330	ug/kg	
BNASIM/NONE	SE	OA0201200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.8	44.0	44.0	ug/kg	
BNASIM/NONE	SE	OA0201200909-11	N	p,p'-DDT	7.8	6.6 J	6.6 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200913-15	N	o,p'-DDD	8.2	44.0	44.0	ug/kg	
BNASIM/NONE	SE	OA0201200913-15	N	p,p'-DDD	8.2	590	590	ug/kg	
BNASIM/NONE	SE	OA0201200913-15	N	o,p'-DDE	8.2	330	330	ug/kg	
BNASIM/NONE	SE	OA0201200913-15	N	p,p'-DDE	82.0	2200 D	2200	ug/kg	
BNASIM/NONE	SE	OA0201200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	680	680	ug/kg	
BNASIM/NONE	SE	OA0201200913-15	N	1,1-bis(p-chlorophenyl)ethane	8.2	83.0	83.0	ug/kg	
BNASIM/NONE	SE	OA0201200913-15	N	o,p'-DDT	8.2	4.7 J	4.7 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200913-15	N	p,p'-DDT	8.2	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA0201200917-19	N	o,p'-DDD	8.1	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA0201200917-19	N	p,p'-DDD	8.1	320	320	ug/kg	
BNASIM/NONE	SE	OA0201200917-19	N	o,p'-DDE	8.1	430	430	ug/kg	
BNASIM/NONE	SE	OA0201200917-19	N	p,p'-DDE	81.0	2800 D	2800	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0201200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	81.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA0201200917-19	N	1,1-bis(p-chlorophenyl)ethane	8.1	110	110	ug/kg	
BNASIM/NONE	SE	OA0201200917-19	N	o,p'-DDT	8.1	7.2 J	7.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200921-23	N	o,p'-DDD	8.5	71.0	71.0	ug/kg	
BNASIM/NONE	SE	OA0201200921-23	N	p,p'-DDD	8.5	400	400	ug/kg	
BNASIM/NONE	SE	OA0201200921-23	N	o,p'-DDE	8.5	660	660	ug/kg	
BNASIM/NONE	SE	OA0201200921-23	N	p,p'-DDE	85.0	3300 D	3300	ug/kg	
BNASIM/NONE	SE	OA0201200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	85.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA0201200921-23	N	1,1-bis(p-chlorophenyl)ethane	8.5	150	150	ug/kg	
BNASIM/NONE	SE	OA0201200921-23	N	o,p'-DDT	8.5	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA0201200925-27	N	o,p'-DDD	8.5	57.0	57.0	ug/kg	
BNASIM/NONE	SE	OA0201200925-27	N	p,p'-DDD	8.5	460	460	ug/kg	
BNASIM/NONE	SE	OA0201200925-27	N	o,p'-DDE	8.5	520	520	ug/kg	
BNASIM/NONE	SE	OA0201200925-27	N	p,p'-DDE	85.0	3200 D	3200	ug/kg	
BNASIM/NONE	SE	OA0201200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	85.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA0201200925-27	N	1,1-bis(p-chlorophenyl)ethane	8.5	120	120	ug/kg	
BNASIM/NONE	SE	OA0201200925-27	N	o,p'-DDT	8.5	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA0201200925-27	N	p,p'-DDT	8.5	8.4 J	8.4 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200929-31	N	o,p'-DDD	8.4	50.0	50.0	ug/kg	
BNASIM/NONE	SE	OA0201200929-31	N	p,p'-DDD	8.4	230	230	ug/kg	
BNASIM/NONE	SE	OA0201200929-31	N	o,p'-DDE	8.4	330	330	ug/kg	
BNASIM/NONE	SE	OA0201200929-31	N	p,p'-DDE	84.0	2500 D	2500	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0201200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	750	750	ug/kg	
BNASIM/NONE	SE	OA0201200929-31	N	1,1-bis(p-chlorophenyl)ethane	8.4	74.0	74.0	ug/kg	
BNASIM/NONE	SE	OA0201200929-31	N	o,p'-DDT	8.4	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200929-31	N	p,p'-DDT	8.4	6.3 J	6.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200933-35	N	o,p'-DDD	8.7	41.0	41.0 J	ug/kg	M
BNASIM/NONE	SE	OA0201200933-35	N	p,p'-DDD	8.7	250	250 J	ug/kg	MD2
BNASIM/NONE	SE	OA0201200933-35	N	o,p'-DDE	8.7	330	330 J	ug/kg	D2
BNASIM/NONE	SE	OA0201200933-35	N	p,p'-DDE	87.0	2100 D	2100 J	ug/kg	M
BNASIM/NONE	SE	OA0201200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.7	730	730 J	ug/kg	D2
BNASIM/NONE	SE	OA0201200933-35	N	1,1-bis(p-chlorophenyl)ethane	8.7	93.0	93.0 J	ug/kg	M
BNASIM/NONE	SE	OA0201200933-35	N	o,p'-DDT	8.7	5.8 J	5.8 J	ug/kg	MD2TR
BNASIM/NONE	SE	OA0201200937-39	N	o,p'-DDD	9.3	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA0201200937-39	N	p,p'-DDD	9.3	170	170	ug/kg	
BNASIM/NONE	SE	OA0201200937-39	N	o,p'-DDE	9.3	390	390	ug/kg	
BNASIM/NONE	SE	OA0201200937-39	N	p,p'-DDE	93.0	2600 D	2600	ug/kg	
BNASIM/NONE	SE	OA0201200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.3	840	840	ug/kg	
BNASIM/NONE	SE	OA0201200937-39	N	1,1-bis(p-chlorophenyl)ethane	9.3	100	100	ug/kg	
BNASIM/NONE	SE	OA0201200937-39	N	o,p'-DDT	9.3	8.9 J	8.9 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200941-43	N	o,p'-DDD	9.2	82.0	82.0	ug/kg	
BNASIM/NONE	SE	OA0201200941-43	N	p,p'-DDD	9.2	410	410	ug/kg	
BNASIM/NONE	SE	OA0201200941-43	N	o,p'-DDE	9.2	830	830	ug/kg	
BNASIM/NONE	SE	OA0201200941-43	N	p,p'-DDE	92.0	4000 D	4000	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0201200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	92.0	2500 D	2500	ug/kg	
BNASIM/NONE	SE	OA0201200941-43	N	1,1-bis(p-chlorophenyl)ethane	9.2	170	170	ug/kg	
BNASIM/NONE	SE	OA0201200941-43	N	o,p'-DDT	9.2	5.7 J	5.7 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200945-47	N	o,p'-DDD	10.0	220	220	ug/kg	
BNASIM/NONE	SE	OA0201200945-47	N	p,p'-DDD	260	3300 D	3300	ug/kg	
BNASIM/NONE	SE	OA0201200945-47	N	o,p'-DDE	260	1800 D	1800	ug/kg	
BNASIM/NONE	SE	OA0201200945-47	N	p,p'-DDE	260	13000 D	13000	ug/kg	
BNASIM/NONE	SE	OA0201200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	260	3400 D	3400	ug/kg	
BNASIM/NONE	SE	OA0201200945-47	N	1,1-bis(p-chlorophenyl)ethane	10.0	390	390	ug/kg	
BNASIM/NONE	SE	OA0201200945-47	N	o,p'-DDT	10.0	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA0201200945-47	N	p,p'-DDT	10.0	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA0201200949-51	N	o,p'-DDD	8.9	91.0	91.0	ug/kg	
BNASIM/NONE	SE	OA0201200949-51	N	p,p'-DDD	8.9	600	600	ug/kg	
BNASIM/NONE	SE	OA0201200949-51	N	o,p'-DDE	8.9	510	510	ug/kg	
BNASIM/NONE	SE	OA0201200949-51	N	p,p'-DDE	45.0	2500 D	2500	ug/kg	
BNASIM/NONE	SE	OA0201200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	45.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA0201200949-51	N	1,1-bis(p-chlorophenyl)ethane	8.9	180	180	ug/kg	
BNASIM/NONE	SE	OA0201200949-51	N	o,p'-DDT	8.9	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA0201200949-51	N	p,p'-DDT	8.9	61.0	61.0	ug/kg	
BNASIM/NONE	SE	OA0201200953-55	N	o,p'-DDD	7.8	77.0	77.0	ug/kg	
BNASIM/NONE	SE	OA0201200953-55	N	p,p'-DDD	7.8	360	360	ug/kg	
BNASIM/NONE	SE	OA0201200953-55	N	o,p'-DDE	7.8	190	190	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0201200953-55	N	p,p'-DDE	39.0	1700 D	1700	ug/kg	
BNASIM/NONE	SE	OA0201200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	530	530	ug/kg	
BNASIM/NONE	SE	OA0201200953-55	N	1,1-bis(p-chlorophenyl)ethane	7.8	140	140	ug/kg	
BNASIM/NONE	SE	OA0201200953-55	N	p,p'-DDT	7.8	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA0201200957-59	N	o,p'-DDD	7.2	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA0201200957-59	N	p,p'-DDD	7.2	200	200	ug/kg	
BNASIM/NONE	SE	OA0201200957-59	N	o,p'-DDE	7.2	200	200	ug/kg	
BNASIM/NONE	SE	OA0201200957-59	N	p,p'-DDE	36.0	1700 D	1700	ug/kg	
BNASIM/NONE	SE	OA0201200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	580	580	ug/kg	
BNASIM/NONE	SE	OA0201200957-59	N	1,1-bis(p-chlorophenyl)ethane	7.2	120	120	ug/kg	
BNASIM/NONE	SE	OA0201200957-59	N	o,p'-DDT	7.2	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA0201200957-59	N	p,p'-DDT	7.2	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA0201200961-63	N	o,p'-DDD	7.3	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA0201200961-63	N	p,p'-DDD	7.3	190	190	ug/kg	
BNASIM/NONE	SE	OA0201200961-63	N	o,p'-DDE	7.3	150	150	ug/kg	
BNASIM/NONE	SE	OA0201200961-63	N	p,p'-DDE	36.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA0201200961-63	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	430	430	ug/kg	
BNASIM/NONE	SE	OA0201200961-63	N	1,1-bis(p-chlorophenyl)ethane	7.3	100	100	ug/kg	
BNASIM/NONE	SE	OA0201200961-63	N	p,p'-DDT	7.3	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA0201200965-67	N	o,p'-DDD	6.9	3.3 J	3.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200965-67	N	p,p'-DDD	6.9	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA0201200965-67	N	o,p'-DDE	6.9	29.0	29.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0201200965-67	N	p,p'-DDE	6.9	140	140	ug/kg	
BNASIM/NONE	SE	OA0201200965-67	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	93.0	93.0	ug/kg	
BNASIM/NONE	SE	OA0201200965-67	N	1,1-bis(p-chlorophenyl)ethane	6.9	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA0201200969	N	o,p'-DDE	6.9	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	OA0201200969	N	p,p'-DDE	6.9	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA0201200969	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA0201200969	N	1,1-bis(p-chlorophenyl)ethane	6.9	3.0 J	3.0 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200901	N	2,4,4'-TRICHLOROBIPHENYL	9.2	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	4.6 J	4.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0201200905	N	PCB-138/158	7.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.9	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.9	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	OA0201200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	OA0201200905	N	2,2',5-TRICHLOROBIPHENYL	7.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200905	N	2,4,4'-TRICHLOROBIPHENYL	7.9	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	PCB-138/158	7.6	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0201200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0201200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	8.0	8.0	ug/kg	
PCBSIM/NONE	SE	OA0201200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	OA0201200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0201200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0201200907	N	2,2',5-TRICHLOROBIPHENYL	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200907	N	2,4,4'-TRICHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	OA0201200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	7.8	7.8	ug/kg	
PCBSIM/NONE	SE	OA0201200909-11	N	PCB-138/158	7.8	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	OA0201200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	OA0201200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	OA0201200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.8	3.9 J	3.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.8	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0201200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	8.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0201200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	PCB-138/158	8.2	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0201200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.2	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0201200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0201200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0201200913-15	N	2,2',5-TRICHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.1	3.3 J	3.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0201200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	PCB-138/158	8.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0201200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0201200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0201200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA0201200917-19	N	2,2',5-TRICHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200917-19	N	2,4,4'-TRICHLOROBIPHENYL	8.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0201200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	8.5	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0201200921-23	N	PCB-138/158	8.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0201200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0201200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	6.0 J	6.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0201200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0201200921-23	N	2,2',5-TRICHLOROBIPHENYL	8.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0201200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	8.5	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0201200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	PCB-138/158	8.5	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0201200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0201200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0201200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	14.0	14.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.5	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	OA0201200925-27	N	2,4,4'-TRICHLOROBIPHENYL	8.5	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.4	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA0201200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA0201200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	PCB-138/158	8.4	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA0201200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.4	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA0201200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA0201200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0201200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.4	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200929-31	N	2,2',5-TRICHLOROBIPHENYL	8.4	11.0	11.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200929-31	N	2,4,4'-TRICHLOROBIPHENYL	8.4	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA0201200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0201200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	8.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0201200933-35	N	PCB-138/158	8.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0201200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.7	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200933-35	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0201200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0201200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0201200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0201200933-35	N	2,2',5-TRICHLOROBIPHENYL	8.7	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200933-35	N	2,4,4'-TRICHLOROBIPHENYL	8.7	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200937-39	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.3	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.3	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.3	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.3	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.3	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.3	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,3,4,4',5-Pentachlorobiphenyl	9.3	3.3 J	3.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	9.3	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.3	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200937-39	N	PCB-138/158	9.3	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200937-39	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.3	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.3	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.3	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.3	45.0	45.0	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.3	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.3	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200937-39	N	2,2',5-TRICHLOROBIPHENYL	9.3	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0201200937-39	N	2,4,4'-TRICHLOROBIPHENYL	9.3	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.2	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.2	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.2	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA0201200941-43	N	2,3',4,4',5-Pentachlorobiphenyl	9.2	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA0201200941-43	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	PCB-138/158	9.2	37.0	37.0	ug/kg	
PCBSIM/NONE	SE	OA0201200941-43	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.2	5.2 J	5.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200941-43	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.2	44.0	44.0	ug/kg	
PCBSIM/NONE	SE	OA0201200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.2	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0201200941-43	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.2	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.2	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.2	44.0	44.0	ug/kg	
PCBSIM/NONE	SE	OA0201200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.2	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA0201200941-43	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200941-43	N	2,2',5-TRICHLOROBIPHENYL	9.2	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0201200941-43	N	2,4,4'-TRICHLOROBIPHENYL	9.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0201200945-47	N	2,4'-DICHLOROBIPHENYL	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	48.0	48.0 J	ug/kg	D2
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	26.0	26.0 J	ug/kg	D2
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	20.0	20.0 J	ug/kg	D2
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	98.0	98.0 J	ug/kg	D2
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	85.0	85.0	ug/kg	
PCBSIM/NONE	SE	OA0201200945-47	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200945-47	N	PCB-138/158	10.0	100	100	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200945-47	N	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0201200945-47	N	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	110	110 J	ug/kg	D2
PCBSIM/NONE	SE	OA0201200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA0201200945-47	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	68.0	68.0	ug/kg	
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	89.0	89.0	ug/kg	
PCBSIM/NONE	SE	OA0201200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	66.0	66.0 J	ug/kg	MD2
PCBSIM/NONE	SE	OA0201200945-47	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0201200945-47	N	2,2',5-TRICHLOROBIPHENYL	10.0	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA0201200945-47	N	2,4,4'-TRICHLOROBIPHENYL	10.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0201200949-51	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0201200949-51	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.9	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	PCB-138/158	8.9	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA0201200949-51	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.9	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA0201200949-51	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	14.0	14.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200949-51	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA0201200949-51	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0201200949-51	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.9	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200949-51	N	2,2',5-TRICHLOROBIPHENYL	8.9	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0201200949-51	N	2,4,4'-TRICHLOROBIPHENYL	8.9	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA0201200953-55	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200953-55	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	OA0201200953-55	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200953-55	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0201200953-55	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0201200953-55	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200953-55	N	PCB-138/158	7.8	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0201200953-55	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200953-55	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0201200953-55	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200953-55	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0201200953-55	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0201200953-55	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0201200953-55	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0201200953-55	N	2,2',5-TRICHLOROBIPHENYL	7.8	8.2	8.2	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0201200953-55	N	2,4,4'-TRICHLOROBIPHENYL	7.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	PCB-138/158	7.2	7.8	7.8	ug/kg	
PCBSIM/NONE	SE	OA0201200957-59	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	7.2	7.2	ug/kg	
PCBSIM/NONE	SE	OA0201200957-59	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200957-59	N	2,2',5-TRICHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	PCB-138/158	7.3	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0201200961-63	N	2,2',5-TRICHLOROBIPHENYL	7.3	2.8 J	2.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA0201200901	N	Moisture	0.10	45.4	45.4	PERCENT	
D2216/NONE	SE	OA0201200903	N	Moisture	0.10	37.9	37.9	PERCENT	
D2216/NONE	SE	OA0201200905	N	Moisture	0.10	36.5	36.5	PERCENT	
D2216/NONE	SE	OA0201200907	N	Moisture	0.10	34.1	34.1	PERCENT	
D2216/NONE	SE	OA0201200909-11	N	Moisture	0.10	35.6	35.6	PERCENT	
D2216/NONE	SE	OA0201200913-15	N	Moisture	0.10	38.8	38.8	PERCENT	
D2216/NONE	SE	OA0201200917-19	N	Moisture	0.10	38.2	38.2	PERCENT	
D2216/NONE	SE	OA0201200921-23	N	Moisture	0.10	41.0	41.0	PERCENT	
D2216/NONE	SE	OA0201200925-27	N	Moisture	0.10	41.0	41.0	PERCENT	
D2216/NONE	SE	OA0201200929-31	N	Moisture	0.10	40.7	40.7	PERCENT	
D2216/NONE	SE	OA0201200933-35	N	Moisture	0.10	42.5	42.5	PERCENT	
D2216/NONE	SE	OA0201200937-39	N	Moisture	0.10	46.2	46.2	PERCENT	
D2216/NONE	SE	OA0201200941-43	N	Moisture	0.10	45.4	45.4	PERCENT	
D2216/NONE	SE	OA0201200945-47	N	Moisture	0.10	52.1	52.1	PERCENT	
D2216/NONE	SE	OA0201200949-51	N	Moisture	0.10	44.0	44.0	PERCENT	
D2216/NONE	SE	OA0201200953-55	N	Moisture	0.10	36.2	36.2	PERCENT	
D2216/NONE	SE	OA0201200957-59	N	Moisture	0.10	30.3	30.3	PERCENT	
D2216/NONE	SE	OA0201200961-63	N	Moisture	0.10	31.4	31.4	PERCENT	
D2216/NONE	SE	OA0201200965-67	N	Moisture	0.10	28.0	28.0	PERCENT	
D2216/NONE	SE	OA0201200969	N	Moisture	0.10	27.1	27.1	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA0201200901	N	Total Organic Carbon	0.092	2.5	2.5	PERCENT	
SW9060/NONE	SE	OA0201200903	N	Total Organic Carbon	0.081	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA0201200905	N	Total Organic Carbon	0.079	2.5	2.5	PERCENT	
SW9060/NONE	SE	OA0201200907	N	Total Organic Carbon	0.076	2.5	2.5	PERCENT	
SW9060/NONE	SE	OA0201200909-11	N	Total Organic Carbon	0.078	3.4	3.4	PERCENT	
SW9060/NONE	SE	OA0201200913-15	N	Total Organic Carbon	0.082	3.9	3.9	PERCENT	
SW9060/NONE	SE	OA0201200917-19	N	Total Organic Carbon	0.081	4.2	4.2	PERCENT	
SW9060/NONE	SE	OA0201200921-23	N	Total Organic Carbon	0.085	4.6	4.6	PERCENT	
SW9060/NONE	SE	OA0201200925-27	N	Total Organic Carbon	0.085	4.3	4.3	PERCENT	
SW9060/NONE	SE	OA0201200929-31	N	Total Organic Carbon	0.084	2.5	2.5	PERCENT	
SW9060/NONE	SE	OA0201200933-35	N	Total Organic Carbon	0.087	2.7	2.7	PERCENT	
SW9060/NONE	SE	OA0201200937-39	N	Total Organic Carbon	0.093	4.4	4.4	PERCENT	
SW9060/NONE	SE	OA0201200941-43	N	Total Organic Carbon	0.092	3.9	3.9	PERCENT	
SW9060/NONE	SE	OA0201200945-47	N	Total Organic Carbon	0.10	3.4	3.4	PERCENT	
SW9060/NONE	SE	OA0201200949-51	N	Total Organic Carbon	0.089	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA0201200953-55	N	Total Organic Carbon	0.078	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA0201200957-59	N	Total Organic Carbon	0.072	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA0201200961-63	N	Total Organic Carbon	0.073	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA0201200965-67	N	Total Organic Carbon	0.069	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA0201200969	N	Total Organic Carbon	0.069	1.6	1.6	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111386

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111386

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111386, Certified - 2/5/2010 M by DanielleGonsman

QC Level:

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 16-Feb-2010

Samples Included in SDG 09111386

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	16	0
D2216/NONE	16	0
PCBSIM/NONE	16	0
SW9060/NONE	16	0

AUTOMATED DATA REVIEW SUMMARY for 09111386

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111386. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Blank

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Negative Blank

Confirmation Column Difference

Field Blank

Calibration Blank

Equip Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 09111386

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 2.21% (21 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

16-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111386

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119L15	091119L15	NA	LABQC	SQ	LABQC	099130135		11/19/2009 12:00	11/19/2009 11:15	BS
	091119L15	NA	LABQC	SQ	LABQC	099130135		11/19/2009 12:00	11/19/2009 11:39	BD
	091119L15	NA	LABQC	SQ	LABQC	099130135		11/19/2009 12:00	11/20/2009 12:02	LB
091119S15	091119L15	NA	OA01	SE	OA0101200901	091113861		11/16/2009 12:00	11/24/2009 8:56	N
	091119L15	NA	OA01	SE	OA0101200901	091113861		11/16/2009 12:00	11/24/2009 8:56	N
	091119L15	NA	OA01	SE	OA0101200903	091113862		11/16/2009 12:00	11/24/2009 9:20	N
	091119L15	NA	OA01	SE	OA0101200903	091113862		11/16/2009 12:00	11/24/2009 9:20	N
	091119L15	NA	OA01	SE	OA0101200905	091113863		11/16/2009 12:00	11/24/2009 9:43	N
	091119L15	NA	OA01	SE	OA0101200905	091113863		11/16/2009 12:00	11/24/2009 9:43	N
	091119L15	NA	OA01	SE	OA0101200907	091113864		11/16/2009 12:00	11/24/2009 10:07	N
	091119L15	NA	OA01	SE	OA0101200907	091113864		11/16/2009 12:00	11/24/2009 10:07	N
	091119L15	NA	OA01	SE	OA0101200909-11	0911138629		11/16/2009 12:00	11/24/2009 10:31	N
	091119L15	NA	OA01	SE	OA0101200909-11	0911138629		11/16/2009 12:00	11/24/2009 10:31	N
	091119L15	NA	OA01	SE	OA0101200913-15	0911138630		11/16/2009 12:00	11/24/2009 10:54	N
	091119L15	NA	OA01	SE	OA0101200913-15	0911138630		11/16/2009 12:00	11/24/2009 10:54	N
	091119L15	NA	OA01	SE	OA0101200917-19	0911138631		11/16/2009 12:00	11/24/2009 11:18	N
	091119L15	NA	OA01	SE	OA0101200917-19	0911138631		11/16/2009 12:00	11/24/2009 11:18	N
	091119L15	NA	OA01	SE	OA0101200921-23	0911138632		11/16/2009 12:00	11/24/2009 11:41	N
	091119L15	NA	OA01	SE	OA0101200921-23	0911138632		11/16/2009 12:00	11/24/2009 11:41	N
	091119L15	NA	OA01	SE	OA0101200925-27	0911138633		11/16/2009 12:00	11/25/2009 12:05	N
	091119L15	NA	OA01	SE	OA0101200925-27	0911138633		11/16/2009 12:00	11/25/2009 12:05	N
	091119L15	NA	OA01	SE	OA0101200929-31	0911138634		11/16/2009 12:00	11/25/2009 12:28	N
	091119L15	NA	OA01	SE	OA0101200929-31	0911138634		11/16/2009 12:00	11/25/2009 12:28	N
	091119L15	NA	OA01	SE	OA0101200933-35	0911138635		11/16/2009 12:00	11/25/2009 12:52	N
	091119L15	NA	OA01	SE	OA0101200933-35	0911138635		11/16/2009 12:00	11/25/2009 12:52	N
091119S15P	091119L15	NA	OA01	SE	OA0101200941-43	0911138637		11/16/2009 12:00	11/25/2009 1:39	N
	091119L15	NA	OA01	SE	OA0101200941-43	0911138637		11/16/2009 12:00	11/25/2009 1:39	N

AUTOMATED DATA REVIEW SUMMARY for 09111386

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119S15	091119L15	NA	OA01	SE	OA0101200945-47	0911138638		11/16/2009 12:00	11/25/2009 2:02	N
	091119L15	NA	OA01	SE	OA0101200945-47	0911138638		11/16/2009 12:00	11/25/2009 2:02	N
	091119L15	NA	OA01	SE	OA0101200953-55	0911138640		11/16/2009 12:00	11/25/2009 2:49	N
	091119L15	NA	OA01	SE	OA0101200953-55	0911138640		11/16/2009 12:00	11/25/2009 2:49	N
	091119L15	NA	OA01	SE	OA0101200903	091113862		11/16/2009 12:00	11/25/2009 1:11	N
	091119L15	NA	OA01	SE	OA0101200905	091113863		11/16/2009 12:00	11/25/2009 1:35	N
	091119L15	NA	OA01	SE	OA0101200907	091113864		11/16/2009 12:00	11/25/2009 1:59	N
	091119L15	NA	OA01	SE	OA0101200909-11	0911138629		11/16/2009 12:00	11/25/2009 2:22	N
	091119L15	NA	OA01	SE	OA0101200913-15	0911138630		11/16/2009 12:00	11/25/2009 2:46	N
	091119L15	NA	OA01	SE	OA0101200917-19	0911138631		11/16/2009 12:00	11/25/2009 3:09	N
	091119L15	NA	OA01	SE	OA0101200921-23	0911138632		11/16/2009 12:00	11/25/2009 3:33	N
	091119L15	NA	OA01	SE	OA0101200925-27	0911138633		11/16/2009 12:00	11/25/2009 3:56	N
	091119L15	NA	OA01	SE	OA0101200929-31	0911138634		11/16/2009 12:00	11/25/2009 4:20	N
	091119L15	NA	OA01	SE	OA0101200949-51	0911138639		11/16/2009 12:00	11/25/2009 5:07	N
	091119L15	NA	OA01	SE	OA0101200949-51	0911138639		11/16/2009 12:00	11/25/2009 5:07	N
	091119L15	NA	OA01	SE	OA0101200929-31	0911138634		11/16/2009 12:00	11/25/2009 8:02	MS
	091119L15	NA	OA01	SE	OA0101200929-31	0911138634		11/16/2009 12:00	11/25/2009 8:26	SD
	091119L15	NA	OA01	SE	OA0101200937-39	0911138636		11/16/2009 12:00	11/25/2009 8:49	N
	091119L15	NA	OA01	SE	OA0101200937-39	0911138636		11/16/2009 12:00	11/25/2009 8:49	N

AUTOMATED DATA REVIEW SUMMARY for 09111386

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123MOID2	NA	NA	OA01	SE	OA0101200937-39	0911138636		11/16/2009 12:00	11/23/2009 5:00	N
	NA	NA	OA01	SE	OA0101200941-43	0911138637		11/16/2009 12:00	11/23/2009 5:00	N
	NA	NA	OA01	SE	OA0101200945-47	0911138638		11/16/2009 12:00	11/23/2009 5:00	N
	NA	NA	OA01	SE	OA0101200933-35	0911138635		11/16/2009 12:00	11/23/2009 5:00	N
	NA	NA	OA01	SE	OA0101200949-51	0911138639		11/16/2009 12:00	11/23/2009 5:00	N
	NA	NA	OA01	SE	OA0101200953-55	0911138640		11/16/2009 12:00	11/23/2009 5:00	N
91123MOIB2	NA	NA	LABQC	SQ	LABQC	099050141576		11/23/2009 5:00	11/23/2009 5:00	LB
91123MOIB4	NA	NA	LABQC	SQ	LABQC	099050141578		11/23/2009 6:00	11/23/2009 6:00	LB
91123MOID4	NA	NA	OA01	SE	OA0101200907	091113864		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA01	SE	OA0101200905	091113863		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA01	SE	OA0101200903	091113862		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA01	SE	OA0101200901	091113861		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA01	SE	OA0101200925-27	0911138633		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA01	SE	OA0101200921-23	0911138632		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA01	SE	OA0101200917-19	0911138631		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA01	SE	OA0101200913-15	0911138630		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA01	SE	OA0101200909-11	0911138629		11/16/2009 12:00	11/23/2009 6:00	N
	NA	NA	OA01	SE	OA0101200913-15	0911138630		11/16/2009 12:00	11/23/2009 6:00	LR
	NA	NA	OA01	SE	OA0101200929-31	0911138634		11/16/2009 12:00	11/23/2009 6:00	N

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119S19	091119L19A	NA	OA01	SE	OA0101200903	091113862		11/16/2009 12:00	11/24/2009 4:36	N
	091119L19A	NA	OA01	SE	OA0101200903	091113862		11/16/2009 12:00	11/24/2009 4:36	N
	091119L19A	NA	OA01	SE	OA0101200905	091113863		11/16/2009 12:00	11/24/2009 5:04	N
	091119L19A	NA	OA01	SE	OA0101200905	091113863		11/16/2009 12:00	11/24/2009 5:04	N
091119L19A	091119L19A	NA	LABQC	SQ	LABQC	0991301724		11/19/2009 12:00	11/24/2009 2:18	BS

AUTOMATED DATA REVIEW SUMMARY for 09111386

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091119L19A	091119L19A	NA	LABQC	SQ	LABQC	0991301724		11/19/2009 12:00	11/24/2009 2:48	BD
091119S19	091119L19A	NA	OA01	SE	OA0101200949-51	0911138639		11/16/2009 12:00	11/24/2009 4:49	MS
	091119L19A	NA	OA01	SE	OA0101200949-51	0911138639		11/16/2009 12:00	11/24/2009 5:19	SD
	091119L19A	NA	OA01	SE	OA0101200907	091113864		11/16/2009 12:00	11/24/2009 7:48	N
	091119L19A	NA	OA01	SE	OA0101200907	091113864		11/16/2009 12:00	11/24/2009 7:48	N
091119L19A	091119L19A	NA	LABQC	SQ	LABQC	0991301724		11/19/2009 12:00	12/11/2009 8:50	LB
091212L04	091212L04	NA	LABQC	SQ	LABQC	0991301771		12/12/2009 12:00	12/24/2009 6:26	LB
	091212L04	NA	LABQC	SQ	LABQC	0991301771		12/12/2009 12:00	12/24/2009 6:55	BS
	091212L04	NA	LABQC	SQ	LABQC	0991301771		12/12/2009 12:00	12/24/2009 7:25	BD
091212S04	091212L04	NA	OA01	SE	OA0101200901	091113861		11/16/2009 12:00	12/26/2009 3:30	N
	091212L04	NA	OA01	SE	OA0101200909-11	0911138629		11/16/2009 12:00	12/26/2009 4:00	N
	091212L04	NA	OA01	SE	OA0101200913-15	0911138630		11/16/2009 12:00	12/26/2009 5:28	N
091212L05	091212L05	NA	LABQC	SQ	LABQC	0991301776		12/12/2009 12:00	12/27/2009 11:48	LB
	091212L05	NA	LABQC	SQ	LABQC	0991301776		12/12/2009 12:00	12/27/2009 12:18	BS
	091212L05	NA	LABQC	SQ	LABQC	0991301776		12/12/2009 12:00	12/27/2009 12:47	BD
091212S05	091212L05	NA	OA01	SE	OA0101200917-19	0911138631		11/16/2009 12:00	12/27/2009 1:17	N
	091212L05	NA	OA01	SE	OA0101200921-23	0911138632		11/16/2009 12:00	12/27/2009 1:46	N
	091212L05	NA	OA01	SE	OA0101200925-27	0911138633		11/16/2009 12:00	12/27/2009 2:16	N
	091212L05	NA	OA01	SE	OA0101200929-31	0911138634		11/16/2009 12:00	12/27/2009 2:45	N
	091212L05	NA	OA01	SE	OA0101200933-35	0911138635		11/16/2009 12:00	12/27/2009 3:14	N
	091212L05	NA	OA01	SE	OA0101200937-39	0911138636		11/16/2009 12:00	12/27/2009 3:43	N
	091212L05	NA	OA01	SE	OA0101200941-43	0911138637		11/16/2009 12:00	12/27/2009 4:13	N
	091212L05	NA	OA01	SE	OA0101200945-47	0911138638		11/16/2009 12:00	12/27/2009 4:42	N
	091212L05	NA	OA01	SE	OA0101200949-51	0911138639		11/16/2009 12:00	12/27/2009 5:11	N
	091212L05	NA	OA01	SE	OA0101200953-55	0911138640		11/16/2009 12:00	12/27/2009 5:41	N
	091212L05	NA	OA01	SE	OA0101200953-55	0911138640		11/16/2009 12:00	12/28/2009 7:30	MS
	091212L05	NA	OA01	SE	OA0101200953-55	0911138640		11/16/2009 12:00	12/28/2009 8:00	SD

AUTOMATED DATA REVIEW SUMMARY for 09111386

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91122TOCS1	NA	NA	OA01	SE	OA0101200953-55	0911138640		11/16/2009 12:00	11/22/2009 7:44	SD
	NA	NA	OA01	SE	OA0101200953-55	0911138640		11/16/2009 12:00	11/22/2009 7:44	MS
	NA	NA	OA01	SE	OA0101200953-55	0911138640		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200949-51	0911138639		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200945-47	0911138638		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200941-43	0911138637		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200937-39	0911138636		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200933-35	0911138635		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200929-31	0911138634		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200925-27	0911138633		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200917-19	0911138631		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200921-23	0911138632		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200913-15	0911138630		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200909-11	0911138629		11/16/2009 12:00	11/22/2009 7:44	N
91122TOCL1	NA	NA	LABQC	SQ	LABQC	09906013412		11/22/2009 7:44	11/22/2009 7:44	BS
	NA	NA	LABQC	SQ	LABQC	09906013412		11/22/2009 7:44	11/22/2009 7:44	LB
91122TOCS1	NA	NA	OA01	SE	OA0101200907	091113864		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200905	091113863		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200903	091113862		11/16/2009 12:00	11/22/2009 7:44	N
	NA	NA	OA01	SE	OA0101200901	091113861		11/16/2009 12:00	11/22/2009 7:44	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA0101200929-31 / MS	1	1,1-bis(p-chlorophenyl) ethane	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / SD	1	1,1-bis(p-chlorophenyl) ethane	40.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / MS	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / MS	1	o,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / SD	1	o,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / SD	1	o,p'-DDT	46.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / MS	1	p,p'-DDD	39.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / SD	1	p,p'-DDD	265	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / MS	1	p,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / SD	1	p,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / MS	1	p,p'-DDT	299	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0101200929-31 / SD	1	p,p'-DDT	239	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA0101200929-31 / SD	1	1,1-bis(p-chlorophenyl) ethane	200	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0101200929-31 / SD	1	o,p'-DDD	44.1	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0101200929-31 / SD	1	p,p'-DDD	149	RPD	J/UJ	< 30	< 60	D2	C2

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / MS	1	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	39.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / SD	1	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	40.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / MS	1	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	36.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / SD	1	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	39.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / MS	1	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	35.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / SD	1	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	38.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / MS	1	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	42.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / SD	1	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	44.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / MS	1	2,2',4,5,5'-PENTACHLOROBIPHENYL	48.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / MS	1	2,2',5,5'-TETRACHLOROBIPHENYL	45.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / SD	1	2,2',5,5'-TETRACHLOROBIPHENYL	48.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / MS	1	2,3',4,4'-TETRACHLOROBIPHENYL	48.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / MS	1	2,3,3',4,4'-PENTACHLOROBIPHENYL	46.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / SD	1	2,3,3',4,4'-PENTACHLOROBIPHENYL	49.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / MS	1	3,3',4,4',5-PENTACHLOROBIPHENYL	42.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / SD	1	3,3',4,4',5-PENTACHLOROBIPHENYL	44.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / MS	1	3,3',4,4'-TETRACHLOROBIPHENYL	44.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA0101200949-51 / SD	1	3,3',4,4'-TETRACHLOROBIPHENYL	47.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	Blank	P091119L19ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	4.1	ug/kg	U/None	< 1.9	< 8.2	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	PCB-138/158	10.0	9.4 J	9.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,2',5-TRICHLOROBIPHENYL	10.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,4,4'-TRICHLOROBIPHENYL	10.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.0	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	PCB-138/158	8.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.0	8.0 JB	8.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA0101200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,2',5-TRICHLOROBIPHENYL	8.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,4,4'-TRICHLOROBIPHENYL	8.0	3.2 J	3.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	PCB-138/158	8.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.3	8.3 B	8.3 U	ug/kg	B1
PCBSIM/NONE	SE	OA0101200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,4,4'-TRICHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.2	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.2	8.2 JB	8.2 U	ug/kg	B1
PCBSIM/NONE	SE	OA0101200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,2',5-TRICHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,4,4'-TRICHLOROBIPHENYL	8.2	7.8 J	7.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.4	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.4	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.4	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.4	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',5-TRICHLOROBIPHENYL	9.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,4,4'-TRICHLOROBIPHENYL	9.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,4,4'-TRICHLOROBIPHENYL	11.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200917-19	N	2,4'-DICHLOROBIPHENYL	12.0	9.7 J	9.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200917-19	N	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	12.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200917-19	N	2,3,4,4',5-Pentachlorobiphenyl	12.0	5.8 J	5.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	2,4'-DICHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	13.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	13.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	2,3,4,4',5-Pentachlorobiphenyl	13.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	3,4,4',5-TETRACHLOROBIPHENYL	13.0	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.9	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.9	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.7	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.7	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.7	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.7	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.7	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,4,4'-TRICHLOROBIPHENYL	8.7	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.5 J	2.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200949-51	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	7.3 U	7.3 UJ	ug/kg	M
PCBSIM/NONE	SE	OA0101200949-51	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	7.3 U	7.3 UJ	ug/kg	M
PCBSIM/NONE	SE	OA0101200949-51	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	7.3 U	7.3 UJ	ug/kg	M
PCBSIM/NONE	SE	OA0101200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	7.3 U	7.3 UJ	ug/kg	M
PCBSIM/NONE	SE	OA0101200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	7.3 U	7.3 UJ	ug/kg	M
PCBSIM/NONE	SE	OA0101200949-51	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	7.3 U	7.3 UJ	ug/kg	M
PCBSIM/NONE	SE	OA0101200949-51	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.3	7.3 U	7.3 UJ	ug/kg	M
PCBSIM/NONE	SE	OA0101200949-51	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	7.3 U	7.3 UJ	ug/kg	M
PCBSIM/NONE	SE	OA0101200949-51	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	7.3 U	7.3 UJ	ug/kg	M
PCBSIM/NONE	SE	OA0101200949-51	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.3	7.3 U	7.3 UJ	ug/kg	M
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	6.9	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.9	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.9	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	6.9	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.9	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.9	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	6.9	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,3',4,4',5-Pentachlorobiphenyl	6.9	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	3,3',4,4',5-PENTACHLOROBIPHENYL	6.9	2.6 J	2.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0101200903	N	o,p'-DDT	8.0	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200907	N	o,p'-DDT	8.2	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200909-11	N	o,p'-DDT	9.4	5.6 J	5.6 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200929-31	N	o,p'-DDD	8.7	100	100 J	ug/kg	D2
BNASIM/NONE	SE	OA0101200929-31	N	p,p'-DDD	8.7	620	620 J	ug/kg	MD2
BNASIM/NONE	SE	OA0101200929-31	N	o,p'-DDE	8.7	710	710 J	ug/kg	M
BNASIM/NONE	SE	OA0101200929-31	N	p,p'-DDE	87.0	5000 D	5000 J	ug/kg	M
BNASIM/NONE	SE	OA0101200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	87.0	1700 D	1700 J	ug/kg	M
BNASIM/NONE	SE	OA0101200929-31	N	1,1-bis(p-chlorophenyl)ethane	8.7	340	340 J	ug/kg	MD2
BNASIM/NONE	SE	OA0101200929-31	N	o,p'-DDT	8.7	8.4 J	8.4 J	ug/kg	MTR
BNASIM/NONE	SE	OA0101200929-31	N	p,p'-DDT	8.7	9.4	9.4 J	ug/kg	M
BNASIM/NONE	SE	OA0101200937-39	N	p,p'-DDD	7.2	5.6 J	5.6 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	3.8 J	3.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200949-51	N	p,p'-DDE	7.3	3.5 J	3.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200953-55	N	p,p'-DDE	6.9	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	2.0 J	2.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0101200901	N	o,p'-DDD	10.0	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA0101200901	N	p,p'-DDD	10.0	82.0	82.0	ug/kg	
BNASIM/NONE	SE	OA0101200901	N	o,p'-DDE	10.0	94.0	94.0	ug/kg	
BNASIM/NONE	SE	OA0101200901	N	p,p'-DDE	10.0	580	580	ug/kg	
BNASIM/NONE	SE	OA0101200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	10.0	150	150	ug/kg	
BNASIM/NONE	SE	OA0101200901	N	1,1-bis(p-chlorophenyl)ethane	10.0	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA0101200903	N	o,p'-DDD	8.0	22.0	22.0	ug/kg	
BNASIM/NONE	SE	OA0101200903	N	p,p'-DDD	8.0	95.0	95.0	ug/kg	
BNASIM/NONE	SE	OA0101200903	N	o,p'-DDE	8.0	160	160	ug/kg	
BNASIM/NONE	SE	OA0101200903	N	p,p'-DDE	40.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA0101200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.0	260	260	ug/kg	
BNASIM/NONE	SE	OA0101200903	N	1,1-bis(p-chlorophenyl)ethane	8.0	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA0101200903	N	o,p'-DDT	8.0	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200905	N	o,p'-DDD	8.0	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA0101200905	N	p,p'-DDD	8.0	96.0	96.0	ug/kg	
BNASIM/NONE	SE	OA0101200905	N	o,p'-DDE	8.0	180	180	ug/kg	
BNASIM/NONE	SE	OA0101200905	N	p,p'-DDE	40.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA0101200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.0	280	280	ug/kg	
BNASIM/NONE	SE	OA0101200905	N	1,1-bis(p-chlorophenyl)ethane	8.0	66.0	66.0	ug/kg	
BNASIM/NONE	SE	OA0101200907	N	o,p'-DDD	8.2	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA0101200907	N	p,p'-DDD	8.2	160	160	ug/kg	
BNASIM/NONE	SE	OA0101200907	N	o,p'-DDE	8.2	190	190	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0101200907	N	p,p'-DDE	41.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA0101200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	280	280	ug/kg	
BNASIM/NONE	SE	OA0101200907	N	1,1-bis(p-chlorophenyl)ethane	8.2	62.0	62.0	ug/kg	
BNASIM/NONE	SE	OA0101200907	N	o,p'-DDT	8.2	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200909-11	N	o,p'-DDD	9.4	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA0101200909-11	N	p,p'-DDD	9.4	230	230	ug/kg	
BNASIM/NONE	SE	OA0101200909-11	N	o,p'-DDE	9.4	410	410	ug/kg	
BNASIM/NONE	SE	OA0101200909-11	N	p,p'-DDE	47.0	2000 D	2000	ug/kg	
BNASIM/NONE	SE	OA0101200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.4	680	680	ug/kg	
BNASIM/NONE	SE	OA0101200909-11	N	1,1-bis(p-chlorophenyl)ethane	9.4	190	190	ug/kg	
BNASIM/NONE	SE	OA0101200909-11	N	o,p'-DDT	9.4	5.6 J	5.6 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200913-15	N	o,p'-DDD	11.0	110	110	ug/kg	
BNASIM/NONE	SE	OA0101200913-15	N	p,p'-DDD	11.0	440	440	ug/kg	
BNASIM/NONE	SE	OA0101200913-15	N	o,p'-DDE	11.0	960	960	ug/kg	
BNASIM/NONE	SE	OA0101200913-15	N	p,p'-DDE	110	7200 D	7200	ug/kg	
BNASIM/NONE	SE	OA0101200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	110	2200 D	2200	ug/kg	
BNASIM/NONE	SE	OA0101200913-15	N	1,1-bis(p-chlorophenyl)ethane	11.0	400	400	ug/kg	
BNASIM/NONE	SE	OA0101200913-15	N	o,p'-DDT	11.0	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA0101200917-19	N	o,p'-DDD	12.0	310	310	ug/kg	
BNASIM/NONE	SE	OA0101200917-19	N	p,p'-DDD	12.0	780	780	ug/kg	
BNASIM/NONE	SE	OA0101200917-19	N	o,p'-DDE	290	4500 D	4500	ug/kg	
BNASIM/NONE	SE	OA0101200917-19	N	p,p'-DDE	290	17000 D	17000	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0101200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	290	10000 D	10000	ug/kg	
BNASIM/NONE	SE	OA0101200917-19	N	1,1-bis(p-chlorophenyl)ethane	290	1900 D	1900	ug/kg	
BNASIM/NONE	SE	OA0101200917-19	N	o,p'-DDT	12.0	29.0	29.0	ug/kg	
BNASIM/NONE	SE	OA0101200921-23	N	o,p'-DDD	13.0	450	450	ug/kg	
BNASIM/NONE	SE	OA0101200921-23	N	p,p'-DDD	320	8500 D	8500	ug/kg	
BNASIM/NONE	SE	OA0101200921-23	N	o,p'-DDE	320	4800 D	4800	ug/kg	
BNASIM/NONE	SE	OA0101200921-23	N	p,p'-DDE	320	23000 D	23000	ug/kg	
BNASIM/NONE	SE	OA0101200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	320	9800 D	9800	ug/kg	
BNASIM/NONE	SE	OA0101200921-23	N	1,1-bis(p-chlorophenyl)ethane	320	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA0101200921-23	N	o,p'-DDT	13.0	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA0101200921-23	N	p,p'-DDT	13.0	750	750	ug/kg	
BNASIM/NONE	SE	OA0101200925-27	N	o,p'-DDD	9.9	240	240	ug/kg	
BNASIM/NONE	SE	OA0101200925-27	N	p,p'-DDD	200	2200 D	2200	ug/kg	
BNASIM/NONE	SE	OA0101200925-27	N	o,p'-DDE	200	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA0101200925-27	N	p,p'-DDE	200	10000 D	10000	ug/kg	
BNASIM/NONE	SE	OA0101200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	200	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA0101200925-27	N	1,1-bis(p-chlorophenyl)ethane	9.9	730	730	ug/kg	
BNASIM/NONE	SE	OA0101200925-27	N	o,p'-DDT	9.9	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA0101200925-27	N	p,p'-DDT	9.9	53.0	53.0	ug/kg	
BNASIM/NONE	SE	OA0101200929-31	N	o,p'-DDD	8.7	100	100 J	ug/kg	D2
BNASIM/NONE	SE	OA0101200929-31	N	p,p'-DDD	8.7	620	620 J	ug/kg	MD2
BNASIM/NONE	SE	OA0101200929-31	N	o,p'-DDE	8.7	710	710 J	ug/kg	M

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0101200929-31	N	p,p'-DDE	87.0	5000 D	5000 J	ug/kg	M
BNASIM/NONE	SE	OA0101200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	87.0	1700 D	1700 J	ug/kg	M
BNASIM/NONE	SE	OA0101200929-31	N	1,1-bis(p-chlorophenyl)ethane	8.7	340	340 J	ug/kg	MD2
BNASIM/NONE	SE	OA0101200929-31	N	o,p'-DDT	8.7	8.4 J	8.4 J	ug/kg	MTR
BNASIM/NONE	SE	OA0101200929-31	N	p,p'-DDT	8.7	9.4	9.4 J	ug/kg	M
BNASIM/NONE	SE	OA0101200933-35	N	o,p'-DDD	7.1	8.0	8.0	ug/kg	
BNASIM/NONE	SE	OA0101200933-35	N	p,p'-DDD	7.1	130	130	ug/kg	
BNASIM/NONE	SE	OA0101200933-35	N	o,p'-DDE	7.1	60.0	60.0	ug/kg	
BNASIM/NONE	SE	OA0101200933-35	N	p,p'-DDE	7.1	370	370	ug/kg	
BNASIM/NONE	SE	OA0101200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	90.0	90.0	ug/kg	
BNASIM/NONE	SE	OA0101200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.1	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA0101200937-39	N	p,p'-DDD	7.2	5.6 J	5.6 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200937-39	N	o,p'-DDE	7.2	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA0101200937-39	N	p,p'-DDE	7.2	66.0	66.0	ug/kg	
BNASIM/NONE	SE	OA0101200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA0101200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.2	7.2 J	7.2	ug/kg	
BNASIM/NONE	SE	OA0101200941-43	N	p,p'-DDE	6.9	9.2	9.2	ug/kg	
BNASIM/NONE	SE	OA0101200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	3.8 J	3.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200949-51	N	p,p'-DDE	7.3	3.5 J	3.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200953-55	N	p,p'-DDE	6.9	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0101200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	2.0 J	2.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	PCB-138/158	10.0	9.4 J	9.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	10.0 J	10.0	ug/kg	
PCBSIM/NONE	SE	OA0101200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,2',5-TRICHLOROBIPHENYL	10.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200901	N	2,4,4'-TRICHLOROBIPHENYL	10.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.0	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	PCB-138/158	8.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,2',5-TRICHLOROBIPHENYL	8.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200903	N	2,4,4'-TRICHLOROBIPHENYL	8.0	3.2 J	3.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	PCB-138/158	8.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200905	N	2,4,4'-TRICHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.2	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,2',5-TRICHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200907	N	2,4,4'-TRICHLOROBIPHENYL	8.2	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.4	5.4 J	5.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.4	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0101200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	9.4	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0101200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.4	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0101200909-11	N	PCB-138/158	9.4	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0101200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.4	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.4	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0101200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.4	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.4	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.4	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0101200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0101200909-11	N	2,2',5-TRICHLOROBIPHENYL	9.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200909-11	N	2,4,4'-TRICHLOROBIPHENYL	9.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	32.0	32.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA0101200913-15	N	PCB-138/158	11.0	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA0101200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA0101200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0101200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA0101200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA0101200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200913-15	N	2,2',5-TRICHLOROBIPHENYL	11.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0101200913-15	N	2,4,4'-TRICHLOROBIPHENYL	11.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200917-19	N	2,4'-DICHLOROBIPHENYL	12.0	9.7 J	9.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	5.0 J	5.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	12.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200917-19	N	2,3,4,4',5-Pentachlorobiphenyl	12.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	12.0	130	130	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	PCB-138/158	12.0	130	130	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	160	160	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	73.0	73.0	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	130	130	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	150	150	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	130	130	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,2',5-TRICHLOROBIPHENYL	12.0	60.0	60.0	ug/kg	
PCBSIM/NONE	SE	OA0101200917-19	N	2,4,4'-TRICHLOROBIPHENYL	12.0	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,4'-DICHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	13.0	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	13.0	75.0	75.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	13.0	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	150	150	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200921-23	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	13.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	13.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	2,3,4,4',5-Pentachlorobiphenyl	13.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	13.0	150	150	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	13.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	PCB-138/158	13.0	160	160	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	13.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	190	190	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	77.0	77.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	13.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	140	140	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	160	160	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	120	120	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	13.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	3,4,4',5-TETRACHLOROBIPHENYL	13.0	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200921-23	N	2,2',5-TRICHLOROBIPHENYL	13.0	70.0	70.0	ug/kg	
PCBSIM/NONE	SE	OA0101200921-23	N	2,4,4'-TRICHLOROBIPHENYL	13.0	55.0	55.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.9	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.9	35.0	35.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.9	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.9	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.9	70.0	70.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.9	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.9	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	9.9	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.9	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	PCB-138/158	9.9	72.0	72.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.9	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.9	72.0	72.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.9	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.9	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.9	57.0	57.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.9	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200925-27	N	2,2',5-TRICHLOROBIPHENYL	9.9	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0101200925-27	N	2,4,4'-TRICHLOROBIPHENYL	9.9	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.7	3.1 J	3.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.7	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.7	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.7	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.7	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0101200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	8.7	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0101200929-31	N	PCB-138/158	8.7	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0101200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.7	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.7	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA0101200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.7	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0101200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.7	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.7	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.7	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA0101200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.7	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0101200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200929-31	N	2,2',5-TRICHLOROBIPHENYL	8.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0101200929-31	N	2,4,4'-TRICHLOROBIPHENYL	8.7	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	6.9	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.9	2.4 J	2.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.9	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	6.9	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.9	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.9	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	6.9	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	2,3',4,4',5-Pentachlorobiphenyl	6.9	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0101200953-55	N	3,3',4,4',5-PENTACHLOROBIPHENYL	6.9	2.6 J	2.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA0101200901	N	Moisture	0.10	51.3	51.3	PERCENT	
D2216/NONE	SE	OA0101200903	N	Moisture	0.10	37.6	37.6	PERCENT	
D2216/NONE	SE	OA0101200905	N	Moisture	0.10	37.2	37.2	PERCENT	
D2216/NONE	SE	OA0101200907	N	Moisture	0.10	39.3	39.3	PERCENT	
D2216/NONE	SE	OA0101200909-11	N	Moisture	0.10	46.8	46.8	PERCENT	
D2216/NONE	SE	OA0101200913-15	N	Moisture	0.10	52.7	52.7	PERCENT	
D2216/NONE	SE	OA0101200917-19	N	Moisture	0.10	57.3	57.3	PERCENT	
D2216/NONE	SE	OA0101200921-23	N	Moisture	0.10	60.4	60.4	PERCENT	
D2216/NONE	SE	OA0101200925-27	N	Moisture	0.10	49.7	49.7	PERCENT	
D2216/NONE	SE	OA0101200929-31	N	Moisture	0.10	42.3	42.3	PERCENT	
D2216/NONE	SE	OA0101200933-35	N	Moisture	0.10	29.6	29.6	PERCENT	
D2216/NONE	SE	OA0101200937-39	N	Moisture	0.10	30.8	30.8	PERCENT	
D2216/NONE	SE	OA0101200941-43	N	Moisture	0.10	28.0	28.0	PERCENT	
D2216/NONE	SE	OA0101200945-47	N	Moisture	0.10	27.4	27.4	PERCENT	
D2216/NONE	SE	OA0101200949-51	N	Moisture	0.10	31.4	31.4	PERCENT	
D2216/NONE	SE	OA0101200953-55	N	Moisture	0.10	27.2	27.2	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA0101200901	N	Total Organic Carbon	0.10	2.6	2.6	PERCENT	
SW9060/NONE	SE	OA0101200903	N	Total Organic Carbon	0.080	2.3	2.3	PERCENT	
SW9060/NONE	SE	OA0101200905	N	Total Organic Carbon	0.080	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA0101200907	N	Total Organic Carbon	0.082	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA0101200909-11	N	Total Organic Carbon	0.094	4.2	4.2	PERCENT	
SW9060/NONE	SE	OA0101200913-15	N	Total Organic Carbon	0.11	5.0	5.0	PERCENT	
SW9060/NONE	SE	OA0101200917-19	N	Total Organic Carbon	0.12	7.0	7.0	PERCENT	
SW9060/NONE	SE	OA0101200921-23	N	Total Organic Carbon	0.13	8.7	8.7	PERCENT	
SW9060/NONE	SE	OA0101200925-27	N	Total Organic Carbon	0.099	5.5	5.5	PERCENT	
SW9060/NONE	SE	OA0101200929-31	N	Total Organic Carbon	0.087	3.3	3.3	PERCENT	
SW9060/NONE	SE	OA0101200933-35	N	Total Organic Carbon	0.071	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA0101200937-39	N	Total Organic Carbon	0.072	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA0101200941-43	N	Total Organic Carbon	0.069	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA0101200945-47	N	Total Organic Carbon	0.069	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA0101200949-51	N	Total Organic Carbon	0.073	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA0101200953-55	N	Total Organic Carbon	0.069	1.3	1.3	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111477

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Pesticides (DDTs) by BNA-SIM**
   It was noted that the data flagging system did not identify Field Duplicates as parent samples for the matrix spike (MS) and matrix spike duplicate (SD); thus, the system could not properly apply qualifiers for percent recoveries out of project control limits. Qualifiers were applied on this basis as seen on the Qualified Results report.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111477

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111477, Certified - 2/5/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 15-Feb-2010

Samples Included in SDG 09111477

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	0	22
D2216/NONE	0	22
PCBSIM/NONE	0	22
SW9060/NONE	0	22

AUTOMATED DATA REVIEW SUMMARY for 09111477

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111477. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Blank

Field Duplicate RPD

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111477

Confirmation Column Difference

Field Blank

Calibration Blank

Equip Blank

Continuing Calibration Verification

Trip Blank

Calibration Blank - Negative

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09111477

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 11.70% (142 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

15-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111477

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120L18	091120L18	NA	LABQC	SQ	LABQC	099130136		11/20/2009 12:00	11/27/2009 10:47	LB
	091120L18	NA	LABQC	SQ	LABQC	099130136		11/20/2009 12:00	11/27/2009 11:10	BS
	091120L18	NA	LABQC	SQ	LABQC	099130136		11/20/2009 12:00	11/27/2009 11:34	BD
091120S18	091120L18	NA	OA05	SE	OA0502200977	0911147739		11/17/2009 12:00	11/27/2009 11:57	MS
	091120L18	NA	OA05	SE	OA0502200977	0911147739		11/17/2009 12:00	11/27/2009 12:21	SD
	091120L18	NA	OA05	SE	OA0502200977	0911147739		11/17/2009 12:00	11/27/2009 12:44	FD
	091120L18	NA	OA05	SE	OA0502200977	0911147739		11/17/2009 12:00	11/27/2009 12:44	FD
	091120L18	NA	OA05	SE	OA0502200901	091114771		11/17/2009 12:00	11/27/2009 1:08	FD
	091120L18	NA	OA05	SE	OA0502200901	091114771		11/17/2009 12:00	11/27/2009 1:08	FD
	091120L18	NA	OA05	SE	OA0502200903	091114772		11/17/2009 12:00	11/27/2009 1:32	FD
	091120L18	NA	OA05	SE	OA0502200903	091114772		11/17/2009 12:00	11/27/2009 1:32	FD
	091120L18	NA	OA05	SE	OA0502200905	091114773		11/17/2009 12:00	11/27/2009 1:55	FD
	091120L18	NA	OA05	SE	OA0502200905	091114773		11/17/2009 12:00	11/27/2009 1:55	FD
	091120L18	NA	OA05	SE	OA0502200907	091114774		11/17/2009 12:00	11/27/2009 2:19	FD
	091120L18	NA	OA05	SE	OA0502200907	091114774		11/17/2009 12:00	11/27/2009 2:19	FD
	091120L18	NA	OA05	SE	OA0502200909-11	0911147741		11/17/2009 12:00	11/27/2009 2:42	FD
	091120L18	NA	OA05	SE	OA0502200909-11	0911147741		11/17/2009 12:00	11/27/2009 2:42	FD
	091120L18	NA	OA05	SE	OA0502200913-15	0911147742		11/17/2009 12:00	11/27/2009 3:06	FD
	091120L18	NA	OA05	SE	OA0502200913-15	0911147742		11/17/2009 12:00	11/27/2009 3:06	FD
	091120L18	NA	OA05	SE	OA0502200917-19	0911147743		11/17/2009 12:00	11/27/2009 3:29	FD
	091120L18	NA	OA05	SE	OA0502200917-19	0911147743		11/17/2009 12:00	11/27/2009 3:29	FD
	091120L18	NA	OA05	SE	OA0502200921-23	0911147744		11/17/2009 12:00	11/27/2009 3:53	FD
	091120L18	NA	OA05	SE	OA0502200921-23	0911147744		11/17/2009 12:00	11/27/2009 3:53	FD
	091120L18	NA	OA05	SE	OA0502200925-27	0911147745		11/17/2009 12:00	11/27/2009 4:16	FD
	091120L18	NA	OA05	SE	OA0502200925-27	0911147745		11/17/2009 12:00	11/27/2009 4:16	FD
	091120L18	NA	OA05	SE	OA0502200929-31	0911147746		11/17/2009 12:00	11/27/2009 4:39	FD
	091120L18	NA	OA05	SE	OA0502200929-31	0911147746		11/17/2009 12:00	11/27/2009 4:39	FD

AUTOMATED DATA REVIEW SUMMARY for 09111477

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120S18	091120L18	NA	OA05	SE	OA0502200933-35	0911147747		11/17/2009 12:00	11/27/2009 5:03	FD
	091120L18	NA	OA05	SE	OA0502200933-35	0911147747		11/17/2009 12:00	11/27/2009 5:03	FD
	091120L18	NA	OA05	SE	OA0502200937-39	0911147748		11/17/2009 12:00	11/27/2009 5:26	FD
	091120L18	NA	OA05	SE	OA0502200937-39	0911147748		11/17/2009 12:00	11/27/2009 5:26	FD
	091120L18	NA	OA05	SE	OA0502200941-43	0911147749		11/17/2009 12:00	11/27/2009 5:50	FD
	091120L18	NA	OA05	SE	OA0502200941-43	0911147749		11/17/2009 12:00	11/27/2009 5:50	FD
	091120L18	NA	OA05	SE	OA0502200945-47	0911147750		11/17/2009 12:00	11/27/2009 6:14	FD
	091120L18	NA	OA05	SE	OA0502200945-47	0911147750		11/17/2009 12:00	11/27/2009 6:14	FD
	091120L18	NA	OA05	SE	OA0502200949-51	0911147751		11/17/2009 12:00	11/27/2009 6:37	FD
	091120L18	NA	OA05	SE	OA0502200949-51	0911147751		11/17/2009 12:00	11/27/2009 6:37	FD
	091120L18	NA	OA05	SE	OA0502200953-55	0911147752		11/17/2009 12:00	11/27/2009 7:00	FD
	091120L18	NA	OA05	SE	OA0502200953-55	0911147752		11/17/2009 12:00	11/27/2009 7:00	FD
	091120L18	NA	OA05	SE	OA0502200957-59	0911147753		11/17/2009 12:00	11/27/2009 7:24	FD
	091120L18	NA	OA05	SE	OA0502200957-59	0911147753		11/17/2009 12:00	11/27/2009 7:24	FD
091120S18P	091120L18	NA	OA05	SE	OA0502200961-63	0911147754		11/17/2009 12:00	11/27/2009 7:48	FD
	091120L18	NA	OA05	SE	OA0502200961-63	0911147754		11/17/2009 12:00	11/27/2009 7:48	FD
091120S18	091120L18	NA	OA05	SE	OA0502200965-67	0911147755		11/17/2009 12:00	11/27/2009 8:11	FD
	091120L18	NA	OA05	SE	OA0502200965-67	0911147755		11/17/2009 12:00	11/27/2009 8:11	FD
091120S19P	091120L19	NA	OA05	SE	OA0502200969-71	0911147756		11/17/2009 12:00	11/27/2009 8:35	FD
	091120L19	NA	OA05	SE	OA0502200969-71	0911147756		11/17/2009 12:00	11/27/2009 8:35	FD
091120S19	091120L19	NA	OA05	SE	OA0502200973-75	0911147757		11/17/2009 12:00	11/27/2009 8:58	FD
	091120L19	NA	OA05	SE	OA0502200973-75	0911147757		11/17/2009 12:00	11/27/2009 8:58	FD
091120L19	091120L19	NA	LABQC	SQ	LABQC	099130137		11/20/2009 12:00	11/28/2009 10:51	LB
	091120L19	NA	LABQC	SQ	LABQC	099130137		11/20/2009 12:00	11/28/2009 11:15	BS
	091120L19	NA	LABQC	SQ	LABQC	099130137		11/20/2009 12:00	11/28/2009 11:38	BD
091120S18	091120L18	NA	OA05	SE	OA0502200903	091114772		11/17/2009 12:00	11/28/2009 1:59	FD
	091120L18	NA	OA05	SE	OA0502200905	091114773		11/17/2009 12:00	11/28/2009 2:23	FD
	091120L18	NA	OA05	SE	OA0502200907	091114774		11/17/2009 12:00	11/28/2009 2:46	FD

AUTOMATED DATA REVIEW SUMMARY for 09111477

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120S18	091120L18	NA	OA05	SE	OA0502200909-11	0911147741		11/17/2009 12:00	11/28/2009 3:10	FD
	091120L18	NA	OA05	SE	OA0502200913-15	0911147742		11/17/2009 12:00	11/28/2009 3:33	FD
	091120L18	NA	OA05	SE	OA0502200917-19	0911147743		11/17/2009 12:00	11/28/2009 3:57	FD
	091120L18	NA	OA05	SE	OA0502200921-23	0911147744		11/17/2009 12:00	11/28/2009 4:20	FD
	091120L18	NA	OA05	SE	OA0502200925-27	0911147745		11/17/2009 12:00	11/28/2009 4:44	FD
	091120L18	NA	OA05	SE	OA0502200929-31	0911147746		11/17/2009 12:00	11/28/2009 5:07	FD
	091120L18	NA	OA05	SE	OA0502200933-35	0911147747		11/17/2009 12:00	11/28/2009 5:31	FD
	091120L18	NA	OA05	SE	OA0502200937-39	0911147748		11/17/2009 12:00	11/28/2009 5:54	FD
	091120L18	NA	OA05	SE	OA0502200941-43	0911147749		11/17/2009 12:00	11/28/2009 6:18	FD
	091120L18	NA	OA05	SE	OA0502200945-47	0911147750		11/17/2009 12:00	11/28/2009 6:41	FD
	091120L18	NA	OA05	SE	OA0502200949-51	0911147751		11/17/2009 12:00	11/28/2009 7:05	FD
	091120L18	NA	OA05	SE	OA0502200953-55	0911147752		11/17/2009 12:00	11/28/2009 7:28	FD
	091120L18	NA	OA05	SE	OA0502200949-51	0911147751		11/17/2009 12:00	11/30/2009 1:16	FD

AUTOMATED DATA REVIEW SUMMARY for 09111477

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOID6	NA	NA	OA05	SE	OA0502200961-63	0911147754		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200965-67	0911147755		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200957-59	0911147753		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200953-55	0911147752		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200949-51	0911147751		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200945-47	0911147750		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200941-43	0911147749		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200929-31	0911147746		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200937-39	0911147748		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200933-35	0911147747		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200917-19	0911147743		11/17/2009 12:00	11/21/2009 11:00	LR
	NA	NA	OA05	SE	OA0502200925-27	0911147745		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200921-23	0911147744		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200909-11	0911147741		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200917-19	0911147743		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200913-15	0911147742		11/17/2009 12:00	11/21/2009 11:00	FD
91121MOIB6	NA	NA	LABQC	SQ	LABQC	099050141582		11/21/2009 11:00	11/21/2009 11:00	LB
91121MOID6	NA	NA	OA05	SE	OA0502200907	091114774		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200905	091114773		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200903	091114772		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200901	091114771		11/17/2009 12:00	11/21/2009 11:00	FD
	NA	NA	OA05	SE	OA0502200977	0911147739		11/17/2009 12:00	11/21/2009 11:00	FD
91121MOID8	NA	NA	OA05	SE	OA0502200973-75	0911147757		11/17/2009 12:00	11/21/2009 4:00	FD
	NA	NA	OA05	SE	OA0502200969-71	0911147756		11/17/2009 12:00	11/21/2009 4:00	FD
91121MOIB8	NA	NA	LABQC	SQ	LABQC	099050141583		11/21/2009 4:00	11/21/2009 4:00	LB

AUTOMATED DATA REVIEW SUMMARY for 09111477

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120L20A	091120L20A	NA	LABQC	SQ	LABQC	0991301726		11/20/2009 12:00	11/27/2009 11:24	BS
	091120L20A	NA	LABQC	SQ	LABQC	0991301726		11/20/2009 12:00	11/27/2009 11:55	BD
091120S20	091120L20A	NA	OA05	SE	OA0502200965-67	0911147755		11/17/2009 12:00	11/27/2009 12:26	MS
	091120L20A	NA	OA05	SE	OA0502200965-67	0911147755		11/17/2009 12:00	11/27/2009 12:56	SD
	091120L20A	NA	OA05	SE	OA0502200901	091114771		11/17/2009 12:00	11/27/2009 1:55	FD
	091120L20A	NA	OA05	SE	OA0502200901	091114771		11/17/2009 12:00	11/27/2009 1:55	FD
	091120L20A	NA	OA05	SE	OA0502200903	091114772		11/17/2009 12:00	11/27/2009 2:26	FD
	091120L20A	NA	OA05	SE	OA0502200903	091114772		11/17/2009 12:00	11/27/2009 2:26	FD
	091120L20A	NA	OA05	SE	OA0502200905	091114773		11/17/2009 12:00	11/27/2009 2:57	FD
	091120L20A	NA	OA05	SE	OA0502200905	091114773		11/17/2009 12:00	11/27/2009 2:57	FD
	091120L20A	NA	OA05	SE	OA0502200907	091114774		11/17/2009 12:00	11/27/2009 3:26	FD
	091120L20A	NA	OA05	SE	OA0502200907	091114774		11/17/2009 12:00	11/27/2009 3:26	FD
	091120L20A	NA	OA05	SE	OA0502200977	0911147739		11/17/2009 12:00	11/27/2009 3:56	FD
	091120L20A	NA	OA05	SE	OA0502200977	0911147739		11/17/2009 12:00	11/27/2009 3:56	FD
091120L20A	091120L20A	NA	LABQC	SQ	LABQC	0991301726		11/20/2009 12:00	12/11/2009 9:48	LB
091212L05	091212L05	NA	LABQC	SQ	LABQC	0991301776		12/12/2009 12:00	12/27/2009 11:48	LB
	091212L05	NA	LABQC	SQ	LABQC	0991301776		12/12/2009 12:00	12/27/2009 12:18	BS
	091212L05	NA	LABQC	SQ	LABQC	0991301776		12/12/2009 12:00	12/27/2009 12:47	BD
091212S05	091212L05	NA	OA05	SE	OA0502200913-15	0911147742		11/17/2009 12:00	12/27/2009 6:10	FD
	091212L05	NA	OA05	SE	OA0502200917-19	0911147743		11/17/2009 12:00	12/27/2009 6:39	FD
	091212L05	NA	OA05	SE	OA0502200921-23	0911147744		11/17/2009 12:00	12/27/2009 7:09	FD
	091212L05	NA	OA05	SE	OA0502200925-27	0911147745		11/17/2009 12:00	12/27/2009 7:38	FD
	091212L05	NA	OA05	SE	OA0502200933-35	0911147747		11/17/2009 12:00	12/27/2009 8:08	FD
	091212L05	NA	OA05	SE	OA0502200937-39	0911147748		11/17/2009 12:00	12/27/2009 8:37	FD
	091212L05	NA	OA05	SE	OA0502200941-43	0911147749		11/17/2009 12:00	12/27/2009 9:06	FD
	091212L05	NA	OA05	SE	OA0502200945-47	0911147750		11/17/2009 12:00	12/27/2009 9:36	FD
091212L06	091212L06	NA	LABQC	SQ	LABQC	0991301778		12/12/2009 12:00	12/28/2009 10:38	LB
	091212L06	NA	LABQC	SQ	LABQC	0991301778		12/12/2009 12:00	12/28/2009 11:08	BS

AUTOMATED DATA REVIEW SUMMARY for 09111477

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091212L06	091212L06	NA	LABQC	SQ	LABQC	0991301778		12/12/2009 12:00	12/28/2009 11:36	BD
091212S05	091212L05	NA	OA05	SE	OA0502200929-31	0911147746		11/17/2009 12:00	12/28/2009 1:04	FD
091212S06	091212L06	NA	OA05	SE	OA0502200949-51	0911147751		11/17/2009 12:00	12/28/2009 10:16	FD
	091212L06	NA	OA05	SE	OA0502200953-55	0911147752		11/17/2009 12:00	12/28/2009 10:45	FD
	091212L06	NA	OA05	SE	OA0502200957-59	0911147753		11/17/2009 12:00	12/28/2009 11:14	FD
	091212L06	NA	OA05	SE	OA0502200961-63	0911147754		11/17/2009 12:00	12/28/2009 11:43	FD
	091212L06	NA	OA05	SE	OA0502200965-67	0911147755		11/17/2009 12:00	12/29/2009 12:13	FD
	091212L06	NA	OA05	SE	OA0502200969-71	0911147756		11/17/2009 12:00	12/29/2009 12:43	FD
	091212L06	NA	OA05	SE	OA0502200973-75	0911147757		11/17/2009 12:00	12/29/2009 1:11	FD
	091212L06	NA	OA05	SE	OA0502200961-63	0911147754		11/17/2009 12:00	12/29/2009 1:41	MS
	091212L06	NA	OA05	SE	OA0502200961-63	0911147754		11/17/2009 12:00	12/29/2009 2:10	SD
091212S05	091212L05	NA	OA05	SE	OA0502200909-11	0911147741		11/17/2009 12:00	12/31/2009 2:31	FD

AUTOMATED DATA REVIEW SUMMARY for 09111477

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91122TOCS1	NA	NA	OA05	SE	OA0502200909-11	0911147741		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200913-15	0911147742		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200917-19	0911147743		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200925-27	0911147745		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200921-23	0911147744		11/17/2009 12:00	11/22/2009 4:23	FD
91122TOCL1	NA	NA	LABQC	SQ	LABQC	09906013413		11/22/2009 4:23	11/22/2009 4:23	BS
	NA	NA	LABQC	SQ	LABQC	09906013413		11/22/2009 4:23	11/22/2009 4:23	LB
91122TOCS1	NA	NA	OA05	SE	OA0502200907	091114774		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200905	091114773		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200903	091114772		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200901	091114771		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200961-63	0911147754		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200965-67	0911147755		11/17/2009 12:00	11/22/2009 4:23	SD
	NA	NA	OA05	SE	OA0502200965-67	0911147755		11/17/2009 12:00	11/22/2009 4:23	MS
	NA	NA	OA05	SE	OA0502200965-67	0911147755		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200957-59	0911147753		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200949-51	0911147751		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200953-55	0911147752		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200929-31	0911147746		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200933-35	0911147747		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200937-39	0911147748		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200945-47	0911147750		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200941-43	0911147749		11/17/2009 12:00	11/22/2009 4:23	FD
	NA	NA	OA05	SE	OA0502200977	0911147739		11/17/2009 12:00	11/22/2009 4:23	FD
91123TOCL1	NA	NA	OA05	SE	OA0502200969-71	0911147756		11/17/2009 12:00	11/23/2009 5:26	FD
	NA	NA	OA05	SE	OA0502200973-75	0911147757		11/17/2009 12:00	11/23/2009 5:26	FD
	NA	NA	LABQC	SQ	LABQC	09906013414		11/23/2009 5:26	11/23/2009 5:26	LB

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA0502200977 / SD	1	p,p'-DDE	44.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0502200977 / MS	1	p,p'-DDT	128	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	Blank	P091120L20ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	3.3	ug/kg	U/None	< 1.9	< 7	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0502200901	FD	p,p'-DDT	10.0	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200903	FD	p,p'-DDD	9.1	240	240 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200903	FD	o,p'-DDT	9.1	9.0 J	9.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0502200903	FD	p,p'-DDT	9.1	220	220 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200905	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.1	440	440 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200905	FD	1,1-bis(p-chlorophenyl)ethane	9.1	76.0	76.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200907	FD	o,p'-DDE	9.2	330	330 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200907	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.2	560	560 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200907	FD	1,1-bis(p-chlorophenyl)ethane	9.2	93.0	93.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200907	FD	p,p'-DDT	9.2	28.0	28.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200909-11	FD	o,p'-DDE	9.7	330	330 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.7	620	620 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200909-11	FD	1,1-bis(p-chlorophenyl)ethane	9.7	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200913-15	FD	p,p'-DDD	10.0	730	730 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200913-15	FD	1,1-bis(p-chlorophenyl)ethane	10.0	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200913-15	FD	p,p'-DDT	10.0	69.0	69.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200921-23	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	110	1100 D	1100 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200921-23	FD	1,1-bis(p-chlorophenyl)ethane	11.0	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200921-23	FD	p,p'-DDT	11.0	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	OA0502200929-31	FD	o,p'-DDD	13.0	630	630 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200929-31	FD	p,p'-DDD	1300	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200929-31	FD	o,p'-DDE	1300	4600 D	4600 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0502200929-31	FD	p,p'-DDE	1300	29000 D	29000 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200929-31	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1300	5400 D	5400 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200929-31	FD	1,1-bis(p-chlorophenyl)ethane	1300	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	o,p'-DDD	14.0	790	790 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	p,p'-DDD	1400	3000 D	3000 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	o,p'-DDE	1400	9100 D	9100 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	p,p'-DDE	1400	49000 D	49000 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1400	10000 D	10000 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	1,1-bis(p-chlorophenyl)ethane	1400	1800 D	1800 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200937-39	FD	p,p'-DDD	1200	1400 D	1400 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200937-39	FD	1,1-bis(p-chlorophenyl)ethane	12.0	1200	1200 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200941-43	FD	1,1-bis(p-chlorophenyl)ethane	13.0	940	940 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	o,p'-DDD	12.0	450	450 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	p,p'-DDD	610	5100 D	5100 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	o,p'-DDE	610	2400 D	2400 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	p,p'-DDE	610	17000 D	17000 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	610	4300 D	4300 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	1,1-bis(p-chlorophenyl)ethane	12.0	800	800 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	p,p'-DDT	12.0	100	100 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200949-51	FD	o,p'-DDD	10.0	330	330 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200949-51	FD	o,p'-DDE	10.0	940	940 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200949-51	FD	p,p'-DDE	520	12000 D	12000 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200949-51	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	100	1700 D	1700 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0502200949-51	FD	1,1-bis(p-chlorophenyl)ethane	10.0	430	430 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200953-55	FD	o,p'-DDD	8.5	140	140 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200953-55	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.5	620	620 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200953-55	FD	p,p'-DDT	8.5	30.0	30.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	o,p'-DDD	7.5	22.0	22.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	p,p'-DDD	7.5	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	o,p'-DDE	7.5	83.0	83.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	p,p'-DDE	7.5	580	580 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	190	190 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	1,1-bis(p-chlorophenyl)ethane	7.5	53.0	53.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	p,p'-DDT	7.5	7.5 U	7.5 UJ	ug/kg	D3
BNASIM/NONE	SE	OA0502200961-63	FD	o,p'-DDD	7.5	6.2 J	6.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0502200961-63	FD	p,p'-DDD	7.5	29.0	29.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200961-63	FD	o,p'-DDE	7.5	29.0	29.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200961-63	FD	p,p'-DDE	7.5	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200961-63	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	74.0	74.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200961-63	FD	1,1-bis(p-chlorophenyl)ethane	7.5	16.0	16.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200965-67	FD	p,p'-DDD	7.1	8.5	8.5 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200965-67	FD	o,p'-DDE	7.1	14.0	14.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200965-67	FD	p,p'-DDE	7.1	94.0	94.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200965-67	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	44.0	44.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200965-67	FD	1,1-bis(p-chlorophenyl)ethane	7.1	7.2	7.2 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200969-71	FD	o,p'-DDE	7.0	5.7 J	5.7 J	ug/kg	TRD3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0502200969-71	FD	p,p'-DDE	7.0	33.0	33.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200969-71	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	13.0	13.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200969-71	FD	1,1-bis(p-chlorophenyl)ethane	7.0	2.7 J	2.7 J	ug/kg	TR
BNASIM/NONE	SE	OA0502200973-75	FD	o,p'-DDE	7.1	7.1 U	7.1 UJ	ug/kg	D3
BNASIM/NONE	SE	OA0502200973-75	FD	p,p'-DDE	7.1	4.0 J	4.0 J	ug/kg	TRD3
BNASIM/NONE	SE	OA0502200973-75	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	7.1 U	7.1 UJ	ug/kg	D3
BNASIM/NONE	SE	OA0502200973-75	FD	1,1-bis(p-chlorophenyl)ethane	7.1	7.1 U	7.1 UJ	ug/kg	D3
BNASIM/NONE	SE	OA0502200977	FD	p,p'-DDE	7.0	150	150 J	ug/kg	M
BNASIM/NONE	SE	OA0502200977	FD	p,p'-DDT	7.0	6.2 J	6.2 J	ug/kg	MTR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200901	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200901	FD	2,3',4,4',5-Pentachlorobiphenyl	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200901	FD	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	10.0 JB	10.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA0502200901	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200901	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200901	FD	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200901	FD	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200901	FD	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.1	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.1	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,3',4,4',5-Pentachlorobiphenyl	9.1	7.7 J	7.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200903	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	PCB-138/158	9.1	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.1	9.1 JB	9.1 U	ug/kg	B1
PCBSIM/NONE	SE	OA0502200903	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.1	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',5-TRICHLOROBIPHENYL	9.1	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,4,4'-TRICHLOROBIPHENYL	9.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.1	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.1	9.1 JB	9.1 U	ug/kg	B1
PCBSIM/NONE	SE	OA0502200905	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	2,2',5-TRICHLOROBIPHENYL	9.1	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	2,4,4'-TRICHLOROBIPHENYL	9.1	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,4'-DICHLOROBIPHENYL	9.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.2	5.3 J	5.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200907	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	11.0 B	11.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.7	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.7	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.7	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.7	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.7	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',5-TRICHLOROBIPHENYL	9.7	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,4,4'-TRICHLOROBIPHENYL	9.7	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	9.7 J	9.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,4,4'-TRICHLOROBIPHENYL	10.0	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	5.1 J	5.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200917-19	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	2,2',5-TRICHLOROBIPHENYL	11.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	2,4,4'-TRICHLOROBIPHENYL	11.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	9.9 J	9.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200925-27	FD	2,4'-DICHLOROBIPHENYL	12.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	48.0	48.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	2,3',4,4',5-Pentachlorobiphenyl	12.0	57.0	57.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	PCB-138/158	12.0	51.0	51.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	71.0	71.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	63.0	63.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	58.0	58.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	8.3 J	8.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200929-31	FD	2,4'-DICHLOROBIPHENYL	13.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	13.0	10.0 J	10.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	13.0	19.0	19.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	47.0	47.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,3',4,4',5-Pentachlorobiphenyl	13.0	67.0	67.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	13.0	5.9 J	5.9 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA0502200929-31	FD	PCB-138/158	13.0	54.0	54.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200929-31	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	13.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	87.0	87.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	38.0	38.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	13.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	91.0	91.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	100	100 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	82.0	82.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	3,3',4,4'-TETRACHLOROBIPHENYL	13.0	10.0 J	10.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',5-TRICHLOROBIPHENYL	13.0	47.0	47.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,4,4'-TRICHLOROBIPHENYL	13.0	38.0	38.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,4'-DICHLOROBIPHENYL	14.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	14.0	87.0	87.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,3,4,4',5-Pentachlorobiphenyl	14.0	7.0 J	7.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200933-35	FD	2,3',4,4',5-Pentachlorobiphenyl	14.0	130	130 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	PCB-138/158	14.0	95.0	95.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	14.0	160	160 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	14.0	73.0	73.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	14.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',3,5'-TETRACHLOROBIPHENYL	14.0	160	160 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',5,5'-TETRACHLOROBIPHENYL	14.0	180	180 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,3',4,4'-TETRACHLOROBIPHENYL	14.0	140	140 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',5-TRICHLOROBIPHENYL	14.0	82.0	82.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,4,4'-TRICHLOROBIPHENYL	14.0	76.0	76.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,4'-DICHLOROBIPHENYL	12.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	58.0	58.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,3',4,4',5-Pentachlorobiphenyl	12.0	68.0	68.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	PCB-138/158	12.0	65.0	65.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	9.9 J	9.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200937-39	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	86.0	86.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	38.0	38.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	71.0	71.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	88.0	88.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	59.0	59.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',5-TRICHLOROBIPHENYL	12.0	39.0	39.0 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200937-39	FD	2,4,4'-TRICHLOROBIPHENYL	12.0	32.0	32.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	13.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	13.0	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	41.0	41.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,3',4,4',5-Pentachlorobiphenyl	13.0	42.0	42.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	13.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	PCB-138/158	13.0	43.0	43.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	13.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	53.0	53.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	41.0	41.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	47.0	47.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	37.0	37.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	3,3',4,4'-TETRACHLOROBIPHENYL	13.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200945-47	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200945-47	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200945-47	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200945-47	FD	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	4.1 J	4.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200949-51	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200949-51	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',5-TRICHLOROBIPHENYL	10.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200949-51	FD	2,4,4'-TRICHLOROBIPHENYL	10.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,3',4,4',5-Pentachlorobiphenyl	8.5	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200977	FD	2,3,3',4,4',5-Hexachlorobiphenyl	7.0	7.0 JB	7.0 U	ug/kg	B1

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA0502200901	FD	Total Organic Carbon	0.10	1.9	1.9 J	PERCENT	D3
SW9060/NONE	SE	OA0502200905	FD	Total Organic Carbon	0.091	2.0	2.0 J	PERCENT	D3
SW9060/NONE	SE	OA0502200907	FD	Total Organic Carbon	0.092	1.9	1.9 J	PERCENT	D3
SW9060/NONE	SE	OA0502200909-11	FD	Total Organic Carbon	0.097	2.6	2.6 J	PERCENT	D3
SW9060/NONE	SE	OA0502200913-15	FD	Total Organic Carbon	0.10	3.2	3.2 J	PERCENT	D3
SW9060/NONE	SE	OA0502200917-19	FD	Total Organic Carbon	0.11	3.8	3.8 J	PERCENT	D3
SW9060/NONE	SE	OA0502200921-23	FD	Total Organic Carbon	0.11	3.6	3.6 J	PERCENT	D3
SW9060/NONE	SE	OA0502200937-39	FD	Total Organic Carbon	0.12	5.6	5.6 J	PERCENT	D3
SW9060/NONE	SE	OA0502200945-47	FD	Total Organic Carbon	0.12	5.1	5.1 J	PERCENT	D3
SW9060/NONE	SE	OA0502200949-51	FD	Total Organic Carbon	0.10	3.3	3.3 J	PERCENT	D3
SW9060/NONE	SE	OA0502200953-55	FD	Total Organic Carbon	0.085	1.8	1.8 J	PERCENT	D3
SW9060/NONE	SE	OA0502200957-59	FD	Total Organic Carbon	0.075	1.3	1.3 J	PERCENT	D3
SW9060/NONE	SE	OA0502200961-63	FD	Total Organic Carbon	0.075	1.1	1.1 J	PERCENT	D3
SW9060/NONE	SE	OA0502200965-67	FD	Total Organic Carbon	0.071	0.92	0.92 J	PERCENT	D3
SW9060/NONE	SE	OA0502200969-71	FD	Total Organic Carbon	0.070	0.71	0.71 J	PERCENT	D3
SW9060/NONE	SE	OA0502200973-75	FD	Total Organic Carbon	0.071	0.99	0.99 J	PERCENT	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0502200901	FD	o,p'-DDD	10.0	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA0502200901	FD	p,p'-DDD	10.0	96.0	96.0	ug/kg	
BNASIM/NONE	SE	OA0502200901	FD	o,p'-DDE	10.0	130	130	ug/kg	
BNASIM/NONE	SE	OA0502200901	FD	p,p'-DDE	10.0	810	810	ug/kg	
BNASIM/NONE	SE	OA0502200901	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	10.0	180	180	ug/kg	
BNASIM/NONE	SE	OA0502200901	FD	1,1-bis(p-chlorophenyl)ethane	10.0	22.0	22.0	ug/kg	
BNASIM/NONE	SE	OA0502200901	FD	p,p'-DDT	10.0	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200903	FD	o,p'-DDD	9.1	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA0502200903	FD	p,p'-DDD	9.1	240	240 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200903	FD	o,p'-DDE	9.1	170	170	ug/kg	
BNASIM/NONE	SE	OA0502200903	FD	p,p'-DDE	45.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA0502200903	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.1	220	220	ug/kg	
BNASIM/NONE	SE	OA0502200903	FD	1,1-bis(p-chlorophenyl)ethane	9.1	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA0502200903	FD	o,p'-DDT	9.1	9.0 J	9.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0502200903	FD	p,p'-DDT	9.1	220	220 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200905	FD	o,p'-DDD	9.1	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA0502200905	FD	p,p'-DDD	9.1	180	180	ug/kg	
BNASIM/NONE	SE	OA0502200905	FD	o,p'-DDE	9.1	270	270	ug/kg	
BNASIM/NONE	SE	OA0502200905	FD	p,p'-DDE	46.0	1800 D	1800	ug/kg	
BNASIM/NONE	SE	OA0502200905	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.1	440	440 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200905	FD	1,1-bis(p-chlorophenyl)ethane	9.1	76.0	76.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200905	FD	p,p'-DDT	9.1	20.0	20.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0502200907	FD	o,p'-DDD	9.2	50.0	50.0	ug/kg	
BNASIM/NONE	SE	OA0502200907	FD	p,p'-DDD	9.2	350	350	ug/kg	
BNASIM/NONE	SE	OA0502200907	FD	o,p'-DDE	9.2	330	330 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200907	FD	p,p'-DDE	46.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA0502200907	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.2	560	560 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200907	FD	1,1-bis(p-chlorophenyl)ethane	9.2	93.0	93.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200907	FD	o,p'-DDT	9.2	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA0502200907	FD	p,p'-DDT	9.2	28.0	28.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200909-11	FD	o,p'-DDD	9.7	52.0	52.0	ug/kg	
BNASIM/NONE	SE	OA0502200909-11	FD	p,p'-DDD	9.7	240	240	ug/kg	
BNASIM/NONE	SE	OA0502200909-11	FD	o,p'-DDE	9.7	330	330 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200909-11	FD	p,p'-DDE	49.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA0502200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.7	620	620 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200909-11	FD	1,1-bis(p-chlorophenyl)ethane	9.7	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200909-11	FD	o,p'-DDT	9.7	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA0502200913-15	FD	o,p'-DDD	10.0	72.0	72.0	ug/kg	
BNASIM/NONE	SE	OA0502200913-15	FD	p,p'-DDD	10.0	730	730 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200913-15	FD	o,p'-DDE	10.0	420	420	ug/kg	
BNASIM/NONE	SE	OA0502200913-15	FD	p,p'-DDE	52.0	2300 D	2300	ug/kg	
BNASIM/NONE	SE	OA0502200913-15	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	10.0	640	640	ug/kg	
BNASIM/NONE	SE	OA0502200913-15	FD	1,1-bis(p-chlorophenyl)ethane	10.0	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200913-15	FD	o,p'-DDT	10.0	16.0	16.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0502200913-15	FD	p,p'-DDT	10.0	69.0	69.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200917-19	FD	o,p'-DDD	11.0	70.0	70.0	ug/kg	
BNASIM/NONE	SE	OA0502200917-19	FD	p,p'-DDD	11.0	320	320	ug/kg	
BNASIM/NONE	SE	OA0502200917-19	FD	o,p'-DDE	11.0	500	500	ug/kg	
BNASIM/NONE	SE	OA0502200917-19	FD	p,p'-DDE	110	3000 D	3000	ug/kg	
BNASIM/NONE	SE	OA0502200917-19	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	11.0	890	890	ug/kg	
BNASIM/NONE	SE	OA0502200917-19	FD	1,1-bis(p-chlorophenyl)ethane	11.0	190	190	ug/kg	
BNASIM/NONE	SE	OA0502200917-19	FD	o,p'-DDT	11.0	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA0502200921-23	FD	o,p'-DDD	11.0	78.0	78.0	ug/kg	
BNASIM/NONE	SE	OA0502200921-23	FD	p,p'-DDD	11.0	330	330	ug/kg	
BNASIM/NONE	SE	OA0502200921-23	FD	o,p'-DDE	11.0	550	550	ug/kg	
BNASIM/NONE	SE	OA0502200921-23	FD	p,p'-DDE	110	2900 D	2900	ug/kg	
BNASIM/NONE	SE	OA0502200921-23	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	110	1100 D	1100 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200921-23	FD	1,1-bis(p-chlorophenyl)ethane	11.0	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200921-23	FD	o,p'-DDT	11.0	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA0502200921-23	FD	p,p'-DDT	11.0	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	OA0502200925-27	FD	o,p'-DDD	12.0	130	130	ug/kg	
BNASIM/NONE	SE	OA0502200925-27	FD	p,p'-DDD	12.0	450	450	ug/kg	
BNASIM/NONE	SE	OA0502200925-27	FD	o,p'-DDE	12.0	1200	1200	ug/kg	
BNASIM/NONE	SE	OA0502200925-27	FD	p,p'-DDE	120	7200 D	7200	ug/kg	
BNASIM/NONE	SE	OA0502200925-27	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	120	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA0502200925-27	FD	1,1-bis(p-chlorophenyl)ethane	12.0	300	300	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0502200925-27	FD	o,p'-DDT	12.0	39.0	39.0	ug/kg	
BNASIM/NONE	SE	OA0502200929-31	FD	o,p'-DDD	13.0	630	630 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200929-31	FD	p,p'-DDD	1300	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200929-31	FD	o,p'-DDE	1300	4600 D	4600 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200929-31	FD	p,p'-DDE	1300	29000 D	29000 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200929-31	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1300	5400 D	5400 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200929-31	FD	1,1-bis(p-chlorophenyl)ethane	1300	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200929-31	FD	o,p'-DDT	13.0	54.0	54.0	ug/kg	
BNASIM/NONE	SE	OA0502200933-35	FD	o,p'-DDD	14.0	790	790 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	p,p'-DDD	1400	3000 D	3000 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	o,p'-DDE	1400	9100 D	9100 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	p,p'-DDE	1400	49000 D	49000 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1400	10000 D	10000 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	1,1-bis(p-chlorophenyl)ethane	1400	1800 D	1800 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200933-35	FD	o,p'-DDT	14.0	52.0	52.0	ug/kg	
BNASIM/NONE	SE	OA0502200933-35	FD	p,p'-DDT	14.0	43.0	43.0	ug/kg	
BNASIM/NONE	SE	OA0502200937-39	FD	o,p'-DDD	12.0	480	480	ug/kg	
BNASIM/NONE	SE	OA0502200937-39	FD	p,p'-DDD	1200	1400 D	1400 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200937-39	FD	o,p'-DDE	1200	5800 D	5800	ug/kg	
BNASIM/NONE	SE	OA0502200937-39	FD	p,p'-DDE	1200	27000 D	27000	ug/kg	
BNASIM/NONE	SE	OA0502200937-39	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1200	8300 D	8300	ug/kg	
BNASIM/NONE	SE	OA0502200937-39	FD	1,1-bis(p-chlorophenyl)ethane	12.0	1200	1200 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0502200937-39	FD	o,p'-DDT	12.0	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA0502200937-39	FD	p,p'-DDT	12.0	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA0502200941-43	FD	o,p'-DDD	13.0	730	730	ug/kg	
BNASIM/NONE	SE	OA0502200941-43	FD	p,p'-DDD	1300	3200 D	3200	ug/kg	
BNASIM/NONE	SE	OA0502200941-43	FD	o,p'-DDE	1300	6400 D	6400	ug/kg	
BNASIM/NONE	SE	OA0502200941-43	FD	p,p'-DDE	1300	32000 D	32000	ug/kg	
BNASIM/NONE	SE	OA0502200941-43	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1300	8500 D	8500	ug/kg	
BNASIM/NONE	SE	OA0502200941-43	FD	1,1-bis(p-chlorophenyl)ethane	13.0	940	940 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200941-43	FD	o,p'-DDT	13.0	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA0502200941-43	FD	p,p'-DDT	13.0	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA0502200945-47	FD	o,p'-DDD	12.0	450	450 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	p,p'-DDD	610	5100 D	5100 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	o,p'-DDE	610	2400 D	2400 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	p,p'-DDE	610	17000 D	17000 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	610	4300 D	4300 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	1,1-bis(p-chlorophenyl)ethane	12.0	800	800 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200945-47	FD	o,p'-DDT	12.0	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA0502200945-47	FD	p,p'-DDT	12.0	100	100 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200949-51	FD	o,p'-DDD	10.0	330	330 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200949-51	FD	p,p'-DDD	100	5900 D	5900	ug/kg	
BNASIM/NONE	SE	OA0502200949-51	FD	o,p'-DDE	10.0	940	940 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200949-51	FD	p,p'-DDE	520	12000 D	12000 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0502200949-51	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	100	1700 D	1700 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200949-51	FD	1,1-bis(p-chlorophenyl)ethane	10.0	430	430 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200949-51	FD	o,p'-DDT	10.0	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA0502200949-51	FD	p,p'-DDT	10.0	170	170	ug/kg	
BNASIM/NONE	SE	OA0502200953-55	FD	o,p'-DDD	8.5	140	140 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200953-55	FD	p,p'-DDD	85.0	1800 D	1800	ug/kg	
BNASIM/NONE	SE	OA0502200953-55	FD	o,p'-DDE	8.5	570	570	ug/kg	
BNASIM/NONE	SE	OA0502200953-55	FD	p,p'-DDE	85.0	4500 D	4500	ug/kg	
BNASIM/NONE	SE	OA0502200953-55	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.5	620	620 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200953-55	FD	1,1-bis(p-chlorophenyl)ethane	8.5	300	300	ug/kg	
BNASIM/NONE	SE	OA0502200953-55	FD	o,p'-DDT	8.5	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA0502200953-55	FD	p,p'-DDT	8.5	30.0	30.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	o,p'-DDD	7.5	22.0	22.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	p,p'-DDD	7.5	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	o,p'-DDE	7.5	83.0	83.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	p,p'-DDE	7.5	580	580 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	190	190 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200957-59	FD	1,1-bis(p-chlorophenyl)ethane	7.5	53.0	53.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200961-63	FD	o,p'-DDD	7.5	6.2 J	6.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0502200961-63	FD	p,p'-DDD	7.5	29.0	29.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200961-63	FD	o,p'-DDE	7.5	29.0	29.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200961-63	FD	p,p'-DDE	7.5	160	160 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0502200961-63	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	74.0	74.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200961-63	FD	1,1-bis(p-chlorophenyl)ethane	7.5	16.0	16.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200965-67	FD	p,p'-DDD	7.1	8.5	8.5 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200965-67	FD	o,p'-DDE	7.1	14.0	14.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200965-67	FD	p,p'-DDE	7.1	94.0	94.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200965-67	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	44.0	44.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200965-67	FD	1,1-bis(p-chlorophenyl)ethane	7.1	7.2	7.2 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200969-71	FD	p,p'-DDD	7.0	7.3	7.3	ug/kg	
BNASIM/NONE	SE	OA0502200969-71	FD	o,p'-DDE	7.0	5.7 J	5.7 J	ug/kg	TRD3
BNASIM/NONE	SE	OA0502200969-71	FD	p,p'-DDE	7.0	33.0	33.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200969-71	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	13.0	13.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0502200969-71	FD	1,1-bis(p-chlorophenyl)ethane	7.0	2.7 J	2.7 J	ug/kg	TR
BNASIM/NONE	SE	OA0502200973-75	FD	p,p'-DDE	7.1	4.0 J	4.0 J	ug/kg	TRD3
BNASIM/NONE	SE	OA0502200977	FD	p,p'-DDD	7.0	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA0502200977	FD	o,p'-DDE	7.0	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA0502200977	FD	p,p'-DDE	7.0	150	150 J	ug/kg	M
BNASIM/NONE	SE	OA0502200977	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA0502200977	FD	1,1-bis(p-chlorophenyl)ethane	7.0	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA0502200977	FD	p,p'-DDT	7.0	6.2 J	6.2 J	ug/kg	MTR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200901	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	6.5 J	6.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200901	FD	2,3',4,4',5-Pentachlorobiphenyl	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200901	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200901	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200901	FD	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200901	FD	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200901	FD	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.1	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.1	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,3',4,4',5-Pentachlorobiphenyl	9.1	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	PCB-138/158	9.1	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.1	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,2',5-TRICHLOROBIPHENYL	9.1	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200903	FD	2,4,4'-TRICHLOROBIPHENYL	9.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.1	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200905	FD	2,3',4,4',5-Pentachlorobiphenyl	9.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0502200905	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.1	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	PCB-138/158	9.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0502200905	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.1	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0502200905	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0502200905	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0502200905	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0502200905	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0502200905	FD	2,2',5-TRICHLOROBIPHENYL	9.1	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200905	FD	2,4,4'-TRICHLOROBIPHENYL	9.1	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,4'-DICHLOROBIPHENYL	9.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.2	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0502200907	FD	2,3',4,4',5-Pentachlorobiphenyl	9.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0502200907	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200907	FD	PCB-138/158	9.2	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0502200907	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.2	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0502200907	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.2	11.0	11.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200907	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.2	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0502200907	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.2	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0502200907	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.2	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0502200907	FD	2,2',5-TRICHLOROBIPHENYL	9.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0502200907	FD	2,4,4'-TRICHLOROBIPHENYL	9.2	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.7	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.7	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.7	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0502200909-11	FD	2,3',4,4',5-Pentachlorobiphenyl	9.7	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0502200909-11	FD	PCB-138/158	9.7	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0502200909-11	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.7	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0502200909-11	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.7	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.7	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.7	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0502200909-11	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0502200909-11	FD	2,2',5-TRICHLOROBIPHENYL	9.7	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200909-11	FD	2,4,4'-TRICHLOROBIPHENYL	9.7	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	6.5 J	6.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0502200913-15	FD	2,3',4,4',5-Pentachlorobiphenyl	10.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0502200913-15	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	PCB-138/158	10.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0502200913-15	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0502200913-15	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	9.7 J	9.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0502200913-15	FD	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0502200913-15	FD	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200913-15	FD	2,2',5-TRICHLOROBIPHENYL	10.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0502200913-15	FD	2,4,4'-TRICHLOROBIPHENYL	10.0	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0502200917-19	FD	2,3',4,4',5-Pentachlorobiphenyl	11.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0502200917-19	FD	PCB-138/158	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0502200917-19	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	13.0	13.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200917-19	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0502200917-19	FD	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0502200917-19	FD	2,2',5-TRICHLOROBIPHENYL	11.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200917-19	FD	2,4,4'-TRICHLOROBIPHENYL	11.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	9.9 J	9.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	37.0	37.0	ug/kg	
PCBSIM/NONE	SE	OA0502200921-23	FD	2,3',4,4',5-Pentachlorobiphenyl	11.0	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	OA0502200921-23	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	PCB-138/158	11.0	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	OA0502200921-23	FD	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	11.0 J	11.0	ug/kg	
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	49.0	49.0	ug/kg	
PCBSIM/NONE	SE	OA0502200921-23	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0502200921-23	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	53.0	53.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200921-23	FD	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA0502200921-23	FD	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200921-23	FD	2,2',5-TRICHLOROBIPHENYL	11.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0502200921-23	FD	2,4,4'-TRICHLOROBIPHENYL	11.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0502200925-27	FD	2,4'-DICHLOROBIPHENYL	12.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	48.0	48.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	2,3',4,4',5-Pentachlorobiphenyl	12.0	57.0	57.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	12.0 J	12.0	ug/kg	
PCBSIM/NONE	SE	OA0502200925-27	FD	PCB-138/158	12.0	51.0	51.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200925-27	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	12.0 J	12.0	ug/kg	
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	71.0	71.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0502200925-27	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	63.0	63.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	78.0	78.0	ug/kg	
PCBSIM/NONE	SE	OA0502200925-27	FD	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	58.0	58.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200925-27	FD	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	8.3 J	8.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200925-27	FD	2,2',5-TRICHLOROBIPHENYL	12.0	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA0502200925-27	FD	2,4,4'-TRICHLOROBIPHENYL	12.0	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0502200929-31	FD	2,4'-DICHLOROBIPHENYL	13.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	13.0	10.0 J	10.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	13.0	19.0	19.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	13.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	47.0	47.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,3',4,4',5-Pentachlorobiphenyl	13.0	67.0	67.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	13.0	5.9 J	5.9 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA0502200929-31	FD	PCB-138/158	13.0	54.0	54.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200929-31	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	13.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	87.0	87.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	38.0	38.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	13.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	91.0	91.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	100	100 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	82.0	82.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	3,3',4,4'-TETRACHLOROBIPHENYL	13.0	10.0 J	10.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,2',5-TRICHLOROBIPHENYL	13.0	47.0	47.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200929-31	FD	2,4,4'-TRICHLOROBIPHENYL	13.0	38.0	38.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200933-35	FD	2,4'-DICHLOROBIPHENYL	14.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	14.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	14.0	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	14.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	14.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	14.0	87.0	87.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,3,4,4',5-Pentachlorobiphenyl	14.0	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200933-35	FD	2,3',4,4',5-Pentachlorobiphenyl	14.0	130	130 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	14.0	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA0502200933-35	FD	PCB-138/158	14.0	95.0	95.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,3,3',4,4',5-Hexachlorobiphenyl	14.0	14.0 J	14.0	ug/kg	
PCBSIM/NONE	SE	OA0502200933-35	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	14.0	14.0 J	14.0	ug/kg	
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	14.0	160	160 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	14.0	73.0	73.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	14.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',3,5'-TETRACHLOROBIPHENYL	14.0	160	160 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',5,5'-TETRACHLOROBIPHENYL	14.0	180	180 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,3',4,4'-TETRACHLOROBIPHENYL	14.0	140	140 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	3,3',4,4'-TETRACHLOROBIPHENYL	14.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0502200933-35	FD	2,2',5-TRICHLOROBIPHENYL	14.0	82.0	82.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200933-35	FD	2,4,4'-TRICHLOROBIPHENYL	14.0	76.0	76.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,4'-DICHLOROBIPHENYL	12.0	6.5 J	6.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	12.0 J	12.0	ug/kg	
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	58.0	58.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,3',4,4',5-Pentachlorobiphenyl	12.0	68.0	68.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0502200937-39	FD	PCB-138/158	12.0	65.0	65.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	9.9 J	9.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200937-39	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	86.0	86.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	38.0	38.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	71.0	71.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	88.0	88.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	59.0	59.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200937-39	FD	2,2',5-TRICHLOROBIPHENYL	12.0	39.0	39.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200937-39	FD	2,4,4'-TRICHLOROBIPHENYL	12.0	32.0	32.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	13.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	13.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	13.0	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	41.0	41.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,3',4,4',5-Pentachlorobiphenyl	13.0	42.0	42.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	13.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	PCB-138/158	13.0	43.0	43.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	13.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	53.0	53.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0502200941-43	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	13.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	41.0	41.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	47.0	47.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	37.0	37.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0502200941-43	FD	3,3',4,4'-TETRACHLOROBIPHENYL	13.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200941-43	FD	2,2',5-TRICHLOROBIPHENYL	13.0	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0502200941-43	FD	2,4,4'-TRICHLOROBIPHENYL	13.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200945-47	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	64.0	64.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,3',4,4',5-Pentachlorobiphenyl	12.0	56.0	56.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200945-47	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200945-47	FD	PCB-138/158	12.0	63.0	63.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200945-47	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	12.0 J	12.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	71.0	71.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	58.0	58.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200945-47	FD	2,2',5-TRICHLOROBIPHENYL	12.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0502200945-47	FD	2,4,4'-TRICHLOROBIPHENYL	12.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0502200949-51	FD	2,3',4,4',5-Pentachlorobiphenyl	10.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0502200949-51	FD	PCB-138/158	10.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0502200949-51	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	8.0 J	8.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0502200949-51	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0502200949-51	FD	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0502200949-51	FD	2,2',5-TRICHLOROBIPHENYL	10.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200949-51	FD	2,4,4'-TRICHLOROBIPHENYL	10.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	OA0502200953-55	FD	2,3',4,4',5-Pentachlorobiphenyl	8.5	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	PCB-138/158	8.5	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	OA0502200953-55	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA0502200953-55	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0502200953-55	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	5.6 J	5.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA0502200901	FD	Moisture	0.10	50.5	50.5	PERCENT	
D2216/NONE	SE	OA0502200903	FD	Moisture	0.10	44.9	44.9	PERCENT	
D2216/NONE	SE	OA0502200905	FD	Moisture	0.10	45.1	45.1	PERCENT	
D2216/NONE	SE	OA0502200907	FD	Moisture	0.10	45.6	45.6	PERCENT	
D2216/NONE	SE	OA0502200909-11	FD	Moisture	0.10	48.5	48.5	PERCENT	
D2216/NONE	SE	OA0502200913-15	FD	Moisture	0.10	51.9	51.9	PERCENT	
D2216/NONE	SE	OA0502200917-19	FD	Moisture	0.10	53.5	53.5	PERCENT	
D2216/NONE	SE	OA0502200921-23	FD	Moisture	0.10	53.1	53.1	PERCENT	
D2216/NONE	SE	OA0502200925-27	FD	Moisture	0.10	59.9	59.9	PERCENT	
D2216/NONE	SE	OA0502200929-31	FD	Moisture	0.10	60.1	60.1	PERCENT	
D2216/NONE	SE	OA0502200933-35	FD	Moisture	0.10	64.5	64.5	PERCENT	
D2216/NONE	SE	OA0502200937-39	FD	Moisture	0.10	59.3	59.3	PERCENT	
D2216/NONE	SE	OA0502200941-43	FD	Moisture	0.10	60.7	60.7	PERCENT	
D2216/NONE	SE	OA0502200945-47	FD	Moisture	0.10	58.8	58.8	PERCENT	
D2216/NONE	SE	OA0502200949-51	FD	Moisture	0.10	52.0	52.0	PERCENT	
D2216/NONE	SE	OA0502200953-55	FD	Moisture	0.10	41.5	41.5	PERCENT	
D2216/NONE	SE	OA0502200957-59	FD	Moisture	0.10	33.2	33.2	PERCENT	
D2216/NONE	SE	OA0502200961-63	FD	Moisture	0.10	33.2	33.2	PERCENT	
D2216/NONE	SE	OA0502200965-67	FD	Moisture	0.10	29.2	29.2	PERCENT	
D2216/NONE	SE	OA0502200969-71	FD	Moisture	0.10	28.6	28.6	PERCENT	
D2216/NONE	SE	OA0502200973-75	FD	Moisture	0.10	29.3	29.3	PERCENT	
D2216/NONE	SE	OA0502200977	FD	Moisture	0.10	28.4	28.4	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA0502200901	FD	Total Organic Carbon	0.10	1.9	1.9 J	PERCENT	D3
SW9060/NONE	SE	OA0502200903	FD	Total Organic Carbon	0.091	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA0502200905	FD	Total Organic Carbon	0.091	2.0	2.0 J	PERCENT	D3
SW9060/NONE	SE	OA0502200907	FD	Total Organic Carbon	0.092	1.9	1.9 J	PERCENT	D3
SW9060/NONE	SE	OA0502200909-11	FD	Total Organic Carbon	0.097	2.6	2.6 J	PERCENT	D3
SW9060/NONE	SE	OA0502200913-15	FD	Total Organic Carbon	0.10	3.2	3.2 J	PERCENT	D3
SW9060/NONE	SE	OA0502200917-19	FD	Total Organic Carbon	0.11	3.8	3.8 J	PERCENT	D3
SW9060/NONE	SE	OA0502200921-23	FD	Total Organic Carbon	0.11	3.6	3.6 J	PERCENT	D3
SW9060/NONE	SE	OA0502200925-27	FD	Total Organic Carbon	0.12	5.2	5.2	PERCENT	
SW9060/NONE	SE	OA0502200929-31	FD	Total Organic Carbon	0.13	5.5	5.5	PERCENT	
SW9060/NONE	SE	OA0502200933-35	FD	Total Organic Carbon	0.14	6.3	6.3	PERCENT	
SW9060/NONE	SE	OA0502200937-39	FD	Total Organic Carbon	0.12	5.6	5.6 J	PERCENT	D3
SW9060/NONE	SE	OA0502200941-43	FD	Total Organic Carbon	0.13	5.6	5.6	PERCENT	
SW9060/NONE	SE	OA0502200945-47	FD	Total Organic Carbon	0.12	5.1	5.1 J	PERCENT	D3
SW9060/NONE	SE	OA0502200949-51	FD	Total Organic Carbon	0.10	3.3	3.3 J	PERCENT	D3
SW9060/NONE	SE	OA0502200953-55	FD	Total Organic Carbon	0.085	1.8	1.8 J	PERCENT	D3
SW9060/NONE	SE	OA0502200957-59	FD	Total Organic Carbon	0.075	1.3	1.3 J	PERCENT	D3
SW9060/NONE	SE	OA0502200961-63	FD	Total Organic Carbon	0.075	1.1	1.1 J	PERCENT	D3
SW9060/NONE	SE	OA0502200965-67	FD	Total Organic Carbon	0.071	0.92	0.92 J	PERCENT	D3
SW9060/NONE	SE	OA0502200969-71	FD	Total Organic Carbon	0.070	0.71	0.71 J	PERCENT	D3
SW9060/NONE	SE	OA0502200973-75	FD	Total Organic Carbon	0.071	0.99	0.99 J	PERCENT	D3
SW9060/NONE	SE	OA0502200977	FD	Total Organic Carbon	0.070	0.57	0.57	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111478

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **PCB Congeners by PCB-SIM**
   A matrix spike (MS) was not provided on the EDD for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111478

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111478, Certified - 2/5/2010 M by DanielleGonsman

QC Level:

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 16-Feb-2010

Samples Included in SDG 09111478

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	21	0
D2216/NONE	21	0
PCBSIM/NONE	21	0
SW9060/NONE	21	0

AUTOMATED DATA REVIEW SUMMARY for 09111478

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111478. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111478

Negative Blank

Calibration Blank

Equip Blank

Calibration Blank - Negative

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Confirmation Column Difference

Field Blank

AUTOMATED DATA REVIEW SUMMARY for 09111478

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.78% (8 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

AUTOMATED DATA REVIEW SUMMARY for 09111478

Evin McKinney

16-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111478

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120L19	091120L19	NA	LABQC	SQ	LABQC	099130137		11/20/2009 12:00	11/28/2009 10:51	LB
	091120L19	NA	LABQC	SQ	LABQC	099130137		11/20/2009 12:00	11/28/2009 11:15	BS
	091120L19	NA	LABQC	SQ	LABQC	099130137		11/20/2009 12:00	11/28/2009 11:38	BD
091120S19	091120L19	NA	OA06	SE	OA0601200953-55	0911147850		11/17/2009 12:00	11/28/2009 12:02	MS
	091120L19	NA	OA06	SE	OA0601200953-55	0911147850		11/17/2009 12:00	11/28/2009 12:25	SD
	091120L19	NA	OA06	SE	OA0601200953-55	0911147850		11/17/2009 12:00	11/28/2009 12:49	N
	091120L19	NA	OA06	SE	OA0601200953-55	0911147850		11/17/2009 12:00	11/28/2009 12:49	N
	091120L19	NA	OA06	SE	OA0601200901	091114781		11/17/2009 12:00	11/28/2009 7:52	N
	091120L19	NA	OA06	SE	OA0601200901	091114781		11/17/2009 12:00	11/28/2009 7:52	N
	091120L19	NA	OA06	SE	OA0601200903	091114782		11/17/2009 12:00	11/28/2009 8:15	N
	091120L19	NA	OA06	SE	OA0601200903	091114782		11/17/2009 12:00	11/28/2009 8:15	N
	091120L19	NA	OA06	SE	OA0601200905	091114783		11/17/2009 12:00	11/28/2009 8:39	N
	091120L19	NA	OA06	SE	OA0601200905	091114783		11/17/2009 12:00	11/28/2009 8:39	N
	091120L19	NA	OA06	SE	OA0601200907	091114784		11/17/2009 12:00	11/28/2009 9:02	N
	091120L19	NA	OA06	SE	OA0601200907	091114784		11/17/2009 12:00	11/28/2009 9:02	N
091121L04	091121L04	NA	LABQC	SQ	LABQC	099130138		11/21/2009 12:00	11/30/2009 11:18	LB
	091121L04	NA	LABQC	SQ	LABQC	099130138		11/21/2009 12:00	11/30/2009 11:42	BS
	091121L04	NA	LABQC	SQ	LABQC	099130138		11/21/2009 12:00	11/30/2009 12:05	BD
091120S19	091120L19	NA	OA06	SE	OA0601200903	091114782		11/17/2009 12:00	11/30/2009 1:40	N
	091120L19	NA	OA06	SE	OA0601200907	091114784		11/17/2009 12:00	11/30/2009 2:03	N
	091120L19	NA	OA06	SE	OA0601200953-55	0911147850		11/17/2009 12:00	11/30/2009 2:27	N
	091120L19	NA	OA06	SE	OA0601200909-11	0911147839		11/17/2009 12:00	11/30/2009 2:50	N
	091120L19	NA	OA06	SE	OA0601200909-11	0911147839		11/17/2009 12:00	11/30/2009 2:50	N
	091120L19	NA	OA06	SE	OA0601200913-15	0911147840		11/17/2009 12:00	11/30/2009 3:14	N
	091120L19	NA	OA06	SE	OA0601200913-15	0911147840		11/17/2009 12:00	11/30/2009 3:14	N
	091120L19	NA	OA06	SE	OA0601200917-19	0911147841		11/17/2009 12:00	11/30/2009 3:37	N
	091120L19	NA	OA06	SE	OA0601200917-19	0911147841		11/17/2009 12:00	11/30/2009 3:37	N

AUTOMATED DATA REVIEW SUMMARY for 09111478

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120S19	091120L19	NA	OA06	SE	OA0601200921-23	0911147842		11/17/2009 12:00	11/30/2009 4:01	N
	091120L19	NA	OA06	SE	OA0601200921-23	0911147842		11/17/2009 12:00	11/30/2009 4:01	N
	091120L19	NA	OA06	SE	OA0601200925-27	0911147843		11/17/2009 12:00	11/30/2009 4:24	N
	091120L19	NA	OA06	SE	OA0601200925-27	0911147843		11/17/2009 12:00	11/30/2009 4:24	N
	091120L19	NA	OA06	SE	OA0601200929-31	0911147844		11/17/2009 12:00	11/30/2009 4:48	N
	091120L19	NA	OA06	SE	OA0601200929-31	0911147844		11/17/2009 12:00	11/30/2009 4:48	N
	091120L19	NA	OA06	SE	OA0601200941-43	0911147847		11/17/2009 12:00	11/30/2009 7:37	N
	091120L19	NA	OA06	SE	OA0601200941-43	0911147847		11/17/2009 12:00	11/30/2009 7:37	N
	091120L19	NA	OA06	SE	OA0601200945-47	0911147848		11/17/2009 12:00	11/30/2009 8:01	N
	091120L19	NA	OA06	SE	OA0601200945-47	0911147848		11/17/2009 12:00	11/30/2009 8:01	N
	091120L19	NA	OA06	SE	OA0601200949-51	0911147849		11/17/2009 12:00	11/30/2009 8:24	N
	091120L19	NA	OA06	SE	OA0601200949-51	0911147849		11/17/2009 12:00	11/30/2009 8:24	N
	091120L19	NA	OA06	SE	OA0601200957-59	0911147851		11/17/2009 12:00	11/30/2009 8:48	N
	091120L19	NA	OA06	SE	OA0601200957-59	0911147851		11/17/2009 12:00	11/30/2009 8:48	N
	091120L19	NA	OA06	SE	OA0601200961-63	0911147852		11/17/2009 12:00	11/30/2009 9:11	N
	091120L19	NA	OA06	SE	OA0601200961-63	0911147852		11/17/2009 12:00	11/30/2009 9:11	N
091121S04	091121L04	NA	OA06	SE	OA0601200965-67	0911147853		11/17/2009 12:00	11/30/2009 9:35	N
	091121L04	NA	OA06	SE	OA0601200965-67	0911147853		11/17/2009 12:00	11/30/2009 9:35	N
	091121L04	NA	OA06	SE	OA0601200969-71	0911147854		11/17/2009 12:00	11/30/2009 9:58	N
	091121L04	NA	OA06	SE	OA0601200969-71	0911147854		11/17/2009 12:00	11/30/2009 9:58	N
	091121L04	NA	OA06	SE	OA0601200973-75	0911147855		11/17/2009 12:00	11/30/2009 10:22	N
	091121L04	NA	OA06	SE	OA0601200973-75	0911147855		11/17/2009 12:00	11/30/2009 10:22	N
091120S19	091120L19	NA	OA06	SE	OA0601200933-35	0911147845		11/17/2009 12:00	12/01/2009 3:51	N
	091120L19	NA	OA06	SE	OA0601200933-35	0911147845		11/17/2009 12:00	12/01/2009 3:51	N
	091120L19	NA	OA06	SE	OA0601200937-39	0911147846		11/17/2009 12:00	12/01/2009 4:15	N
	091120L19	NA	OA06	SE	OA0601200937-39	0911147846		11/17/2009 12:00	12/01/2009 4:15	N
	091120L19	NA	OA06	SE	OA0601200909-11	0911147839		11/17/2009 12:00	12/01/2009 11:43	N
	091120L19	NA	OA06	SE	OA0601200913-15	0911147840		11/17/2009 12:00	12/01/2009 12:07	N

AUTOMATED DATA REVIEW SUMMARY for 09111478

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091120S19	091120L19	NA	OA06	SE	OA0601200917-19	0911147841		11/17/2009 12:00	12/01/2009 12:30	N
	091120L19	NA	OA06	SE	OA0601200921-23	0911147842		11/17/2009 12:00	12/01/2009 12:54	N
	091120L19	NA	OA06	SE	OA0601200925-27	0911147843		11/17/2009 12:00	12/01/2009 1:18	N
	091120L19	NA	OA06	SE	OA0601200929-31	0911147844		11/17/2009 12:00	12/01/2009 1:41	N
	091120L19	NA	OA06	SE	OA0601200941-43	0911147847		11/17/2009 12:00	12/01/2009 2:04	N
	091120L19	NA	OA06	SE	OA0601200945-47	0911147848		11/17/2009 12:00	12/01/2009 2:28	N
	091120L19	NA	OA06	SE	OA0601200949-51	0911147849		11/17/2009 12:00	12/01/2009 2:51	N
	091120L19	NA	OA06	SE	OA0601200957-59	0911147851		11/17/2009 12:00	12/01/2009 3:15	N
	091120L19	NA	OA06	SE	OA0601200933-35	0911147845		11/17/2009 12:00	12/02/2009 2:18	N
	091120L19	NA	OA06	SE	OA0601200937-39	0911147846		11/17/2009 12:00	12/02/2009 2:41	N

AUTOMATED DATA REVIEW SUMMARY for 09111478

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOID7	NA	NA	OA06	SE	OA0601200945-47	0911147848		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200937-39	0911147846		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200941-43	0911147847		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200933-35	0911147845		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200929-31	0911147844		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200961-63	0911147852		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200969-71	0911147854		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200965-67	0911147853		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200949-51	0911147849		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200957-59	0911147851		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200953-55	0911147850		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200917-19	0911147841		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200925-27	0911147843		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200921-23	0911147842		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200909-11	0911147839		11/17/2009 12:00	11/21/2009 1:00	LR
	NA	NA	OA06	SE	OA0601200913-15	0911147840		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200909-11	0911147839		11/17/2009 12:00	11/21/2009 1:00	N
91121MOIB7	NA	NA	LABQC	SQ	LABQC	099050141584		11/21/2009 1:00	11/21/2009 1:00	LB
91121MOID7	NA	NA	OA06	SE	OA0601200901	091114781		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200903	091114782		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200907	091114784		11/17/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA06	SE	OA0601200905	091114783		11/17/2009 12:00	11/21/2009 1:00	N
91121MOIB8	NA	NA	LABQC	SQ	LABQC	099050141583		11/21/2009 4:00	11/21/2009 4:00	LB
91121MOID8	NA	NA	OA06	SE	OA0601200973-75	0911147855		11/17/2009 12:00	11/21/2009 4:00	N
	NA	NA	OA06	SE	OA0601200973-75	0911147855		11/17/2009 12:00	11/21/2009 4:00	LR

AUTOMATED DATA REVIEW SUMMARY for 09111478

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091212L07	091212L07	NA	LABQC	SQ	LABQC	0991301775		12/12/2009 12:00	12/26/2009 1:31	LB
	091212L07	NA	LABQC	SQ	LABQC	0991301775		12/12/2009 12:00	12/26/2009 2:01	BS
	091212L07	NA	LABQC	SQ	LABQC	0991301775		12/12/2009 12:00	12/26/2009 2:31	BD
091212L06	091212L06	NA	LABQC	SQ	LABQC	0991301778		12/12/2009 12:00	12/28/2009 10:38	LB
	091212L06	NA	LABQC	SQ	LABQC	0991301778		12/12/2009 12:00	12/28/2009 11:08	BS
	091212L06	NA	LABQC	SQ	LABQC	0991301778		12/12/2009 12:00	12/28/2009 11:36	BD
091212S06	091212L06	NA	OA06	SE	OA0601200901	091114781		11/17/2009 12:00	12/28/2009 12:34	N
	091212L06	NA	OA06	SE	OA0601200903	091114782		11/17/2009 12:00	12/28/2009 1:03	N
	091212L06	NA	OA06	SE	OA0601200905	091114783		11/17/2009 12:00	12/28/2009 1:33	N
091212S07	091212L07	NA	OA06	SE	OA0601200945-47	0911147848		11/17/2009 12:00	12/28/2009 1:34	N
091212S06	091212L06	NA	OA06	SE	OA0601200907	091114784		11/17/2009 12:00	12/28/2009 2:02	N
091212S07	091212L07	NA	OA06	SE	OA0601200949-51	0911147849		11/17/2009 12:00	12/28/2009 2:04	N
	091212L07	NA	OA06	SE	OA0601200953-55	0911147850		11/17/2009 12:00	12/28/2009 2:33	N
091212S06	091212L06	NA	OA06	SE	OA0601200909-11	0911147839		11/17/2009 12:00	12/28/2009 2:33	N
	091212L06	NA	OA06	SE	OA0601200913-15	0911147840		11/17/2009 12:00	12/28/2009 3:02	N
	091212L06	NA	OA06	SE	OA0601200917-19	0911147841		11/17/2009 12:00	12/28/2009 3:31	N
091212S07	091212L07	NA	OA06	SE	OA0601200965-67	0911147853		11/17/2009 12:00	12/28/2009 6:00	N
	091212L07	NA	OA06	SE	OA0601200969-71	0911147854		11/17/2009 12:00	12/28/2009 6:30	N
	091212L07	NA	OA06	SE	OA0601200973-75	0911147855		11/17/2009 12:00	12/28/2009 7:00	N
091212S06	091212L06	NA	OA06	SE	OA0601200921-23	0911147842		11/17/2009 12:00	12/28/2009 7:19	N
	091212L06	NA	OA06	SE	OA0601200925-27	0911147843		11/17/2009 12:00	12/28/2009 7:48	N
	091212L06	NA	OA06	SE	OA0601200929-31	0911147844		11/17/2009 12:00	12/28/2009 8:18	N
	091212L06	NA	OA06	SE	OA0601200933-35	0911147845		11/17/2009 12:00	12/28/2009 8:47	N
	091212L06	NA	OA06	SE	OA0601200937-39	0911147846		11/17/2009 12:00	12/28/2009 9:16	N
	091212L06	NA	OA06	SE	OA0601200941-43	0911147847		11/17/2009 12:00	12/28/2009 9:46	N
091212S07	091212L07	NA	OA06	SE	OA0601200961-63	0911147852		11/17/2009 12:00	12/29/2009 8:43	N
	091212L07	NA	OA06	SE	OA0601200957-59	0911147851		11/17/2009 12:00	12/31/2009 3:01	N

AUTOMATED DATA REVIEW SUMMARY for 09111478

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123TOCL1	NA	NA	OA06	SE	OA0601200961-63	0911147852		11/17/2009 12:00	11/23/2009 5:26	MS
	NA	NA	OA06	SE	OA0601200961-63	0911147852		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200949-51	0911147849		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200953-55	0911147850		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200957-59	0911147851		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200945-47	0911147848		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200941-43	0911147847		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200937-39	0911147846		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200933-35	0911147845		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200929-31	0911147844		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200917-19	0911147841		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200921-23	0911147842		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200925-27	0911147843		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200913-15	0911147840		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200909-11	0911147839		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200903	091114782		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200905	091114783		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200907	091114784		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	OA06	SE	OA0601200901	091114781		11/17/2009 12:00	11/23/2009 5:26	N
	NA	NA	LABQC	SQ	LABQC	09906013414		11/23/2009 5:26	11/23/2009 5:26	LB
	NA	NA	OA06	SE	OA0601200961-63	0911147852		11/17/2009 12:00	11/23/2009 5:26	SD
91124TOCS1	NA	NA	OA06	SE	OA0601200973-75	0911147855		11/17/2009 12:00	11/24/2009 5:43	N
91124TOCL1	NA	NA	LABQC	SQ	LABQC	09906013415		11/24/2009 5:43	11/24/2009 5:43	BS
	NA	NA	LABQC	SQ	LABQC	09906013415		11/24/2009 5:43	11/24/2009 5:43	LB
91124TOCS1	NA	NA	OA06	SE	OA0601200965-67	0911147853		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA06	SE	OA0601200969-71	0911147854		11/17/2009 12:00	11/24/2009 5:43	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA0601200953-55 / MS	1	1,1-bis(p-chlorophenyl) ethane	153	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / SD	1	1,1-bis(p-chlorophenyl) ethane	142	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / MS	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	233	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	195	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / MS	1	o,p'-DDD	127	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / SD	1	o,p'-DDD	136	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / MS	1	o,p'-DDE	143	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / SD	1	o,p'-DDE	137	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / MS	1	p,p'-DDD	142	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / SD	1	p,p'-DDD	310	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / MS	1	p,p'-DDE	248	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / SD	1	p,p'-DDE	241	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0601200953-55 / MS	1	p,p'-DDT	157	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA0601200953-55 / SD	1	o,p'-DDT	46.8	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0601200953-55 / SD	1	p,p'-DDD	74.3	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0601200953-55 / SD	1	p,p'-DDT	70.7	RPD	J/UJ	< 30	< 60	D2	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	2,3',4,4',5-Pentachlorobiphenyl	8.6	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	PCB-138/158	8.6	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.6	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.6	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.6	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	2,2',5-TRICHLOROBIPHENYL	8.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	2,4,4'-TRICHLOROBIPHENYL	8.6	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	PCB-138/158	8.4	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,2',5-TRICHLOROBIPHENYL	8.4	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,4,4'-TRICHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	2,2',5-TRICHLOROBIPHENYL	8.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	2,4,4'-TRICHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200907	N	2,2',5-TRICHLOROBIPHENYL	8.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200907	N	2,4,4'-TRICHLOROBIPHENYL	8.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	8.6	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	PCB-138/158	8.6	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.6	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.6	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,2',5-TRICHLOROBIPHENYL	8.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.6	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	3.6 J	3.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.8	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.8	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',5-TRICHLOROBIPHENYL	8.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200917-19	N	2,4,4'-TRICHLOROBIPHENYL	8.8	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.1	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.1	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	4.0 J	4.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',5-TRICHLOROBIPHENYL	9.0	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,4,4'-TRICHLOROBIPHENYL	9.0	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,4'-DICHLOROBIPHENYL	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2,4'-DICHLOROBIPHENYL	11.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	9.5 J	9.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	9.8 J	9.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	9.7 J	9.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200945-47	N	2,4'-DICHLOROBIPHENYL	10.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200945-47	N	2,3,4,4',5-Pentachlorobiphenyl	10.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200949-51	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200949-51	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	3.3 J	3.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200953-55	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',5-TRICHLOROBIPHENYL	7.5	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,4,4'-TRICHLOROBIPHENYL	7.5	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200957-59	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200957-59	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200957-59	N	2,2',5-TRICHLOROBIPHENYL	7.4	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200957-59	N	2,4,4'-TRICHLOROBIPHENYL	7.4	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	PCB-138/158	7.4	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,2',5-TRICHLOROBIPHENYL	7.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,4,4'-TRICHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200965-67	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200965-67	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200965-67	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200965-67	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200965-67	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200965-67	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,3',4,4',5-Pentachlorobiphenyl	7.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	2.6 J	2.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0601200903	N	p,p'-DDT	8.4	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200913-15	N	o,p'-DDT	8.6	6.6 J	6.6 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200921-23	N	p,p'-DDT	8.9	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200925-27	N	o,p'-DDT	9.1	7.2 J	7.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200949-51	N	o,p'-DDT	8.5	7.7 J	7.7 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200953-55	N	o,p'-DDD	7.5	22.0	22.0 J	ug/kg	M
BNASIM/NONE	SE	OA0601200953-55	N	p,p'-DDD	7.5	110	110 J	ug/kg	MD2
BNASIM/NONE	SE	OA0601200953-55	N	o,p'-DDE	7.5	140	140 J	ug/kg	M
BNASIM/NONE	SE	OA0601200953-55	N	p,p'-DDE	38.0	1100 D	1100 J	ug/kg	M
BNASIM/NONE	SE	OA0601200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	330	330 J	ug/kg	M
BNASIM/NONE	SE	OA0601200953-55	N	1,1-bis(p-chlorophenyl)ethane	7.5	68.0	68.0 J	ug/kg	M
BNASIM/NONE	SE	OA0601200953-55	N	o,p'-DDT	7.5	6.0 J	6.0 J	ug/kg	D2TR
BNASIM/NONE	SE	OA0601200953-55	N	p,p'-DDT	7.5	13.0	13.0 J	ug/kg	MD2
BNASIM/NONE	SE	OA0601200961-63	N	o,p'-DDT	7.4	4.4 J	4.4 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200965-67	N	o,p'-DDD	7.2	6.3 J	6.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200969-71	N	p,p'-DDE	6.8	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200969-71	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	2.2 J	2.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200973-75	N	o,p'-DDD	7.0	6.0 J	6.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0601200901	N	o,p'-DDD	8.6	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA0601200901	N	p,p'-DDD	8.6	330	330	ug/kg	
BNASIM/NONE	SE	OA0601200901	N	o,p'-DDE	8.6	130	130	ug/kg	
BNASIM/NONE	SE	OA0601200901	N	p,p'-DDE	8.6	770	770	ug/kg	
BNASIM/NONE	SE	OA0601200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.6	220	220	ug/kg	
BNASIM/NONE	SE	OA0601200901	N	1,1-bis(p-chlorophenyl)ethane	8.6	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA0601200901	N	p,p'-DDT	8.6	42.0	42.0	ug/kg	
BNASIM/NONE	SE	OA0601200903	N	o,p'-DDD	8.4	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA0601200903	N	p,p'-DDD	8.4	100	100	ug/kg	
BNASIM/NONE	SE	OA0601200903	N	o,p'-DDE	8.4	150	150	ug/kg	
BNASIM/NONE	SE	OA0601200903	N	p,p'-DDE	42.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA0601200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	260	260	ug/kg	
BNASIM/NONE	SE	OA0601200903	N	1,1-bis(p-chlorophenyl)ethane	8.4	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA0601200903	N	p,p'-DDT	8.4	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200905	N	o,p'-DDD	8.4	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA0601200905	N	p,p'-DDD	8.4	500	500	ug/kg	
BNASIM/NONE	SE	OA0601200905	N	o,p'-DDE	8.4	79.0	79.0	ug/kg	
BNASIM/NONE	SE	OA0601200905	N	p,p'-DDE	8.4	470	470	ug/kg	
BNASIM/NONE	SE	OA0601200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	110	110	ug/kg	
BNASIM/NONE	SE	OA0601200905	N	1,1-bis(p-chlorophenyl)ethane	8.4	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA0601200905	N	p,p'-DDT	8.4	88.0	88.0	ug/kg	
BNASIM/NONE	SE	OA0601200907	N	o,p'-DDD	8.3	31.0	31.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0601200907	N	p,p'-DDD	8.3	170	170	ug/kg	
BNASIM/NONE	SE	OA0601200907	N	o,p'-DDE	8.3	210	210	ug/kg	
BNASIM/NONE	SE	OA0601200907	N	p,p'-DDE	41.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA0601200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	350	350	ug/kg	
BNASIM/NONE	SE	OA0601200907	N	1,1-bis(p-chlorophenyl)ethane	8.3	43.0	43.0	ug/kg	
BNASIM/NONE	SE	OA0601200907	N	p,p'-DDT	8.3	9.2	9.2	ug/kg	
BNASIM/NONE	SE	OA0601200909-11	N	o,p'-DDD	8.3	45.0	45.0	ug/kg	
BNASIM/NONE	SE	OA0601200909-11	N	p,p'-DDD	8.3	250	250	ug/kg	
BNASIM/NONE	SE	OA0601200909-11	N	o,p'-DDE	8.3	240	240	ug/kg	
BNASIM/NONE	SE	OA0601200909-11	N	p,p'-DDE	42.0	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA0601200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	380	380	ug/kg	
BNASIM/NONE	SE	OA0601200909-11	N	1,1-bis(p-chlorophenyl)ethane	8.3	62.0	62.0	ug/kg	
BNASIM/NONE	SE	OA0601200909-11	N	p,p'-DDT	8.3	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA0601200913-15	N	o,p'-DDD	8.6	34.0	34.0	ug/kg	
BNASIM/NONE	SE	OA0601200913-15	N	p,p'-DDD	8.6	300	300	ug/kg	
BNASIM/NONE	SE	OA0601200913-15	N	o,p'-DDE	8.6	220	220	ug/kg	
BNASIM/NONE	SE	OA0601200913-15	N	p,p'-DDE	43.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA0601200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.6	390	390	ug/kg	
BNASIM/NONE	SE	OA0601200913-15	N	1,1-bis(p-chlorophenyl)ethane	8.6	65.0	65.0	ug/kg	
BNASIM/NONE	SE	OA0601200913-15	N	o,p'-DDT	8.6	6.6 J	6.6 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200913-15	N	p,p'-DDT	8.6	32.0	32.0	ug/kg	
BNASIM/NONE	SE	OA0601200917-19	N	o,p'-DDD	8.8	25.0	25.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0601200917-19	N	p,p'-DDD	8.8	150	150	ug/kg	
BNASIM/NONE	SE	OA0601200917-19	N	o,p'-DDE	8.8	170	170	ug/kg	
BNASIM/NONE	SE	OA0601200917-19	N	p,p'-DDE	44.0	960 D	960	ug/kg	
BNASIM/NONE	SE	OA0601200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.8	350	350	ug/kg	
BNASIM/NONE	SE	OA0601200917-19	N	1,1-bis(p-chlorophenyl)ethane	8.8	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA0601200917-19	N	p,p'-DDT	8.8	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA0601200921-23	N	o,p'-DDD	8.9	44.0	44.0	ug/kg	
BNASIM/NONE	SE	OA0601200921-23	N	p,p'-DDD	8.9	190	190	ug/kg	
BNASIM/NONE	SE	OA0601200921-23	N	o,p'-DDE	8.9	330	330	ug/kg	
BNASIM/NONE	SE	OA0601200921-23	N	p,p'-DDE	44.0	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA0601200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	750	750	ug/kg	
BNASIM/NONE	SE	OA0601200921-23	N	1,1-bis(p-chlorophenyl)ethane	8.9	100	100	ug/kg	
BNASIM/NONE	SE	OA0601200921-23	N	o,p'-DDT	8.9	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA0601200921-23	N	p,p'-DDT	8.9	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200925-27	N	o,p'-DDD	9.1	37.0	37.0	ug/kg	
BNASIM/NONE	SE	OA0601200925-27	N	p,p'-DDD	46.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA0601200925-27	N	o,p'-DDE	9.1	280	280	ug/kg	
BNASIM/NONE	SE	OA0601200925-27	N	p,p'-DDE	46.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA0601200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.1	650	650	ug/kg	
BNASIM/NONE	SE	OA0601200925-27	N	1,1-bis(p-chlorophenyl)ethane	9.1	100	100	ug/kg	
BNASIM/NONE	SE	OA0601200925-27	N	o,p'-DDT	9.1	7.2 J	7.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200925-27	N	p,p'-DDT	9.1	230	230	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0601200929-31	N	o,p'-DDD	9.0	89.0	89.0	ug/kg	
BNASIM/NONE	SE	OA0601200929-31	N	p,p'-DDD	9.0	440	440	ug/kg	
BNASIM/NONE	SE	OA0601200929-31	N	o,p'-DDE	9.0	660	660	ug/kg	
BNASIM/NONE	SE	OA0601200929-31	N	p,p'-DDE	90.0	3600 D	3600	ug/kg	
BNASIM/NONE	SE	OA0601200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	90.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA0601200929-31	N	1,1-bis(p-chlorophenyl)ethane	9.0	230	230	ug/kg	
BNASIM/NONE	SE	OA0601200929-31	N	o,p'-DDT	9.0	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA0601200929-31	N	p,p'-DDT	9.0	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA0601200933-35	N	o,p'-DDD	10.0	92.0	92.0	ug/kg	
BNASIM/NONE	SE	OA0601200933-35	N	p,p'-DDD	10.0	390	390	ug/kg	
BNASIM/NONE	SE	OA0601200933-35	N	o,p'-DDE	10.0	730	730	ug/kg	
BNASIM/NONE	SE	OA0601200933-35	N	p,p'-DDE	100	4700 D	4700	ug/kg	
BNASIM/NONE	SE	OA0601200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	100	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA0601200933-35	N	1,1-bis(p-chlorophenyl)ethane	10.0	220	220	ug/kg	
BNASIM/NONE	SE	OA0601200933-35	N	o,p'-DDT	10.0	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA0601200933-35	N	p,p'-DDT	10.0	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA0601200937-39	N	o,p'-DDD	11.0	210	210	ug/kg	
BNASIM/NONE	SE	OA0601200937-39	N	p,p'-DDD	210	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA0601200937-39	N	o,p'-DDE	210	1700 D	1700	ug/kg	
BNASIM/NONE	SE	OA0601200937-39	N	p,p'-DDE	210	7900 D	7900	ug/kg	
BNASIM/NONE	SE	OA0601200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	210	3600 D	3600	ug/kg	
BNASIM/NONE	SE	OA0601200937-39	N	1,1-bis(p-chlorophenyl)ethane	11.0	420	420	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0601200937-39	N	o,p'-DDT	11.0	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA0601200937-39	N	p,p'-DDT	11.0	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA0601200941-43	N	o,p'-DDD	11.0	230	230	ug/kg	
BNASIM/NONE	SE	OA0601200941-43	N	p,p'-DDD	11.0	1100	1100	ug/kg	
BNASIM/NONE	SE	OA0601200941-43	N	o,p'-DDE	540	2400 D	2400	ug/kg	
BNASIM/NONE	SE	OA0601200941-43	N	p,p'-DDE	540	12000 D	12000	ug/kg	
BNASIM/NONE	SE	OA0601200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	540	4400 D	4400	ug/kg	
BNASIM/NONE	SE	OA0601200941-43	N	1,1-bis(p-chlorophenyl)ethane	11.0	430	430	ug/kg	
BNASIM/NONE	SE	OA0601200941-43	N	o,p'-DDT	11.0	42.0	42.0	ug/kg	
BNASIM/NONE	SE	OA0601200941-43	N	p,p'-DDT	11.0	270	270	ug/kg	
BNASIM/NONE	SE	OA0601200945-47	N	o,p'-DDD	10.0	170	170	ug/kg	
BNASIM/NONE	SE	OA0601200945-47	N	p,p'-DDD	100	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA0601200945-47	N	o,p'-DDE	10.0	780	780	ug/kg	
BNASIM/NONE	SE	OA0601200945-47	N	p,p'-DDE	100	5900 D	5900	ug/kg	
BNASIM/NONE	SE	OA0601200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	10.0	840	840	ug/kg	
BNASIM/NONE	SE	OA0601200945-47	N	1,1-bis(p-chlorophenyl)ethane	10.0	260	260	ug/kg	
BNASIM/NONE	SE	OA0601200945-47	N	o,p'-DDT	10.0	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA0601200945-47	N	p,p'-DDT	10.0	150	150	ug/kg	
BNASIM/NONE	SE	OA0601200949-51	N	o,p'-DDD	8.5	62.0	62.0	ug/kg	
BNASIM/NONE	SE	OA0601200949-51	N	p,p'-DDD	8.5	470	470	ug/kg	
BNASIM/NONE	SE	OA0601200949-51	N	o,p'-DDE	8.5	320	320	ug/kg	
BNASIM/NONE	SE	OA0601200949-51	N	p,p'-DDE	85.0	2800 D	2800	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0601200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.5	640	640	ug/kg	
BNASIM/NONE	SE	OA0601200949-51	N	1,1-bis(p-chlorophenyl)ethane	8.5	210	210	ug/kg	
BNASIM/NONE	SE	OA0601200949-51	N	o,p'-DDT	8.5	7.7 J	7.7 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200949-51	N	p,p'-DDT	8.5	32.0	32.0	ug/kg	
BNASIM/NONE	SE	OA0601200953-55	N	o,p'-DDD	7.5	22.0	22.0 J	ug/kg	M
BNASIM/NONE	SE	OA0601200953-55	N	p,p'-DDD	7.5	110	110 J	ug/kg	MD2
BNASIM/NONE	SE	OA0601200953-55	N	o,p'-DDE	7.5	140	140 J	ug/kg	M
BNASIM/NONE	SE	OA0601200953-55	N	p,p'-DDE	38.0	1100 D	1100 J	ug/kg	M
BNASIM/NONE	SE	OA0601200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	330	330 J	ug/kg	M
BNASIM/NONE	SE	OA0601200953-55	N	1,1-bis(p-chlorophenyl)ethane	7.5	68.0	68.0 J	ug/kg	M
BNASIM/NONE	SE	OA0601200953-55	N	o,p'-DDT	7.5	6.0 J	6.0 J	ug/kg	D2TR
BNASIM/NONE	SE	OA0601200953-55	N	p,p'-DDT	7.5	13.0	13.0 J	ug/kg	MD2
BNASIM/NONE	SE	OA0601200957-59	N	o,p'-DDD	7.4	31.0	31.0	ug/kg	
BNASIM/NONE	SE	OA0601200957-59	N	p,p'-DDD	7.4	120	120	ug/kg	
BNASIM/NONE	SE	OA0601200957-59	N	o,p'-DDE	7.4	180	180	ug/kg	
BNASIM/NONE	SE	OA0601200957-59	N	p,p'-DDE	37.0	750 D	750	ug/kg	
BNASIM/NONE	SE	OA0601200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	37.0	810 D	810	ug/kg	
BNASIM/NONE	SE	OA0601200957-59	N	1,1-bis(p-chlorophenyl)ethane	7.4	94.0	94.0	ug/kg	
BNASIM/NONE	SE	OA0601200961-63	N	o,p'-DDD	7.4	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA0601200961-63	N	p,p'-DDD	7.4	97.0	97.0	ug/kg	
BNASIM/NONE	SE	OA0601200961-63	N	o,p'-DDE	7.4	120	120	ug/kg	
BNASIM/NONE	SE	OA0601200961-63	N	p,p'-DDE	7.4	550	550	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0601200961-63	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	440	440	ug/kg	
BNASIM/NONE	SE	OA0601200961-63	N	1,1-bis(p-chlorophenyl)ethane	7.4	61.0	61.0	ug/kg	
BNASIM/NONE	SE	OA0601200961-63	N	o,p'-DDT	7.4	4.4 J	4.4 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200965-67	N	o,p'-DDD	7.2	6.3 J	6.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200965-67	N	p,p'-DDD	7.2	38.0	38.0	ug/kg	
BNASIM/NONE	SE	OA0601200965-67	N	o,p'-DDE	7.2	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA0601200965-67	N	p,p'-DDE	7.2	170	170	ug/kg	
BNASIM/NONE	SE	OA0601200965-67	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	150	150	ug/kg	
BNASIM/NONE	SE	OA0601200965-67	N	1,1-bis(p-chlorophenyl)ethane	7.2	23.0	23.0	ug/kg	
BNASIM/NONE	SE	OA0601200969-71	N	p,p'-DDE	6.8	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200969-71	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	2.2 J	2.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200973-75	N	o,p'-DDD	7.0	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0601200973-75	N	p,p'-DDD	7.0	35.0	35.0	ug/kg	
BNASIM/NONE	SE	OA0601200973-75	N	o,p'-DDE	7.0	66.0	66.0	ug/kg	
BNASIM/NONE	SE	OA0601200973-75	N	p,p'-DDE	7.0	320	320	ug/kg	
BNASIM/NONE	SE	OA0601200973-75	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	160	160	ug/kg	
BNASIM/NONE	SE	OA0601200973-75	N	1,1-bis(p-chlorophenyl)ethane	7.0	53.0	53.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	2,3',4,4',5-Pentachlorobiphenyl	8.6	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	PCB-138/158	8.6	7.4 J	7.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.6	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	OA0601200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.6	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.6	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.6	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.6	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	OA0601200901	N	2,2',5-TRICHLOROBIPHENYL	8.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200901	N	2,4,4'-TRICHLOROBIPHENYL	8.6	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	OA0601200903	N	PCB-138/158	8.4	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	OA0601200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	OA0601200903	N	2,2',5-TRICHLOROBIPHENYL	8.4	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200903	N	2,4,4'-TRICHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	OA0601200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	PCB-138/158	8.4	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA0601200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0601200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA0601200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0601200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0601200905	N	2,2',5-TRICHLOROBIPHENYL	8.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200905	N	2,4,4'-TRICHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA0601200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200907	N	PCB-138/158	8.3	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA0601200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	OA0601200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200907	N	2,2',5-TRICHLOROBIPHENYL	8.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200907	N	2,4,4'-TRICHLOROBIPHENYL	8.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	4.7 J	4.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0601200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	8.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0601200909-11	N	PCB-138/158	8.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0601200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0601200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	8.6	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	PCB-138/158	8.6	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.6	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA0601200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.6	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.6	8.6 J	8.6	ug/kg	
PCBSIM/NONE	SE	OA0601200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.6	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200913-15	N	2,2',5-TRICHLOROBIPHENYL	8.6	4.0 J	4.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.6	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.8	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA0601200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	8.8	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0601200917-19	N	PCB-138/158	8.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.8	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0601200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.8	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.8	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0601200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0601200917-19	N	2,2',5-TRICHLOROBIPHENYL	8.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200917-19	N	2,4,4'-TRICHLOROBIPHENYL	8.8	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0601200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0601200921-23	N	PCB-138/158	8.9	19.0	19.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0601200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0601200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0601200921-23	N	2,2',5-TRICHLOROBIPHENYL	8.9	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA0601200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.1	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.1	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0601200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	9.1	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0601200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.1	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	PCB-138/158	9.1	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.1	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0601200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA0601200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	25.0	25.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0601200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200925-27	N	2,2',5-TRICHLOROBIPHENYL	9.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0601200925-27	N	2,4,4'-TRICHLOROBIPHENYL	9.1	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0601200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	9.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0601200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	PCB-138/158	9.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0601200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0601200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0601200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,2',5-TRICHLOROBIPHENYL	9.0	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200929-31	N	2,4,4'-TRICHLOROBIPHENYL	9.0	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,4'-DICHLOROBIPHENYL	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	9.2 J	9.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA0601200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	OA0601200933-35	N	PCB-138/158	10.0	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	OA0601200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	59.0	59.0	ug/kg	
PCBSIM/NONE	SE	OA0601200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	54.0	54.0	ug/kg	
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	62.0	62.0	ug/kg	
PCBSIM/NONE	SE	OA0601200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	57.0	57.0	ug/kg	
PCBSIM/NONE	SE	OA0601200933-35	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200933-35	N	2,2',5-TRICHLOROBIPHENYL	10.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA0601200933-35	N	2,4,4'-TRICHLOROBIPHENYL	10.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA0601200937-39	N	2,4'-DICHLOROBIPHENYL	11.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	9.5 J	9.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	OA0601200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	OA0601200937-39	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	PCB-138/158	11.0	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA0601200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	65.0	65.0	ug/kg	
PCBSIM/NONE	SE	OA0601200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0601200937-39	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	71.0	71.0	ug/kg	
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	76.0	76.0	ug/kg	
PCBSIM/NONE	SE	OA0601200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	64.0	64.0	ug/kg	
PCBSIM/NONE	SE	OA0601200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200937-39	N	2,2',5-TRICHLOROBIPHENYL	11.0	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA0601200937-39	N	2,4,4'-TRICHLOROBIPHENYL	11.0	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA0601200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0601200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	9.8 J	9.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	OA0601200941-43	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	59.0	59.0	ug/kg	
PCBSIM/NONE	SE	OA0601200941-43	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	PCB-138/158	11.0	48.0	48.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200941-43	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	70.0	70.0	ug/kg	
PCBSIM/NONE	SE	OA0601200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0601200941-43	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	65.0	65.0	ug/kg	
PCBSIM/NONE	SE	OA0601200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	74.0	74.0	ug/kg	
PCBSIM/NONE	SE	OA0601200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	61.0	61.0	ug/kg	
PCBSIM/NONE	SE	OA0601200941-43	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	9.7 J	9.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200941-43	N	2,2',5-TRICHLOROBIPHENYL	11.0	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0601200941-43	N	2,4,4'-TRICHLOROBIPHENYL	11.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,4'-DICHLOROBIPHENYL	10.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	95.0	95.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200945-47	N	2,3,4,4',5-Pentachlorobiphenyl	10.0	4.8 J	4.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	98.0	98.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	PCB-138/158	10.0	100	100	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	130	130	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	53.0	53.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	130	130	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	97.0	97.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,2',5-TRICHLOROBIPHENYL	10.0	50.0	50.0	ug/kg	
PCBSIM/NONE	SE	OA0601200945-47	N	2,4,4'-TRICHLOROBIPHENYL	10.0	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0601200949-51	N	2,3',4,4',5-Pentachlorobiphenyl	8.5	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0601200949-51	N	PCB-138/158	8.5	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0601200949-51	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	4.3 J	4.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA0601200949-51	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	OA0601200949-51	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA0601200949-51	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0601200949-51	N	2,2',5-TRICHLOROBIPHENYL	8.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0601200949-51	N	2,4,4'-TRICHLOROBIPHENYL	8.5	8.5 J	8.5	ug/kg	
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0601200953-55	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0601200953-55	N	PCB-138/158	7.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0601200953-55	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0601200953-55	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	15.0	15.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200953-55	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200953-55	N	2,2',5-TRICHLOROBIPHENYL	7.5	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200953-55	N	2,4,4'-TRICHLOROBIPHENYL	7.5	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200957-59	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200957-59	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	OA0601200957-59	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0601200957-59	N	PCB-138/158	7.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200957-59	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0601200957-59	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0601200957-59	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0601200957-59	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0601200957-59	N	2,2',5-TRICHLOROBIPHENYL	7.4	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200957-59	N	2,4,4'-TRICHLOROBIPHENYL	7.4	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	7.4	7.4	ug/kg	
PCBSIM/NONE	SE	OA0601200961-63	N	PCB-138/158	7.4	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA0601200961-63	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	8.9	8.9	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0601200961-63	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,2',5-TRICHLOROBIPHENYL	7.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200961-63	N	2,4,4'-TRICHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200965-67	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200965-67	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200965-67	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200965-67	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200965-67	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200965-67	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,3',4,4',5-Pentachlorobiphenyl	7.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0601200973-75	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	2.6 J	2.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA0601200901	N	Moisture	0.10	41.6	41.6	PERCENT	
D2216/NONE	SE	OA0601200903	N	Moisture	0.10	40.7	40.7	PERCENT	
D2216/NONE	SE	OA0601200905	N	Moisture	0.10	40.3	40.3	PERCENT	
D2216/NONE	SE	OA0601200907	N	Moisture	0.10	39.5	39.5	PERCENT	
D2216/NONE	SE	OA0601200909-11	N	Moisture	0.10	40.1	40.1	PERCENT	
D2216/NONE	SE	OA0601200913-15	N	Moisture	0.10	41.8	41.8	PERCENT	
D2216/NONE	SE	OA0601200917-19	N	Moisture	0.10	43.3	43.3	PERCENT	
D2216/NONE	SE	OA0601200921-23	N	Moisture	0.10	43.6	43.6	PERCENT	
D2216/NONE	SE	OA0601200925-27	N	Moisture	0.10	45.2	45.2	PERCENT	
D2216/NONE	SE	OA0601200929-31	N	Moisture	0.10	44.5	44.5	PERCENT	
D2216/NONE	SE	OA0601200933-35	N	Moisture	0.10	50.0	50.0	PERCENT	
D2216/NONE	SE	OA0601200937-39	N	Moisture	0.10	53.0	53.0	PERCENT	
D2216/NONE	SE	OA0601200941-43	N	Moisture	0.10	53.5	53.5	PERCENT	
D2216/NONE	SE	OA0601200945-47	N	Moisture	0.10	51.1	51.1	PERCENT	
D2216/NONE	SE	OA0601200949-51	N	Moisture	0.10	41.1	41.1	PERCENT	
D2216/NONE	SE	OA0601200953-55	N	Moisture	0.10	33.7	33.7	PERCENT	
D2216/NONE	SE	OA0601200957-59	N	Moisture	0.10	32.4	32.4	PERCENT	
D2216/NONE	SE	OA0601200961-63	N	Moisture	0.10	32.3	32.3	PERCENT	
D2216/NONE	SE	OA0601200965-67	N	Moisture	0.10	30.7	30.7	PERCENT	
D2216/NONE	SE	OA0601200969-71	N	Moisture	0.10	26.4	26.4	PERCENT	
D2216/NONE	SE	OA0601200973-75	N	Moisture	0.10	28.5	28.5	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA0601200901	N	Total Organic Carbon	0.086	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA0601200903	N	Total Organic Carbon	0.084	2.3	2.3	PERCENT	
SW9060/NONE	SE	OA0601200905	N	Total Organic Carbon	0.084	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA0601200907	N	Total Organic Carbon	0.083	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA0601200909-11	N	Total Organic Carbon	0.083	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA0601200913-15	N	Total Organic Carbon	0.086	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA0601200917-19	N	Total Organic Carbon	0.088	2.2	2.2	PERCENT	
SW9060/NONE	SE	OA0601200921-23	N	Total Organic Carbon	0.089	2.3	2.3	PERCENT	
SW9060/NONE	SE	OA0601200925-27	N	Total Organic Carbon	0.091	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA0601200929-31	N	Total Organic Carbon	0.090	2.6	2.6	PERCENT	
SW9060/NONE	SE	OA0601200933-35	N	Total Organic Carbon	0.10	3.4	3.4	PERCENT	
SW9060/NONE	SE	OA0601200937-39	N	Total Organic Carbon	0.11	3.9	3.9	PERCENT	
SW9060/NONE	SE	OA0601200941-43	N	Total Organic Carbon	0.11	4.1	4.1	PERCENT	
SW9060/NONE	SE	OA0601200945-47	N	Total Organic Carbon	0.10	3.3	3.3	PERCENT	
SW9060/NONE	SE	OA0601200949-51	N	Total Organic Carbon	0.085	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA0601200953-55	N	Total Organic Carbon	0.075	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA0601200957-59	N	Total Organic Carbon	0.074	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA0601200961-63	N	Total Organic Carbon	0.074	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA0601200965-67	N	Total Organic Carbon	0.072	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA0601200969-71	N	Total Organic Carbon	0.068	0.95	0.95	PERCENT	
SW9060/NONE	SE	OA0601200973-75	N	Total Organic Carbon	0.070	1.1	1.1	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111481

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111481

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111481, Certified - 2/5/2010 by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 15-Feb-2010

Samples Included in SDG 09111481

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	21	0
D2216/NONE	21	0
PCBSIM/NONE	21	0
SW9060/NONE	21	0

AUTOMATED DATA REVIEW SUMMARY for 09111481

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111481. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

BS RPD

LCS Recovery

Blank

Prep Hold Time

MS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111481

Confirmation Column Difference

Field Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

Calibration Blank

Equip Blank

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09111481

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.73% (9 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

AUTOMATED DATA REVIEW SUMMARY for 09111481

Evin McKinney

15-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111481

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121L05	091121L05	NA	LABQC	SQ	LABQC	099130139		11/21/2009 12:00	12/02/2009 10:34	LB
	091121L05	NA	LABQC	SQ	LABQC	099130139		11/21/2009 12:00	12/02/2009 10:58	BS
	091121L05	NA	LABQC	SQ	LABQC	099130139		11/21/2009 12:00	12/02/2009 11:45	BD
091121S05	091121L05	NA	OA08	SE	OA0801200901	091114811		11/17/2009 12:00	12/02/2009 4:05	N
	091121L05	NA	OA08	SE	OA0801200901	091114811		11/17/2009 12:00	12/02/2009 4:05	N
	091121L05	NA	OA08	SE	OA0801200903	091114812		11/17/2009 12:00	12/02/2009 4:28	N
	091121L05	NA	OA08	SE	OA0801200903	091114812		11/17/2009 12:00	12/02/2009 4:28	N
	091121L05	NA	OA08	SE	OA0801200905	091114813		11/17/2009 12:00	12/02/2009 4:52	N
	091121L05	NA	OA08	SE	OA0801200905	091114813		11/17/2009 12:00	12/02/2009 4:52	N
	091121L05	NA	OA08	SE	OA0801200907	091114814		11/17/2009 12:00	12/02/2009 5:15	N
	091121L05	NA	OA08	SE	OA0801200907	091114814		11/17/2009 12:00	12/02/2009 5:15	N
091121L06	091121L06	NA	LABQC	SQ	LABQC	0991301310		11/21/2009 12:00	12/02/2009 6:58	LB
	091121L06	NA	LABQC	SQ	LABQC	0991301310		11/21/2009 12:00	12/02/2009 7:22	BS
	091121L06	NA	LABQC	SQ	LABQC	0991301310		11/21/2009 12:00	12/02/2009 7:45	BD
091121S06	091121L06	NA	OA08	SE	OA0801200929-31	0911148144		11/17/2009 12:00	12/02/2009 8:09	MS
	091121L06	NA	OA08	SE	OA0801200929-31	0911148144		11/17/2009 12:00	12/02/2009 8:32	SD
091121S05	091121L05	NA	OA08	SE	OA0801200921-23	0911148142		11/17/2009 12:00	12/02/2009 8:56	N
	091121L05	NA	OA08	SE	OA0801200921-23	0911148142		11/17/2009 12:00	12/02/2009 8:56	N
	091121L05	NA	OA08	SE	OA0801200925-27	0911148143		11/17/2009 12:00	12/02/2009 9:19	N
	091121L05	NA	OA08	SE	OA0801200925-27	0911148143		11/17/2009 12:00	12/02/2009 9:19	N
	091121L05	NA	OA08	SE	OA0801200937-39	0911148146		11/17/2009 12:00	12/02/2009 9:43	N
	091121L05	NA	OA08	SE	OA0801200937-39	0911148146		11/17/2009 12:00	12/02/2009 9:43	N
	091121L05	NA	OA08	SE	OA0801200941-43	0911148147		11/17/2009 12:00	12/02/2009 10:07	N
	091121L05	NA	OA08	SE	OA0801200941-43	0911148147		11/17/2009 12:00	12/02/2009 10:07	N
091121S06	091121L06	NA	OA08	SE	OA0801200929-31	0911148144		11/17/2009 12:00	12/02/2009 10:30	N
	091121L06	NA	OA08	SE	OA0801200929-31	0911148144		11/17/2009 12:00	12/02/2009 10:30	N
	091121L06	NA	OA08	SE	OA0801200933-35	0911148145		11/17/2009 12:00	12/02/2009 10:54	N

AUTOMATED DATA REVIEW SUMMARY for 09111481

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121S06	091121L06	NA	OA08	SE	OA0801200933-35	0911148145		11/17/2009 12:00	12/02/2009 10:54	N
	091121L06	NA	OA08	SE	OA0801200945-47	0911148148		11/17/2009 12:00	12/02/2009 11:17	N
	091121L06	NA	OA08	SE	OA0801200945-47	0911148148		11/17/2009 12:00	12/02/2009 11:17	N
	091121L06	NA	OA08	SE	OA0801200949-51	0911148149		11/17/2009 12:00	12/02/2009 11:41	N
	091121L06	NA	OA08	SE	OA0801200949-51	0911148149		11/17/2009 12:00	12/02/2009 11:41	N
	091121L06	NA	OA08	SE	OA0801200953-55	0911148150		11/17/2009 12:00	12/03/2009 12:05	N
	091121L06	NA	OA08	SE	OA0801200953-55	0911148150		11/17/2009 12:00	12/03/2009 12:05	N
	091121L06	NA	OA08	SE	OA0801200957-59	0911148151		11/17/2009 12:00	12/03/2009 12:28	N
	091121L06	NA	OA08	SE	OA0801200957-59	0911148151		11/17/2009 12:00	12/03/2009 12:28	N
	091121L06	NA	OA08	SE	OA0801200961-63	0911148152		11/17/2009 12:00	12/03/2009 12:52	N
	091121L06	NA	OA08	SE	OA0801200961-63	0911148152		11/17/2009 12:00	12/03/2009 12:52	N
	091121L06	NA	OA08	SE	OA0801200965-67	0911148153		11/17/2009 12:00	12/03/2009 1:16	N
	091121L06	NA	OA08	SE	OA0801200965-67	0911148153		11/17/2009 12:00	12/03/2009 1:16	N
	091121L06	NA	OA08	SE	OA0801200969-71	0911148154		11/17/2009 12:00	12/03/2009 1:39	N
	091121L06	NA	OA08	SE	OA0801200969-71	0911148154		11/17/2009 12:00	12/03/2009 1:39	N
091121S06P	091121L06	NA	OA08	SE	OA0801200973-75	0911148155		11/17/2009 12:00	12/03/2009 2:03	N
	091121L06	NA	OA08	SE	OA0801200973-75	0911148155		11/17/2009 12:00	12/03/2009 2:03	N
091121S05	091121L05	NA	OA08	SE	OA0801200913-15	0911148140		11/17/2009 12:00	12/03/2009 2:26	N
	091121L05	NA	OA08	SE	OA0801200913-15	0911148140		11/17/2009 12:00	12/03/2009 2:26	N
	091121L05	NA	OA08	SE	OA0801200917-19	0911148141		11/17/2009 12:00	12/03/2009 2:50	N
	091121L05	NA	OA08	SE	OA0801200917-19	0911148141		11/17/2009 12:00	12/03/2009 2:50	N
	091121L05	NA	OA08	SE	OA0801200909-11	0911148139		11/17/2009 12:00	12/03/2009 3:13	N
	091121L05	NA	OA08	SE	OA0801200909-11	0911148139		11/17/2009 12:00	12/03/2009 3:13	N
	091121L05	NA	OA08	SE	OA0801200901	091114811		11/17/2009 12:00	12/03/2009 12:12	N
	091121L05	NA	OA08	SE	OA0801200903	091114812		11/17/2009 12:00	12/03/2009 12:36	N
	091121L05	NA	OA08	SE	OA0801200905	091114813		11/17/2009 12:00	12/03/2009 1:14	N
	091121L05	NA	OA08	SE	OA0801200907	091114814		11/17/2009 12:00	12/03/2009 1:37	N
	091121L05	NA	OA08	SE	OA0801200921-23	0911148142		11/17/2009 12:00	12/03/2009 2:02	N

AUTOMATED DATA REVIEW SUMMARY for 09111481

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121S05	091121L05	NA	OA08	SE	OA0801200925-27	0911148143		11/17/2009 12:00	12/03/2009 2:25	N
	091121L05	NA	OA08	SE	OA0801200937-39	0911148146		11/17/2009 12:00	12/03/2009 2:49	N
	091121L05	NA	OA08	SE	OA0801200941-43	0911148147		11/17/2009 12:00	12/03/2009 3:12	N
091121S06	091121L06	NA	OA08	SE	OA0801200929-31	0911148144		11/17/2009 12:00	12/03/2009 3:36	N
	091121L06	NA	OA08	SE	OA0801200933-35	0911148145		11/17/2009 12:00	12/03/2009 4:00	N
	091121L06	NA	OA08	SE	OA0801200945-47	0911148148		11/17/2009 12:00	12/03/2009 4:23	N
	091121L06	NA	OA08	SE	OA0801200949-51	0911148149		11/17/2009 12:00	12/03/2009 4:47	N
	091121L06	NA	OA08	SE	OA0801200953-55	0911148150		11/17/2009 12:00	12/03/2009 8:20	N
	091121L06	NA	OA08	SE	OA0801200957-59	0911148151		11/17/2009 12:00	12/03/2009 8:43	N
091121S05	091121L05	NA	OA08	SE	OA0801200913-15	0911148140		11/17/2009 12:00	12/03/2009 9:07	N
	091121L05	NA	OA08	SE	OA0801200917-19	0911148141		11/17/2009 12:00	12/03/2009 9:31	N
	091121L05	NA	OA08	SE	OA0801200909-11	0911148139		11/17/2009 12:00	12/03/2009 9:54	N

AUTOMATED DATA REVIEW SUMMARY for 09111481

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOID9	NA	NA	OA08	SE	OA0801200909-11	0911148139		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200907	091114814		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200921-23	0911148142		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200917-19	0911148141		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200913-15	0911148140		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200901	091114811		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200905	091114813		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200903	091114812		11/17/2009 12:00	11/21/2009 3:00	N
91121MOIB9	NA	NA	LABQC	SQ	LABQC	099050141587		11/21/2009 3:00	11/21/2009 3:00	LB
91121MOID9	NA	NA	OA08	SE	OA0801200957-59	0911148151		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200965-67	0911148153		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200961-63	0911148152		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200945-47	0911148148		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200953-55	0911148150		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200949-51	0911148149		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200941-43	0911148147		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200933-35	0911148145		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200937-39	0911148146		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200929-31	0911148144		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200925-27	0911148143		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200969-71	0911148154		11/17/2009 12:00	11/21/2009 3:00	N
	NA	NA	OA08	SE	OA0801200969-71	0911148154		11/17/2009 12:00	11/21/2009 3:00	LR
91121MOID8	NA	NA	OA08	SE	OA0801200973-75	0911148155		11/17/2009 12:00	11/21/2009 4:00	N
91121MOIB8	NA	NA	LABQC	SQ	LABQC	099050141583		11/21/2009 4:00	11/21/2009 4:00	LB

AUTOMATED DATA REVIEW SUMMARY for 09111481

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121L10A	091121L10A	NA	LABQC	SQ	LABQC	0991301729		11/21/2009 12:00	12/01/2009 11:32	BS
	091121L10A	NA	LABQC	SQ	LABQC	0991301729		11/21/2009 12:00	12/01/2009 12:01	BD
091121S10	091121L10A	NA	OA08	SE	OA0801200901	091114811		11/17/2009 12:00	12/01/2009 10:12	N
	091121L10A	NA	OA08	SE	OA0801200901	091114811		11/17/2009 12:00	12/01/2009 10:12	N
091121S11	091121L11A	NA	OA08	SE	OA0801200933-35	0911148145		11/17/2009 12:00	12/02/2009 3:20	N
	091121L11A	NA	OA08	SE	OA0801200933-35	0911148145		11/17/2009 12:00	12/02/2009 3:20	N
091121L11A	091121L11A	NA	LABQC	SQ	LABQC	0991301730		11/21/2009 12:00	12/02/2009 3:19	BS
	091121L11A	NA	LABQC	SQ	LABQC	0991301730		11/21/2009 12:00	12/02/2009 3:49	BD
091121S11	091121L11A	NA	OA08	SE	OA0801200933-35	0911148145		11/17/2009 12:00	12/02/2009 4:18	MS
	091121L11A	NA	OA08	SE	OA0801200933-35	0911148145		11/17/2009 12:00	12/02/2009 4:49	SD
091121L10A	091121L10A	NA	LABQC	SQ	LABQC	0991301729		11/21/2009 12:00	12/11/2009 11:17	LB
091121L11A	091121L11A	NA	LABQC	SQ	LABQC	0991301730		11/21/2009 12:00	12/11/2009 11:47	LB
091213L01	091213L01	NA	LABQC	SQ	LABQC	0991301777		12/13/2009 12:00	12/28/2009 4:32	LB
	091213L01	NA	LABQC	SQ	LABQC	0991301777		12/13/2009 12:00	12/28/2009 5:01	BS
	091213L01	NA	LABQC	SQ	LABQC	0991301777		12/13/2009 12:00	12/28/2009 5:30	BD
091213L02	091213L02	NA	LABQC	SQ	LABQC	0991301779		12/13/2009 12:00	12/28/2009 5:52	LB
	091213L02	NA	LABQC	SQ	LABQC	0991301779		12/13/2009 12:00	12/28/2009 6:22	BS
	091213L02	NA	LABQC	SQ	LABQC	0991301779		12/13/2009 12:00	12/28/2009 6:50	BD
091213S01	091213L01	NA	OA08	SE	OA0801200903	091114812		11/17/2009 12:00	12/29/2009 1:25	N
	091213L01	NA	OA08	SE	OA0801200905	091114813		11/17/2009 12:00	12/29/2009 1:54	N
091213S02	091213L02	NA	OA08	SE	OA0801200945-47	0911148148		11/17/2009 12:00	12/29/2009 2:39	N
091213S01	091213L01	NA	OA08	SE	OA0801200909-11	0911148139		11/17/2009 12:00	12/29/2009 2:53	N
091213S02	091213L02	NA	OA08	SE	OA0801200949-51	0911148149		11/17/2009 12:00	12/29/2009 3:08	N
091213S01	091213L01	NA	OA08	SE	OA0801200913-15	0911148140		11/17/2009 12:00	12/29/2009 3:22	N
091213S02	091213L02	NA	OA08	SE	OA0801200953-55	0911148150		11/17/2009 12:00	12/29/2009 3:38	N
	091213L02	NA	OA08	SE	OA0801200957-59	0911148151		11/17/2009 12:00	12/29/2009 4:08	N
	091213L02	NA	OA08	SE	OA0801200961-63	0911148152		11/17/2009 12:00	12/29/2009 4:37	N
091213S01	091213L01	NA	OA08	SE	OA0801200917-19	0911148141		11/17/2009 12:00	12/29/2009 3:07	N

AUTOMATED DATA REVIEW SUMMARY for 09111481

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091213S02	091213L02	NA	OA08	SE	OA0801200965-67	0911148153		11/17/2009 12:00	12/29/2009 4:06	N
	091213L02	NA	OA08	SE	OA0801200969-71	0911148154		11/17/2009 12:00	12/29/2009 4:36	N
	091213L02	NA	OA08	SE	OA0801200973-75	0911148155		11/17/2009 12:00	12/29/2009 5:08	N
091213S01	091213L01	NA	OA08	SE	OA0801200907	091114814		11/17/2009 12:00	12/29/2009 5:10	N
	091213L01	NA	OA08	SE	OA0801200907	091114814		11/17/2009 12:00	12/29/2009 5:41	MS
	091213L01	NA	OA08	SE	OA0801200907	091114814		11/17/2009 12:00	12/29/2009 6:11	SD
	091213L01	NA	OA08	SE	OA0801200921-23	0911148142		11/17/2009 12:00	12/29/2009 9:14	N
	091213L01	NA	OA08	SE	OA0801200925-27	0911148143		11/17/2009 12:00	12/29/2009 9:45	N
	091213L01	NA	OA08	SE	OA0801200937-39	0911148146		11/17/2009 12:00	12/29/2009 10:44	N
	091213L01	NA	OA08	SE	OA0801200941-43	0911148147		11/17/2009 12:00	12/29/2009 11:13	N
	091213L01	NA	OA08	SE	OA0801200929-31	0911148144		11/17/2009 12:00	12/30/2009 11:32	N

AUTOMATED DATA REVIEW SUMMARY for 09111481

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91124TOCS1	NA	NA	OA08	SE	OA0801200929-31	0911148144		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200925-27	0911148143		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200941-43	0911148147		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200933-35	0911148145		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200937-39	0911148146		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200945-47	0911148148		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200949-51	0911148149		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200953-55	0911148150		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200957-59	0911148151		11/17/2009 12:00	11/24/2009 5:43	MS
	NA	NA	OA08	SE	OA0801200957-59	0911148151		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200909-11	0911148139		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200907	091114814		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200921-23	0911148142		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200913-15	0911148140		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200917-19	0911148141		11/17/2009 12:00	11/24/2009 5:43	N
91124TOCL1	NA	NA	LABQC	SQ	LABQC	09906013415		11/24/2009 5:43	11/24/2009 5:43	BS
	NA	NA	LABQC	SQ	LABQC	09906013415		11/24/2009 5:43	11/24/2009 5:43	LB
91124TOCS1	NA	NA	OA08	SE	OA0801200901	091114811		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200903	091114812		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200905	091114813		11/17/2009 12:00	11/24/2009 5:43	N
	NA	NA	OA08	SE	OA0801200957-59	0911148151		11/17/2009 12:00	11/24/2009 5:43	SD
91127TOCS1	NA	NA	OA08	SE	OA0801200969-71	0911148154		11/17/2009 12:00	11/27/2009 10:57	N
	NA	NA	OA08	SE	OA0801200973-75	0911148155		11/17/2009 12:00	11/27/2009 10:57	N
91127TOCL1	NA	NA	LABQC	SQ	LABQC	09906013418		11/27/2009 10:57	11/27/2009 10:57	BS
	NA	NA	LABQC	SQ	LABQC	09906013418		11/27/2009 10:57	11/27/2009 10:57	LB
91127TOCS1	NA	NA	OA08	SE	OA0801200961-63	0911148152		11/17/2009 12:00	11/27/2009 10:57	N
	NA	NA	OA08	SE	OA0801200965-67	0911148153		11/17/2009 12:00	11/27/2009 10:57	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA0801200929-31 / MS	1	1,1-bis(p-chlorophenyl) ethane	164	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / SD	1	1,1-bis(p-chlorophenyl) ethane	182	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / MS	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	425	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	498	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / MS	1	o,p'-DDD	129	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / SD	1	o,p'-DDD	156	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / MS	1	o,p'-DDE	222	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / SD	1	o,p'-DDE	255	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / MS	1	p,p'-DDD	340	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / SD	1	p,p'-DDD	521	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / MS	1	p,p'-DDE	816	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / SD	1	p,p'-DDE	945	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / MS	1	p,p'-DDT	634	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA0801200929-31 / SD	1	p,p'-DDT	264	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA0801200929-31 / SD	1	o,p'-DDT	55.1	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA0801200929-31 / SD	1	p,p'-DDD	42.0	RPD	J/UJ	< 30	< 60	D2	C2

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS RPD	OA0801200929-31 / SD	1	p,p'-DDT	82.4	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	Blank	P091121L10ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	3.1	ug/kg	U/None	< 1.9	< 11	B1	
PCBSIM / SW3545	Blank	P091121L11ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	4.4	ug/kg	U/None	< 1.9	< 9.5	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	9.5 J	9.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	12.0 B	12.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA0801200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	9.9 J	9.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,2',5-TRICHLOROBIPHENYL	11.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,4,4'-TRICHLOROBIPHENYL	11.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.1	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',5-TRICHLOROBIPHENYL	9.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,4,4'-TRICHLOROBIPHENYL	9.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	5.2 J	5.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.2	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,2',5-TRICHLOROBIPHENYL	8.2	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,4,4'-TRICHLOROBIPHENYL	8.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,2',5-TRICHLOROBIPHENYL	8.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,4,4'-TRICHLOROBIPHENYL	8.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	6.3 J	6.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.4	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.4	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.9	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.9	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,4,4'-TRICHLOROBIPHENYL	8.9	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	5.5 J	5.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.8	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.8	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.3	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.3	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.3	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.3	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.3	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.3	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200933-35	N	2,4'-DICHLOROBIPHENYL	9.5	4.0 J	4.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200933-35	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.5	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200933-35	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.5	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200937-39	N	2,4'-DICHLOROBIPHENYL	10.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200937-39	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200937-39	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200937-39	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200937-39	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200941-43	N	2,4'-DICHLOROBIPHENYL	11.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	11.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200941-43	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200941-43	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2,4'-DICHLOROBIPHENYL	10.0	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	8.8 J	8.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200945-47	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200949-51	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200949-51	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.7	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200949-51	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200949-51	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.7	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200949-51	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.4	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200957-59	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200957-59	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.7	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	6.7 J	6.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200961-63	N	PCB-138/158	7.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,2',5-TRICHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,4,4'-TRICHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200965-67	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200965-67	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	2.9 J	2.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0801200901	N	o,p'-DDT	11.0	9.5 J	9.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200913-15	N	p,p'-DDT	8.4	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200917-19	N	o,p'-DDT	8.9	7.8 J	7.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200917-19	N	p,p'-DDT	8.9	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200921-23	N	o,p'-DDT	8.8	7.1 J	7.1 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200929-31	N	o,p'-DDD	9.3	49.0	49.0 J	ug/kg	M
BNASIM/NONE	SE	OA0801200929-31	N	p,p'-DDD	9.3	230	230 J	ug/kg	MD2
BNASIM/NONE	SE	OA0801200929-31	N	o,p'-DDE	9.3	380	380 J	ug/kg	M
BNASIM/NONE	SE	OA0801200929-31	N	p,p'-DDE	93.0	1800 D	1800 J	ug/kg	M
BNASIM/NONE	SE	OA0801200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.3	830	830 J	ug/kg	M
BNASIM/NONE	SE	OA0801200929-31	N	1,1-bis(p-chlorophenyl)ethane	9.3	120	120 J	ug/kg	M
BNASIM/NONE	SE	OA0801200929-31	N	o,p'-DDT	9.3	11.0	11.0 J	ug/kg	D2
BNASIM/NONE	SE	OA0801200929-31	N	p,p'-DDT	9.3	8.9 J	8.9 J	ug/kg	MD2TR
BNASIM/NONE	SE	OA0801200957-59	N	o,p'-DDT	7.7	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200965-67	N	o,p'-DDD	7.0	5.7 J	5.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0801200901	N	o,p'-DDD	11.0	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA0801200901	N	p,p'-DDD	11.0	390	390	ug/kg	
BNASIM/NONE	SE	OA0801200901	N	o,p'-DDE	11.0	190	190	ug/kg	
BNASIM/NONE	SE	OA0801200901	N	p,p'-DDE	54.0	1000 D	1000	ug/kg	
BNASIM/NONE	SE	OA0801200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	11.0	330	330	ug/kg	
BNASIM/NONE	SE	OA0801200901	N	1,1-bis(p-chlorophenyl)ethane	11.0	35.0	35.0	ug/kg	
BNASIM/NONE	SE	OA0801200901	N	o,p'-DDT	11.0	9.5 J	9.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200901	N	p,p'-DDT	11.0	190	190	ug/kg	
BNASIM/NONE	SE	OA0801200903	N	o,p'-DDD	9.1	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA0801200903	N	p,p'-DDD	9.1	240	240	ug/kg	
BNASIM/NONE	SE	OA0801200903	N	o,p'-DDE	9.1	180	180	ug/kg	
BNASIM/NONE	SE	OA0801200903	N	p,p'-DDE	45.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA0801200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.1	310	310	ug/kg	
BNASIM/NONE	SE	OA0801200903	N	1,1-bis(p-chlorophenyl)ethane	9.1	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA0801200903	N	p,p'-DDT	9.1	34.0	34.0	ug/kg	
BNASIM/NONE	SE	OA0801200905	N	o,p'-DDD	8.2	39.0	39.0	ug/kg	
BNASIM/NONE	SE	OA0801200905	N	p,p'-DDD	82.0	2900 D	2900	ug/kg	
BNASIM/NONE	SE	OA0801200905	N	o,p'-DDE	8.2	190	190	ug/kg	
BNASIM/NONE	SE	OA0801200905	N	p,p'-DDE	82.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA0801200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	330	330	ug/kg	
BNASIM/NONE	SE	OA0801200905	N	1,1-bis(p-chlorophenyl)ethane	8.2	35.0	35.0	ug/kg	
BNASIM/NONE	SE	OA0801200905	N	o,p'-DDT	8.2	14.0	14.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0801200905	N	p,p'-DDT	8.2	420	420	ug/kg	
BNASIM/NONE	SE	OA0801200907	N	o,p'-DDD	8.0	32.0	32.0	ug/kg	
BNASIM/NONE	SE	OA0801200907	N	p,p'-DDD	8.0	400	400	ug/kg	
BNASIM/NONE	SE	OA0801200907	N	o,p'-DDE	8.0	210	210	ug/kg	
BNASIM/NONE	SE	OA0801200907	N	p,p'-DDE	40.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA0801200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.0	330	330	ug/kg	
BNASIM/NONE	SE	OA0801200907	N	1,1-bis(p-chlorophenyl)ethane	8.0	38.0	38.0	ug/kg	
BNASIM/NONE	SE	OA0801200907	N	p,p'-DDT	8.0	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA0801200909-11	N	o,p'-DDD	8.0	44.0	44.0	ug/kg	
BNASIM/NONE	SE	OA0801200909-11	N	p,p'-DDD	8.0	780	780	ug/kg	
BNASIM/NONE	SE	OA0801200909-11	N	o,p'-DDE	8.0	270	270	ug/kg	
BNASIM/NONE	SE	OA0801200909-11	N	p,p'-DDE	40.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA0801200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.0	450	450	ug/kg	
BNASIM/NONE	SE	OA0801200909-11	N	1,1-bis(p-chlorophenyl)ethane	8.0	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA0801200909-11	N	p,p'-DDT	8.0	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA0801200913-15	N	o,p'-DDD	8.4	64.0	64.0	ug/kg	
BNASIM/NONE	SE	OA0801200913-15	N	p,p'-DDD	8.4	400	400	ug/kg	
BNASIM/NONE	SE	OA0801200913-15	N	o,p'-DDE	8.4	410	410	ug/kg	
BNASIM/NONE	SE	OA0801200913-15	N	p,p'-DDE	84.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA0801200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	84.0	560 D	560	ug/kg	
BNASIM/NONE	SE	OA0801200913-15	N	1,1-bis(p-chlorophenyl)ethane	8.4	110	110	ug/kg	
BNASIM/NONE	SE	OA0801200913-15	N	p,p'-DDT	8.4	5.4 J	5.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0801200917-19	N	o,p'-DDD	8.9	43.0	43.0	ug/kg	
BNASIM/NONE	SE	OA0801200917-19	N	p,p'-DDD	8.9	380	380	ug/kg	
BNASIM/NONE	SE	OA0801200917-19	N	o,p'-DDE	8.9	350	350	ug/kg	
BNASIM/NONE	SE	OA0801200917-19	N	p,p'-DDE	45.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA0801200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	850	850	ug/kg	
BNASIM/NONE	SE	OA0801200917-19	N	1,1-bis(p-chlorophenyl)ethane	8.9	100	100	ug/kg	
BNASIM/NONE	SE	OA0801200917-19	N	o,p'-DDT	8.9	7.8 J	7.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200917-19	N	p,p'-DDT	8.9	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200921-23	N	o,p'-DDD	8.8	42.0	42.0	ug/kg	
BNASIM/NONE	SE	OA0801200921-23	N	p,p'-DDD	8.8	350	350	ug/kg	
BNASIM/NONE	SE	OA0801200921-23	N	o,p'-DDE	8.8	300	300	ug/kg	
BNASIM/NONE	SE	OA0801200921-23	N	p,p'-DDE	44.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA0801200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.8	670	670	ug/kg	
BNASIM/NONE	SE	OA0801200921-23	N	1,1-bis(p-chlorophenyl)ethane	8.8	86.0	86.0	ug/kg	
BNASIM/NONE	SE	OA0801200921-23	N	o,p'-DDT	8.8	7.1 J	7.1 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200921-23	N	p,p'-DDT	8.8	50.0	50.0	ug/kg	
BNASIM/NONE	SE	OA0801200925-27	N	o,p'-DDD	9.0	95.0	95.0	ug/kg	
BNASIM/NONE	SE	OA0801200925-27	N	p,p'-DDD	9.0	470	470	ug/kg	
BNASIM/NONE	SE	OA0801200925-27	N	o,p'-DDE	9.0	640	640	ug/kg	
BNASIM/NONE	SE	OA0801200925-27	N	p,p'-DDE	90.0	2900 D	2900	ug/kg	
BNASIM/NONE	SE	OA0801200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	90.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA0801200925-27	N	1,1-bis(p-chlorophenyl)ethane	9.0	210	210	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0801200925-27	N	o,p'-DDT	9.0	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA0801200925-27	N	p,p'-DDT	9.0	22.0	22.0	ug/kg	
BNASIM/NONE	SE	OA0801200929-31	N	o,p'-DDD	9.3	49.0	49.0 J	ug/kg	M
BNASIM/NONE	SE	OA0801200929-31	N	p,p'-DDD	9.3	230	230 J	ug/kg	MD2
BNASIM/NONE	SE	OA0801200929-31	N	o,p'-DDE	9.3	380	380 J	ug/kg	M
BNASIM/NONE	SE	OA0801200929-31	N	p,p'-DDE	93.0	1800 D	1800 J	ug/kg	M
BNASIM/NONE	SE	OA0801200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.3	830	830 J	ug/kg	M
BNASIM/NONE	SE	OA0801200929-31	N	1,1-bis(p-chlorophenyl)ethane	9.3	120	120 J	ug/kg	M
BNASIM/NONE	SE	OA0801200929-31	N	o,p'-DDT	9.3	11.0	11.0 J	ug/kg	D2
BNASIM/NONE	SE	OA0801200929-31	N	p,p'-DDT	9.3	8.9 J	8.9 J	ug/kg	MD2TR
BNASIM/NONE	SE	OA0801200933-35	N	o,p'-DDD	9.5	150	150	ug/kg	
BNASIM/NONE	SE	OA0801200933-35	N	p,p'-DDD	9.5	940	940	ug/kg	
BNASIM/NONE	SE	OA0801200933-35	N	o,p'-DDE	190	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA0801200933-35	N	p,p'-DDE	190	5700 D	5700	ug/kg	
BNASIM/NONE	SE	OA0801200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	190	2900 D	2900	ug/kg	
BNASIM/NONE	SE	OA0801200933-35	N	1,1-bis(p-chlorophenyl)ethane	9.5	330	330	ug/kg	
BNASIM/NONE	SE	OA0801200933-35	N	o,p'-DDT	9.5	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA0801200933-35	N	p,p'-DDT	9.5	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA0801200937-39	N	o,p'-DDD	10.0	170	170	ug/kg	
BNASIM/NONE	SE	OA0801200937-39	N	p,p'-DDD	200	1900 D	1900	ug/kg	
BNASIM/NONE	SE	OA0801200937-39	N	o,p'-DDE	200	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA0801200937-39	N	p,p'-DDE	200	5500 D	5500	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0801200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	200	1700 D	1700	ug/kg	
BNASIM/NONE	SE	OA0801200937-39	N	1,1-bis(p-chlorophenyl)ethane	10.0	190	190	ug/kg	
BNASIM/NONE	SE	OA0801200937-39	N	o,p'-DDT	10.0	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA0801200937-39	N	p,p'-DDT	10.0	230	230	ug/kg	
BNASIM/NONE	SE	OA0801200941-43	N	o,p'-DDD	11.0	350	350	ug/kg	
BNASIM/NONE	SE	OA0801200941-43	N	p,p'-DDD	570	3100 D	3100	ug/kg	
BNASIM/NONE	SE	OA0801200941-43	N	o,p'-DDE	570	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA0801200941-43	N	p,p'-DDE	570	12000 D	12000	ug/kg	
BNASIM/NONE	SE	OA0801200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	570	2400 D	2400	ug/kg	
BNASIM/NONE	SE	OA0801200941-43	N	1,1-bis(p-chlorophenyl)ethane	11.0	480	480	ug/kg	
BNASIM/NONE	SE	OA0801200941-43	N	o,p'-DDT	11.0	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA0801200941-43	N	p,p'-DDT	11.0	620	620	ug/kg	
BNASIM/NONE	SE	OA0801200945-47	N	o,p'-DDD	10.0	260	260	ug/kg	
BNASIM/NONE	SE	OA0801200945-47	N	p,p'-DDD	200	3000 D	3000	ug/kg	
BNASIM/NONE	SE	OA0801200945-47	N	o,p'-DDE	200	870 D	870	ug/kg	
BNASIM/NONE	SE	OA0801200945-47	N	p,p'-DDE	200	6200 D	6200	ug/kg	
BNASIM/NONE	SE	OA0801200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	200	1900 D	1900	ug/kg	
BNASIM/NONE	SE	OA0801200945-47	N	1,1-bis(p-chlorophenyl)ethane	10.0	410	410	ug/kg	
BNASIM/NONE	SE	OA0801200945-47	N	o,p'-DDT	10.0	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA0801200945-47	N	p,p'-DDT	10.0	270	270	ug/kg	
BNASIM/NONE	SE	OA0801200949-51	N	o,p'-DDD	9.7	230	230	ug/kg	
BNASIM/NONE	SE	OA0801200949-51	N	p,p'-DDD	190	2500 D	2500	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0801200949-51	N	o,p'-DDE	9.7	770	770	ug/kg	
BNASIM/NONE	SE	OA0801200949-51	N	p,p'-DDE	190	4500 D	4500	ug/kg	
BNASIM/NONE	SE	OA0801200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	190	940 D	940	ug/kg	
BNASIM/NONE	SE	OA0801200949-51	N	1,1-bis(p-chlorophenyl)ethane	9.7	360	360	ug/kg	
BNASIM/NONE	SE	OA0801200949-51	N	o,p'-DDT	9.7	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA0801200949-51	N	p,p'-DDT	9.7	170	170	ug/kg	
BNASIM/NONE	SE	OA0801200953-55	N	o,p'-DDD	8.4	110	110	ug/kg	
BNASIM/NONE	SE	OA0801200953-55	N	p,p'-DDD	8.4	760	760	ug/kg	
BNASIM/NONE	SE	OA0801200953-55	N	o,p'-DDE	8.4	510	510	ug/kg	
BNASIM/NONE	SE	OA0801200953-55	N	p,p'-DDE	84.0	2200 D	2200	ug/kg	
BNASIM/NONE	SE	OA0801200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	84.0	700 D	700	ug/kg	
BNASIM/NONE	SE	OA0801200953-55	N	1,1-bis(p-chlorophenyl)ethane	8.4	200	200	ug/kg	
BNASIM/NONE	SE	OA0801200953-55	N	o,p'-DDT	8.4	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA0801200953-55	N	p,p'-DDT	8.4	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA0801200957-59	N	o,p'-DDD	7.7	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA0801200957-59	N	p,p'-DDD	7.7	110	110	ug/kg	
BNASIM/NONE	SE	OA0801200957-59	N	o,p'-DDE	7.7	160	160	ug/kg	
BNASIM/NONE	SE	OA0801200957-59	N	p,p'-DDE	38.0	480 D	480	ug/kg	
BNASIM/NONE	SE	OA0801200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	440	440	ug/kg	
BNASIM/NONE	SE	OA0801200957-59	N	1,1-bis(p-chlorophenyl)ethane	7.7	61.0	61.0	ug/kg	
BNASIM/NONE	SE	OA0801200957-59	N	o,p'-DDT	7.7	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200961-63	N	o,p'-DDD	7.3	19.0	19.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0801200961-63	N	p,p'-DDD	7.3	86.0	86.0	ug/kg	
BNASIM/NONE	SE	OA0801200961-63	N	o,p'-DDE	7.3	140	140	ug/kg	
BNASIM/NONE	SE	OA0801200961-63	N	p,p'-DDE	7.3	550	550	ug/kg	
BNASIM/NONE	SE	OA0801200961-63	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	530	530	ug/kg	
BNASIM/NONE	SE	OA0801200961-63	N	1,1-bis(p-chlorophenyl)ethane	7.3	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA0801200965-67	N	o,p'-DDD	7.0	5.7 J	5.7 J	ug/kg	TR
BNASIM/NONE	SE	OA0801200965-67	N	p,p'-DDD	7.0	92.0	92.0	ug/kg	
BNASIM/NONE	SE	OA0801200965-67	N	o,p'-DDE	7.0	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA0801200965-67	N	p,p'-DDE	7.0	210	210	ug/kg	
BNASIM/NONE	SE	OA0801200965-67	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	160	160	ug/kg	
BNASIM/NONE	SE	OA0801200965-67	N	1,1-bis(p-chlorophenyl)ethane	7.0	22.0	22.0	ug/kg	
BNASIM/NONE	SE	OA0801200969-71	N	p,p'-DDD	6.8	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA0801200969-71	N	o,p'-DDE	6.8	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA0801200969-71	N	p,p'-DDE	6.8	140	140	ug/kg	
BNASIM/NONE	SE	OA0801200969-71	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	75.0	75.0	ug/kg	
BNASIM/NONE	SE	OA0801200969-71	N	1,1-bis(p-chlorophenyl)ethane	6.8	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA0801200973-75	N	p,p'-DDD	6.6	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA0801200973-75	N	o,p'-DDE	6.6	9.0	9.0	ug/kg	
BNASIM/NONE	SE	OA0801200973-75	N	p,p'-DDE	6.6	53.0	53.0	ug/kg	
BNASIM/NONE	SE	OA0801200973-75	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.6	20.0	20.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	9.5 J	9.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	11.0 J	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200901	N	PCB-138/158	11.0	11.0 J	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	9.9 J	9.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,2',5-TRICHLOROBIPHENYL	11.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200901	N	2,4,4'-TRICHLOROBIPHENYL	11.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0801200903	N	2,3',4,4',5-Pentachlorobiphenyl	9.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200903	N	PCB-138/158	9.1	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0801200903	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.1	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0801200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	11.0	11.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,2',5-TRICHLOROBIPHENYL	9.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200903	N	2,4,4'-TRICHLOROBIPHENYL	9.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0801200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200905	N	PCB-138/158	8.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0801200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0801200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.2	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	OA0801200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	OA0801200905	N	2,2',5-TRICHLOROBIPHENYL	8.2	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200905	N	2,4,4'-TRICHLOROBIPHENYL	8.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	OA0801200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.0	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	OA0801200907	N	PCB-138/158	8.0	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA0801200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0801200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA0801200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,2',5-TRICHLOROBIPHENYL	8.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200907	N	2,4,4'-TRICHLOROBIPHENYL	8.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0801200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	8.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0801200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	PCB-138/158	8.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0801200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0801200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.0	6.5 J	6.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0801200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0801200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0801200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0801200913-15	N	PCB-138/158	8.4	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0801200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.4	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA0801200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA0801200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0801200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0801200913-15	N	2,2',5-TRICHLOROBIPHENYL	8.4	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	OA0801200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.4	6.4 J	6.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0801200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0801200917-19	N	PCB-138/158	8.9	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA0801200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.9	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.9	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0801200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0801200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA0801200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0801200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200917-19	N	2,2',5-TRICHLOROBIPHENYL	8.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0801200917-19	N	2,4,4'-TRICHLOROBIPHENYL	8.9	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.8	9.9	9.9	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0801200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	8.8	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0801200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	PCB-138/158	8.8	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA0801200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.8	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA0801200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.8	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0801200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.8	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA0801200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.8	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0801200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.8	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200921-23	N	2,2',5-TRICHLOROBIPHENYL	8.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.8	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	30.0	30.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	9.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA0801200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	PCB-138/158	9.0	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA0801200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.0	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA0801200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0801200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA0801200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA0801200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200925-27	N	2,2',5-TRICHLOROBIPHENYL	9.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0801200925-27	N	2,4,4'-TRICHLOROBIPHENYL	9.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.3	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.3	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.3	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.3	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA0801200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	9.3	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA0801200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.3	7.7 J	7.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200929-31	N	PCB-138/158	9.3	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA0801200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.3	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.3	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.3	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA0801200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.3	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0801200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.3	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.3	50.0	50.0	ug/kg	
PCBSIM/NONE	SE	OA0801200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.3	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA0801200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.3	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200929-31	N	2,2',5-TRICHLOROBIPHENYL	9.3	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA0801200929-31	N	2,4,4'-TRICHLOROBIPHENYL	9.3	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,4'-DICHLOROBIPHENYL	9.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.5	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.5	55.0	55.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	9.5	56.0	56.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200933-35	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.5	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	PCB-138/158	9.5	57.0	57.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.5	25.0 B	25.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.5	63.0	63.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.5	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	49.0	49.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.5	58.0	58.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.5	52.0	52.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.5	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200933-35	N	2,2',5-TRICHLOROBIPHENYL	9.5	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA0801200933-35	N	2,4,4'-TRICHLOROBIPHENYL	9.5	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,4'-DICHLOROBIPHENYL	10.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	74.0	74.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200937-39	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	73.0	73.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200937-39	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200937-39	N	PCB-138/158	10.0	77.0	77.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	93.0	93.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	72.0	72.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	89.0	89.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	62.0	62.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,2',5-TRICHLOROBIPHENYL	10.0	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA0801200937-39	N	2,4,4'-TRICHLOROBIPHENYL	10.0	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,4'-DICHLOROBIPHENYL	11.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	11.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	55.0	55.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	3.9 J	3.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200941-43	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	87.0	87.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	11.0 J	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	PCB-138/158	11.0	100	100	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	120	120	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	49.0	49.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	81.0	81.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	100	100	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	72.0	72.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200941-43	N	2,2',5-TRICHLOROBIPHENYL	11.0	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	OA0801200941-43	N	2,4,4'-TRICHLOROBIPHENYL	11.0	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2,4'-DICHLOROBIPHENYL	10.0	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	23.0	23.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	87.0	87.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	84.0	84.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	PCB-138/158	10.0	86.0	86.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	88.0	88.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	75.0	75.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	59.0	59.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200945-47	N	2,2',5-TRICHLOROBIPHENYL	10.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA0801200945-47	N	2,4,4'-TRICHLOROBIPHENYL	10.0	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200949-51	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.7	10.0	10.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200949-51	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.7	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.7	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	2,3',4,4',5-Pentachlorobiphenyl	9.7	44.0	44.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	PCB-138/158	9.7	45.0	45.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.7	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200949-51	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.7	49.0	49.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.7	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.7	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200949-51	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.7	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.7	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.7	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200949-51	N	2,2',5-TRICHLOROBIPHENYL	9.7	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0801200949-51	N	2,4,4'-TRICHLOROBIPHENYL	9.7	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	6.5 J	6.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	PCB-138/158	8.4	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.4	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200953-55	N	2,2',5-TRICHLOROBIPHENYL	8.4	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA0801200953-55	N	2,4,4'-TRICHLOROBIPHENYL	8.4	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA0801200957-59	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA0801200957-59	N	PCB-138/158	7.7	19.0	19.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0801200957-59	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA0801200957-59	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA0801200957-59	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.7	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA0801200957-59	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA0801200957-59	N	2,2',5-TRICHLOROBIPHENYL	7.7	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	OA0801200957-59	N	2,4,4'-TRICHLOROBIPHENYL	7.7	8.0	8.0	ug/kg	
PCBSIM/NONE	SE	OA0801200961-63	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	7.9	7.9	ug/kg	
PCBSIM/NONE	SE	OA0801200961-63	N	PCB-138/158	7.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	OA0801200961-63	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	OA0801200961-63	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,2',5-TRICHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200961-63	N	2,4,4'-TRICHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200965-67	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0801200965-67	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	2.9 J	2.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA0801200901	N	Moisture	0.10	53.9	53.9	PERCENT	
D2216/NONE	SE	OA0801200903	N	Moisture	0.10	44.8	44.8	PERCENT	
D2216/NONE	SE	OA0801200905	N	Moisture	0.10	38.7	38.7	PERCENT	
D2216/NONE	SE	OA0801200907	N	Moisture	0.10	37.5	37.5	PERCENT	
D2216/NONE	SE	OA0801200909-11	N	Moisture	0.10	37.6	37.6	PERCENT	
D2216/NONE	SE	OA0801200913-15	N	Moisture	0.10	40.2	40.2	PERCENT	
D2216/NONE	SE	OA0801200917-19	N	Moisture	0.10	44.1	44.1	PERCENT	
D2216/NONE	SE	OA0801200921-23	N	Moisture	0.10	42.9	42.9	PERCENT	
D2216/NONE	SE	OA0801200925-27	N	Moisture	0.10	44.7	44.7	PERCENT	
D2216/NONE	SE	OA0801200929-31	N	Moisture	0.10	46.2	46.2	PERCENT	
D2216/NONE	SE	OA0801200933-35	N	Moisture	0.10	47.5	47.5	PERCENT	
D2216/NONE	SE	OA0801200937-39	N	Moisture	0.10	50.0	50.0	PERCENT	
D2216/NONE	SE	OA0801200941-43	N	Moisture	0.10	56.5	56.5	PERCENT	
D2216/NONE	SE	OA0801200945-47	N	Moisture	0.10	50.1	50.1	PERCENT	
D2216/NONE	SE	OA0801200949-51	N	Moisture	0.10	48.6	48.6	PERCENT	
D2216/NONE	SE	OA0801200953-55	N	Moisture	0.10	40.6	40.6	PERCENT	
D2216/NONE	SE	OA0801200957-59	N	Moisture	0.10	34.8	34.8	PERCENT	
D2216/NONE	SE	OA0801200961-63	N	Moisture	0.10	31.1	31.1	PERCENT	
D2216/NONE	SE	OA0801200965-67	N	Moisture	0.10	28.6	28.6	PERCENT	
D2216/NONE	SE	OA0801200969-71	N	Moisture	0.10	26.9	26.9	PERCENT	
D2216/NONE	SE	OA0801200973-75	N	Moisture	0.10	24.8	24.8	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA0801200901	N	Total Organic Carbon	0.11	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA0801200903	N	Total Organic Carbon	0.091	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA0801200905	N	Total Organic Carbon	0.082	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA0801200907	N	Total Organic Carbon	0.080	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA0801200909-11	N	Total Organic Carbon	0.080	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA0801200913-15	N	Total Organic Carbon	0.084	2.1	2.1	PERCENT	
SW9060/NONE	SE	OA0801200917-19	N	Total Organic Carbon	0.089	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA0801200921-23	N	Total Organic Carbon	0.088	2.3	2.3	PERCENT	
SW9060/NONE	SE	OA0801200925-27	N	Total Organic Carbon	0.090	2.7	2.7	PERCENT	
SW9060/NONE	SE	OA0801200929-31	N	Total Organic Carbon	0.093	2.8	2.8	PERCENT	
SW9060/NONE	SE	OA0801200933-35	N	Total Organic Carbon	0.095	2.9	2.9	PERCENT	
SW9060/NONE	SE	OA0801200937-39	N	Total Organic Carbon	0.10	3.6	3.6	PERCENT	
SW9060/NONE	SE	OA0801200941-43	N	Total Organic Carbon	0.11	5.0	5.0	PERCENT	
SW9060/NONE	SE	OA0801200945-47	N	Total Organic Carbon	0.10	3.5	3.5	PERCENT	
SW9060/NONE	SE	OA0801200949-51	N	Total Organic Carbon	0.097	3.2	3.2	PERCENT	
SW9060/NONE	SE	OA0801200953-55	N	Total Organic Carbon	0.084	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA0801200957-59	N	Total Organic Carbon	0.077	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA0801200961-63	N	Total Organic Carbon	0.073	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA0801200965-67	N	Total Organic Carbon	0.070	1.0	1.0	PERCENT	
SW9060/NONE	SE	OA0801200969-71	N	Total Organic Carbon	0.068	0.88	0.88	PERCENT	
SW9060/NONE	SE	OA0801200973-75	N	Total Organic Carbon	0.066	0.88	0.88	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111482

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111482

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111482, Certified - 2/9/2010 M by evinmckinney

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 15-Feb-2010

Samples Included in SDG 09111482

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	0	16
D2216/NONE	0	16
PCBSIM/NONE	0	16
SW9060/NONE	0	16

AUTOMATED DATA REVIEW SUMMARY for 09111482

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111482. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

BS RPD

LCS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Prep Hold Time

MS Recovery

Blank

Field Duplicate RPD

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Negative Blank

Confirmation Column Difference

Field Blank

Calibration Blank

Equip Blank

Calibration Blank - Negative

Continuing Calibration Verification

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 09111482

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 8.07% (81 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

15-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111482

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121L06	091121L06	NA	LABQC	SQ	LABQC	0991301310		11/21/2009 12:00	12/02/2009 6:58	LB
	091121L06	NA	LABQC	SQ	LABQC	0991301310		11/21/2009 12:00	12/02/2009 7:22	BS
	091121L06	NA	LABQC	SQ	LABQC	0991301310		11/21/2009 12:00	12/02/2009 7:45	BD
091121L07	091121L07	NA	LABQC	SQ	LABQC	0991301311		11/21/2009 12:00	12/03/2009 6:22	LB
	091121L07	NA	LABQC	SQ	LABQC	0991301311		11/21/2009 12:00	12/03/2009 6:46	BS
	091121L07	NA	LABQC	SQ	LABQC	0991301311		11/21/2009 12:00	12/03/2009 7:09	BD
091121S07	091121L07	NA	OA10	SE	OA1002200937-39	0911148234		11/17/2009 12:00	12/03/2009 7:33	MS
	091121L07	NA	OA10	SE	OA1002200937-39	0911148234		11/17/2009 12:00	12/03/2009 7:56	SD
091121S06	091121L06	NA	OA10	SE	OA1002200901	091114821		11/17/2009 12:00	12/03/2009 10:18	FD
	091121L06	NA	OA10	SE	OA1002200901	091114821		11/17/2009 12:00	12/03/2009 10:18	FD
	091121L06	NA	OA10	SE	OA1002200903	091114822		11/17/2009 12:00	12/03/2009 10:41	FD
	091121L06	NA	OA10	SE	OA1002200903	091114822		11/17/2009 12:00	12/03/2009 10:41	FD
	091121L06	NA	OA10	SE	OA1002200905	091114823		11/17/2009 12:00	12/03/2009 11:05	FD
	091121L06	NA	OA10	SE	OA1002200905	091114823		11/17/2009 12:00	12/03/2009 11:05	FD
	091121L06	NA	OA10	SE	OA1002200907	091114824		11/17/2009 12:00	12/03/2009 11:28	FD
	091121L06	NA	OA10	SE	OA1002200907	091114824		11/17/2009 12:00	12/03/2009 11:28	FD
	091121L06	NA	OA10	SE	OA1002200909-11	0911148227		11/17/2009 12:00	12/03/2009 11:52	FD
	091121L06	NA	OA10	SE	OA1002200909-11	0911148227		11/17/2009 12:00	12/03/2009 11:52	FD
	091121L06	NA	OA10	SE	OA1002200913-15	0911148228		11/17/2009 12:00	12/04/2009 12:15	FD
	091121L06	NA	OA10	SE	OA1002200913-15	0911148228		11/17/2009 12:00	12/04/2009 12:15	FD
	091121L06	NA	OA10	SE	OA1002200917-19	0911148229		11/17/2009 12:00	12/04/2009 12:39	FD
	091121L06	NA	OA10	SE	OA1002200917-19	0911148229		11/17/2009 12:00	12/04/2009 12:39	FD
	091121L06	NA	OA10	SE	OA1002200921-23	0911148230		11/17/2009 12:00	12/04/2009 1:03	FD
	091121L06	NA	OA10	SE	OA1002200921-23	0911148230		11/17/2009 12:00	12/04/2009 1:03	FD
	091121L06	NA	OA10	SE	OA1002200925-27	0911148231		11/17/2009 12:00	12/04/2009 1:26	FD
	091121L06	NA	OA10	SE	OA1002200925-27	0911148231		11/17/2009 12:00	12/04/2009 1:26	FD
	091121L06	NA	OA10	SE	OA1002200929-31	0911148232		11/17/2009 12:00	12/04/2009 1:50	FD

AUTOMATED DATA REVIEW SUMMARY for 09111482

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121S06	091121L06	NA	OA10	SE	OA1002200929-31	0911148232		11/17/2009 12:00	12/04/2009 1:50	FD
091121S07	091121L07	NA	OA10	SE	OA1002200933-35	0911148233		11/17/2009 12:00	12/04/2009 2:13	FD
	091121L07	NA	OA10	SE	OA1002200933-35	0911148233		11/17/2009 12:00	12/04/2009 2:13	FD
	091121L07	NA	OA10	SE	OA1002200937-39	0911148234		11/17/2009 12:00	12/04/2009 2:37	FD
	091121L07	NA	OA10	SE	OA1002200937-39	0911148234		11/17/2009 12:00	12/04/2009 2:37	FD
091121S07P	091121L07	NA	OA10	SE	OA1002200941-43	0911148235		11/17/2009 12:00	12/04/2009 3:00	FD
	091121L07	NA	OA10	SE	OA1002200941-43	0911148235		11/17/2009 12:00	12/04/2009 3:00	FD
091121S07	091121L07	NA	OA10	SE	OA1002200945-47	0911148236		11/17/2009 12:00	12/04/2009 3:24	FD
	091121L07	NA	OA10	SE	OA1002200945-47	0911148236		11/17/2009 12:00	12/04/2009 3:24	FD
	091121L07	NA	OA10	SE	OA1002200949-51	0911148237		11/17/2009 12:00	12/04/2009 3:47	FD
	091121L07	NA	OA10	SE	OA1002200949-51	0911148237		11/17/2009 12:00	12/04/2009 3:47	FD
	091121L07	NA	OA10	SE	OA1002200953	0911148238		11/17/2009 12:00	12/04/2009 4:11	FD
	091121L07	NA	OA10	SE	OA1002200953	0911148238		11/17/2009 12:00	12/04/2009 4:11	FD
091121S06	091121L06	NA	OA10	SE	OA1002200903	091114822		11/17/2009 12:00	12/04/2009 1:47	FD
	091121L06	NA	OA10	SE	OA1002200905	091114823		11/17/2009 12:00	12/04/2009 2:10	FD
	091121L06	NA	OA10	SE	OA1002200907	091114824		11/17/2009 12:00	12/04/2009 2:35	FD
	091121L06	NA	OA10	SE	OA1002200909-11	0911148227		11/17/2009 12:00	12/04/2009 2:58	FD
	091121L06	NA	OA10	SE	OA1002200913-15	0911148228		11/17/2009 12:00	12/04/2009 3:22	FD
	091121L06	NA	OA10	SE	OA1002200917-19	0911148229		11/17/2009 12:00	12/04/2009 3:45	FD
	091121L06	NA	OA10	SE	OA1002200921-23	0911148230		11/17/2009 12:00	12/04/2009 4:09	FD
	091121L06	NA	OA10	SE	OA1002200925-27	0911148231		11/17/2009 12:00	12/04/2009 4:32	FD

AUTOMATED DATA REVIEW SUMMARY for 09111482

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOID2	NA	NA	OA10	SE	OA1002200925-27	0911148231		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200929-31	0911148232		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200945-47	0911148236		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200941-43	0911148235		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200937-39	0911148234		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200933-35	0911148233		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200953	0911148238		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200949-51	0911148237		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200921-23	0911148230		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200917-19	0911148229		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200913-15	0911148228		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200909-11	0911148227		11/17/2009 12:00	11/21/2009 10:00	LR
	NA	NA	OA10	SE	OA1002200909-11	0911148227		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200907	091114824		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200905	091114823		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200903	091114822		11/17/2009 12:00	11/21/2009 10:00	FD
	NA	NA	OA10	SE	OA1002200901	091114821		11/17/2009 12:00	11/21/2009 10:00	FD
91121MOIB2	NA	NA	LABQC	SQ	LABQC	099050141588		11/21/2009 10:00	11/21/2009 10:00	LB

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121L11A	091121L11A	NA	LABQC	SQ	LABQC	0991301730		11/21/2009 12:00	12/02/2009 3:19	BS
	091121L11A	NA	LABQC	SQ	LABQC	0991301730		11/21/2009 12:00	12/02/2009 3:49	BD
091121L12A	091121L12A	NA	LABQC	SQ	LABQC	0991301731		11/21/2009 12:00	12/03/2009 11:37	BS
	091121L12A	NA	LABQC	SQ	LABQC	0991301731		11/21/2009 12:00	12/03/2009 12:06	BD
091121S11	091121L11A	NA	OA10	SE	OA1002200901	091114821		11/17/2009 12:00	12/03/2009 12:37	FD
	091121L11A	NA	OA10	SE	OA1002200901	091114821		11/17/2009 12:00	12/03/2009 12:37	FD

AUTOMATED DATA REVIEW SUMMARY for 09111482

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121S11	091121L11A	NA	OA10	SE	OA1002200903	091114822		11/17/2009 12:00	12/03/2009 7:07	FD
	091121L11A	NA	OA10	SE	OA1002200903	091114822		11/17/2009 12:00	12/03/2009 7:07	FD
091121L11A	091121L11A	NA	LABQC	SQ	LABQC	0991301730		11/21/2009 12:00	12/11/2009 11:47	LB
091121L12A	091121L12A	NA	LABQC	SQ	LABQC	0991301731		11/21/2009 12:00	12/12/2009 12:17	LB
091213L02	091213L02	NA	LABQC	SQ	LABQC	0991301779		12/13/2009 12:00	12/28/2009 5:52	LB
	091213L02	NA	LABQC	SQ	LABQC	0991301779		12/13/2009 12:00	12/28/2009 6:22	BS
	091213L02	NA	LABQC	SQ	LABQC	0991301779		12/13/2009 12:00	12/28/2009 6:50	BD
091213L03	091213L03	NA	LABQC	SQ	LABQC	0991301780		12/13/2009 12:00	12/29/2009 7:11	LB
	091213L03	NA	LABQC	SQ	LABQC	0991301780		12/13/2009 12:00	12/29/2009 7:42	BS
	091213L03	NA	LABQC	SQ	LABQC	0991301780		12/13/2009 12:00	12/29/2009 8:12	BD
091213S02	091213L02	NA	OA10	SE	OA1002200905	091114823		11/17/2009 12:00	12/30/2009 1:09	FD
	091213L02	NA	OA10	SE	OA1002200907	091114824		11/17/2009 12:00	12/30/2009 1:38	FD
	091213L02	NA	OA10	SE	OA1002200909-11	0911148227		11/17/2009 12:00	12/30/2009 2:07	FD
	091213L02	NA	OA10	SE	OA1002200913-15	0911148228		11/17/2009 12:00	12/30/2009 2:35	FD
	091213L02	NA	OA10	SE	OA1002200917-19	0911148229		11/17/2009 12:00	12/30/2009 3:04	FD
	091213L02	NA	OA10	SE	OA1002200921-23	0911148230		11/17/2009 12:00	12/30/2009 3:33	FD
	091213L02	NA	OA10	SE	OA1002200925-27	0911148231		11/17/2009 12:00	12/30/2009 4:01	FD
	091213L02	NA	OA10	SE	OA1002200929-31	0911148232		11/17/2009 12:00	12/30/2009 4:30	FD
	091213L02	NA	OA10	SE	OA1002200933-35	0911148233		11/17/2009 12:00	12/30/2009 4:58	FD
	091213L02	NA	OA10	SE	OA1002200937-39	0911148234		11/17/2009 12:00	12/30/2009 5:27	FD
	091213L02	NA	OA10	SE	OA1002200941-43	0911148235		11/17/2009 12:00	12/30/2009 5:55	FD
	091213L02	NA	OA10	SE	OA1002200945-47	0911148236		11/17/2009 12:00	12/30/2009 6:23	FD
	091213L02	NA	OA10	SE	OA1002200929-31	0911148232		11/17/2009 12:00	12/30/2009 1:08	MS
	091213L02	NA	OA10	SE	OA1002200929-31	0911148232		11/17/2009 12:00	12/30/2009 1:36	SD
091213S03	091213L03	NA	OA10	SE	OA1002200949-51	0911148237		11/17/2009 12:00	12/30/2009 10:32	FD
	091213L03	NA	OA10	SE	OA1002200953	0911148238		11/17/2009 12:00	12/30/2009 11:02	FD

AUTOMATED DATA REVIEW SUMMARY for 09111482

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91127TOCS1	NA	NA	OA10	SE	OA1002200953	0911148238		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200949-51	0911148237		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200929-31	0911148232		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200925-27	0911148231		11/17/2009 12:00	11/27/2009 10:57	MS
	NA	NA	OA10	SE	OA1002200925-27	0911148231		11/17/2009 12:00	11/27/2009 10:57	SD
	NA	NA	OA10	SE	OA1002200925-27	0911148231		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200933-35	0911148233		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200937-39	0911148234		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200941-43	0911148235		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200945-47	0911148236		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200921-23	0911148230		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200913-15	0911148228		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200917-19	0911148229		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200909-11	0911148227		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200907	091114824		11/17/2009 12:00	11/27/2009 10:57	FD
91127TOCL1	NA	NA	LABQC	SQ	LABQC	09906013418		11/27/2009 10:57	11/27/2009 10:57	BS
	NA	NA	LABQC	SQ	LABQC	09906013418		11/27/2009 10:57	11/27/2009 10:57	LB
91127TOCS1	NA	NA	OA10	SE	OA1002200901	091114821		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200903	091114822		11/17/2009 12:00	11/27/2009 10:57	FD
	NA	NA	OA10	SE	OA1002200905	091114823		11/17/2009 12:00	11/27/2009 10:57	FD

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA1002200937-39 / MS	1	p,p'-DDT	166	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1002200937-39 / SD	1	p,p'-DDT	144	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	Blank	P091121L11ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	4.4	ug/kg	U/None	< 1.9	< 8.6	B1	
PCBSIM / SW3545	Blank	P091121L12ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	4.4	ug/kg	U/None	< 1.9	< 5	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200901	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200901	FD	2,3',4,4',5-Pentachlorobiphenyl	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200901	FD	2,3,3',4,4',5-Hexachlorobiphenyl	14.0	14.0 B	14.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA1002200901	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200901	FD	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,3',4,4',5-Pentachlorobiphenyl	8.6	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	PCB-138/158	8.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,3,3',4,4',5-Hexachlorobiphenyl	15.0	15.0 B	15.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA1002200903	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.6	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.6	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,4,4'-TRICHLOROBIPHENYL	8.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200905	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,4,4'-TRICHLOROBIPHENYL	8.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,2',5-TRICHLOROBIPHENYL	8.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,4,4'-TRICHLOROBIPHENYL	8.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.9	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',5-TRICHLOROBIPHENYL	8.9	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.4	70.0	70.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.4	39.0	39.0 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200913-15	FD	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	9.4	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.4	66.0	66.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200913-15	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.4	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.4	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.4	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.4	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.4	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,4,4'-TRICHLOROBIPHENYL	9.4	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,4'-DICHLOROBIPHENYL	9.5	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.5	60.0	60.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.5	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,3,4,4',5-Pentachlorobiphenyl	9.5	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,3',4,4',5-Pentachlorobiphenyl	9.5	170	170 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	PCB-138/158	9.5	65.0	65.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.5	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.5	200	200 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200917-19	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	110	110 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.5	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	290	290 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.5	310	310 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.5	240	240 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.5	29.0	29.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',5-TRICHLOROBIPHENYL	9.5	100	100 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,4,4'-TRICHLOROBIPHENYL	9.5	85.0	85.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.7	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.7	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.7	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,3,3',4,4',5-Hexachlorobiphenyl	8.7	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.7	23.0	23.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200921-23	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.7	22.0	22.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	5.3 J	5.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	2.6 J	2.6 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	9.4	9.4 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200925-27	FD	PCB-138/158	7.4	9.7	9.7 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200925-27	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200925-27	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',5-TRICHLOROBIPHENYL	7.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200925-27	FD	2,4,4'-TRICHLOROBIPHENYL	7.4	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,3',4,4',5-Pentachlorobiphenyl	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	PCB-138/158	7.6	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',5-TRICHLOROBIPHENYL	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200941-43	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200941-43	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200945-47	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,3',4,4',5-Pentachlorobiphenyl	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200953	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,4,4'-TRICHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1002200901	FD	p,p'-DDD	10.0	56.0	56.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200901	FD	p,p'-DDT	10.0	10.0 U	10.0 UJ	ug/kg	D3
BNASIM/NONE	SE	OA1002200903	FD	p,p'-DDD	8.6	680	680 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200903	FD	o,p'-DDE	8.6	90.0	90.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200903	FD	p,p'-DDE	8.6	670	670 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200903	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.6	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200903	FD	p,p'-DDT	43.0	510 D	510 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200905	FD	o,p'-DDD	8.3	31.0	31.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200905	FD	o,p'-DDE	8.3	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200905	FD	p,p'-DDE	42.0	990 D	990 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200905	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	300	300 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200905	FD	1,1-bis(p-chlorophenyl)ethane	8.3	54.0	54.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200907	FD	o,p'-DDD	8.3	34.0	34.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200907	FD	p,p'-DDD	8.3	260	260 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200907	FD	o,p'-DDE	8.3	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200907	FD	p,p'-DDE	42.0	960 D	960 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200907	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	310	310 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200907	FD	1,1-bis(p-chlorophenyl)ethane	8.3	55.0	55.0 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1002200907	FD	p,p'-DDT	8.3	24.0	24.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	o,p'-DDD	8.9	92.0	92.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	p,p'-DDD	8.9	540	540 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	o,p'-DDE	8.9	340	340 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	p,p'-DDE	44.0	2100 D	2100 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	510	510 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	1,1-bis(p-chlorophenyl)ethane	8.9	130	130 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200913-15	FD	o,p'-DDD	9.4	32.0	32.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200913-15	FD	o,p'-DDE	9.4	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200913-15	FD	p,p'-DDE	47.0	900 D	900 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200913-15	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.4	370	370 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200913-15	FD	1,1-bis(p-chlorophenyl)ethane	9.4	100	100 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	o,p'-DDD	9.5	94.0	94.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	p,p'-DDD	47.0	1000 D	1000 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	o,p'-DDE	9.5	470	470 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	p,p'-DDE	47.0	3200 D	3200 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	47.0	1100 D	1100 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	1,1-bis(p-chlorophenyl)ethane	9.5	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	p,p'-DDT	9.5	86.0	86.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	o,p'-DDD	8.7	67.0	67.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	p,p'-DDD	8.7	360	360 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	o,p'-DDE	8.7	230	230 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	p,p'-DDE	43.0	1600 D	1600 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1002200921-23	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.7	410	410 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	1,1-bis(p-chlorophenyl)ethane	8.7	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	o,p'-DDT	8.7	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1002200921-23	FD	p,p'-DDT	8.7	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1002200925-27	FD	o,p'-DDD	7.4	36.0	36.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200925-27	FD	p,p'-DDD	7.4	470	470 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200925-27	FD	o,p'-DDE	7.4	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200925-27	FD	p,p'-DDE	37.0	1400 D	1400 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200925-27	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	380	380 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200925-27	FD	1,1-bis(p-chlorophenyl)ethane	7.4	130	130 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200929-31	FD	p,p'-DDD	7.6	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200929-31	FD	o,p'-DDE	7.6	60.0	60.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200929-31	FD	p,p'-DDE	7.6	350	350 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200929-31	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200929-31	FD	1,1-bis(p-chlorophenyl)ethane	7.6	42.0	42.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200933-35	FD	o,p'-DDD	7.1	4.0 J	4.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1002200933-35	FD	p,p'-DDE	7.1	76.0	76.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200933-35	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	46.0	46.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200937-39	FD	o,p'-DDD	7.1	4.1 J	4.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1002200945-47	FD	o,p'-DDE	7.1	5.2 J	5.2 J	ug/kg	TR
BNASIM/NONE	SE	OA1002200945-47	FD	1,1-bis(p-chlorophenyl)ethane	7.1	4.8 J	4.8 J	ug/kg	TR

AUTOMATED DATA REVIEW SUMMARY for 09111482

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1002200903	FD	Total Organic Carbon	0.086	1.4	1.4 J	PERCENT	D3
SW9060/NONE	SE	OA1002200917-19	FD	Total Organic Carbon	0.095	2.9	2.9 J	PERCENT	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1002200901	FD	o,p'-DDD	10.0	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA1002200901	FD	p,p'-DDD	10.0	56.0	56.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200901	FD	o,p'-DDE	10.0	67.0	67.0	ug/kg	
BNASIM/NONE	SE	OA1002200901	FD	p,p'-DDE	10.0	400	400	ug/kg	
BNASIM/NONE	SE	OA1002200901	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	10.0	130	130	ug/kg	
BNASIM/NONE	SE	OA1002200901	FD	1,1-bis(p-chlorophenyl)ethane	10.0	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA1002200903	FD	o,p'-DDD	8.6	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA1002200903	FD	p,p'-DDD	8.6	680	680 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200903	FD	o,p'-DDE	8.6	90.0	90.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200903	FD	p,p'-DDE	8.6	670	670 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200903	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.6	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200903	FD	1,1-bis(p-chlorophenyl)ethane	8.6	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA1002200903	FD	o,p'-DDT	8.6	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA1002200903	FD	p,p'-DDT	43.0	510 D	510 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200905	FD	o,p'-DDD	8.3	31.0	31.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200905	FD	p,p'-DDD	8.3	250	250	ug/kg	
BNASIM/NONE	SE	OA1002200905	FD	o,p'-DDE	8.3	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200905	FD	p,p'-DDE	42.0	990 D	990 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200905	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	300	300 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200905	FD	1,1-bis(p-chlorophenyl)ethane	8.3	54.0	54.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200905	FD	p,p'-DDT	8.3	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA1002200907	FD	o,p'-DDD	8.3	34.0	34.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1002200907	FD	p,p'-DDD	8.3	260	260 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200907	FD	o,p'-DDE	8.3	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200907	FD	p,p'-DDE	42.0	960 D	960 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200907	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	310	310 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200907	FD	1,1-bis(p-chlorophenyl)ethane	8.3	55.0	55.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200907	FD	p,p'-DDT	8.3	24.0	24.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	o,p'-DDD	8.9	92.0	92.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	p,p'-DDD	8.9	540	540 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	o,p'-DDE	8.9	340	340 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	p,p'-DDE	44.0	2100 D	2100 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	510	510 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	1,1-bis(p-chlorophenyl)ethane	8.9	130	130 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200909-11	FD	o,p'-DDT	8.9	9.6	9.6	ug/kg	
BNASIM/NONE	SE	OA1002200909-11	FD	p,p'-DDT	8.9	42.0	42.0	ug/kg	
BNASIM/NONE	SE	OA1002200913-15	FD	o,p'-DDD	9.4	32.0	32.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200913-15	FD	p,p'-DDD	9.4	380	380	ug/kg	
BNASIM/NONE	SE	OA1002200913-15	FD	o,p'-DDE	9.4	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200913-15	FD	p,p'-DDE	47.0	900 D	900 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200913-15	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.4	370	370 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200913-15	FD	1,1-bis(p-chlorophenyl)ethane	9.4	100	100 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200913-15	FD	p,p'-DDT	9.4	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1002200917-19	FD	o,p'-DDD	9.5	94.0	94.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1002200917-19	FD	p,p'-DDD	47.0	1000 D	1000 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	o,p'-DDE	9.5	470	470 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	p,p'-DDE	47.0	3200 D	3200 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	47.0	1100 D	1100 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	1,1-bis(p-chlorophenyl)ethane	9.5	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200917-19	FD	o,p'-DDT	9.5	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA1002200917-19	FD	p,p'-DDT	9.5	86.0	86.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	o,p'-DDD	8.7	67.0	67.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	p,p'-DDD	8.7	360	360 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	o,p'-DDE	8.7	230	230 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	p,p'-DDE	43.0	1600 D	1600 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.7	410	410 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	1,1-bis(p-chlorophenyl)ethane	8.7	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200921-23	FD	o,p'-DDT	8.7	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1002200921-23	FD	p,p'-DDT	8.7	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1002200925-27	FD	o,p'-DDD	7.4	36.0	36.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200925-27	FD	p,p'-DDD	7.4	470	470 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200925-27	FD	o,p'-DDE	7.4	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200925-27	FD	p,p'-DDE	37.0	1400 D	1400 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200925-27	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	380	380 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200925-27	FD	1,1-bis(p-chlorophenyl)ethane	7.4	130	130 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200925-27	FD	p,p'-DDT	7.4	16.0	16.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1002200929-31	FD	o,p'-DDD	7.6	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA1002200929-31	FD	p,p'-DDD	7.6	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200929-31	FD	o,p'-DDE	7.6	60.0	60.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200929-31	FD	p,p'-DDE	7.6	350	350 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200929-31	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200929-31	FD	1,1-bis(p-chlorophenyl)ethane	7.6	42.0	42.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200933-35	FD	o,p'-DDD	7.1	4.0 J	4.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1002200933-35	FD	p,p'-DDD	7.1	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA1002200933-35	FD	o,p'-DDE	7.1	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA1002200933-35	FD	p,p'-DDE	7.1	76.0	76.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200933-35	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	46.0	46.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1002200933-35	FD	1,1-bis(p-chlorophenyl)ethane	7.1	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA1002200937-39	FD	o,p'-DDD	7.1	4.1 J	4.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1002200937-39	FD	p,p'-DDD	7.1	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA1002200937-39	FD	o,p'-DDE	7.1	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA1002200937-39	FD	p,p'-DDE	7.1	100	100	ug/kg	
BNASIM/NONE	SE	OA1002200937-39	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	35.0	35.0	ug/kg	
BNASIM/NONE	SE	OA1002200937-39	FD	1,1-bis(p-chlorophenyl)ethane	7.1	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1002200941-43	FD	p,p'-DDD	7.2	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA1002200941-43	FD	o,p'-DDE	7.2	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA1002200941-43	FD	p,p'-DDE	7.2	100	100	ug/kg	
BNASIM/NONE	SE	OA1002200941-43	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	43.0	43.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1002200941-43	FD	1,1-bis(p-chlorophenyl)ethane	7.2	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA1002200945-47	FD	p,p'-DDD	7.1	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA1002200945-47	FD	o,p'-DDE	7.1	5.2 J	5.2 J	ug/kg	TR
BNASIM/NONE	SE	OA1002200945-47	FD	p,p'-DDE	7.1	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA1002200945-47	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA1002200945-47	FD	1,1-bis(p-chlorophenyl)ethane	7.1	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1002200949-51	FD	p,p'-DDD	7.0	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA1002200949-51	FD	o,p'-DDE	7.0	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA1002200949-51	FD	p,p'-DDE	7.0	79.0	79.0	ug/kg	
BNASIM/NONE	SE	OA1002200949-51	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	23.0	23.0	ug/kg	
BNASIM/NONE	SE	OA1002200949-51	FD	1,1-bis(p-chlorophenyl)ethane	7.0	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA1002200953	FD	o,p'-DDD	7.3	7.8	7.8	ug/kg	
BNASIM/NONE	SE	OA1002200953	FD	p,p'-DDD	7.3	45.0	45.0	ug/kg	
BNASIM/NONE	SE	OA1002200953	FD	o,p'-DDE	7.3	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA1002200953	FD	p,p'-DDE	7.3	130	130	ug/kg	
BNASIM/NONE	SE	OA1002200953	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	66.0	66.0	ug/kg	
BNASIM/NONE	SE	OA1002200953	FD	1,1-bis(p-chlorophenyl)ethane	7.3	15.0	15.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200901	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200901	FD	2,3',4,4',5-Pentachlorobiphenyl	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200901	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	4.9 J	4.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200901	FD	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,3',4,4',5-Pentachlorobiphenyl	8.6	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	PCB-138/158	8.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.6	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.6	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200903	FD	2,4,4'-TRICHLOROBIPHENYL	8.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1002200905	FD	2,3',4,4',5-Pentachlorobiphenyl	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1002200905	FD	PCB-138/158	8.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1002200905	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1002200905	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200905	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	8.5	8.5	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200905	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	OA1002200905	FD	2,4,4'-TRICHLOROBIPHENYL	8.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1002200907	FD	2,3',4,4',5-Pentachlorobiphenyl	8.3	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1002200907	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	PCB-138/158	8.3	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1002200907	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1002200907	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1002200907	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA1002200907	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1002200907	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1002200907	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,2',5-TRICHLOROBIPHENYL	8.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200907	FD	2,4,4'-TRICHLOROBIPHENYL	8.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	3.8 J	3.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1002200909-11	FD	2,3',4,4',5-Pentachlorobiphenyl	8.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1002200909-11	FD	PCB-138/158	8.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1002200909-11	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.9	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1002200909-11	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1002200909-11	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1002200909-11	FD	2,2',5-TRICHLOROBIPHENYL	8.9	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200909-11	FD	2,4,4'-TRICHLOROBIPHENYL	8.9	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.4	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.4	70.0	70.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.4	39.0	39.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200913-15	FD	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	9.4	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.4	66.0	66.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200913-15	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.4	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.4	8.8 J	8.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.4	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,3',4,4',5-Pentachlorobiphenyl	9.4	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1002200913-15	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.4	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	PCB-138/158	9.4	54.0	54.0	ug/kg	
PCBSIM/NONE	SE	OA1002200913-15	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.4	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.4	37.0	37.0	ug/kg	
PCBSIM/NONE	SE	OA1002200913-15	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.4	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1002200913-15	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.4	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.4	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1002200913-15	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.4	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1002200913-15	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200913-15	FD	2,2',5-TRICHLOROBIPHENYL	9.4	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1002200913-15	FD	2,4,4'-TRICHLOROBIPHENYL	9.4	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,4'-DICHLOROBIPHENYL	9.5	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.5	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.5	15.0	15.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.5	60.0	60.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.5	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,3,4,4',5-Pentachlorobiphenyl	9.5	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,3',4,4',5-Pentachlorobiphenyl	9.5	170	170 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1002200917-19	FD	PCB-138/158	9.5	65.0	65.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.5	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.5	200	200 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	110	110 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.5	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	290	290 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.5	310	310 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.5	240	240 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.5	29.0	29.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,2',5-TRICHLOROBIPHENYL	9.5	100	100 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200917-19	FD	2,4,4'-TRICHLOROBIPHENYL	9.5	85.0	85.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.7	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.7	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.7	5.7 J	5.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.7	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.7	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1002200921-23	FD	2,3',4,4',5-Pentachlorobiphenyl	8.7	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1002200921-23	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	PCB-138/158	8.7	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1002200921-23	FD	2,3,3',4,4',5-Hexachlorobiphenyl	8.7	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.7	23.0	23.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200921-23	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.7	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA1002200921-23	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.7	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.7	22.0	22.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200921-23	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.7	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1002200921-23	FD	2,2',5-TRICHLOROBIPHENYL	8.7	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA1002200921-23	FD	2,4,4'-TRICHLOROBIPHENYL	8.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	5.3 J	5.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	2.6 J	2.6 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	9.4	9.4 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200925-27	FD	2,3',4,4',5-Pentachlorobiphenyl	7.4	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	OA1002200925-27	FD	PCB-138/158	7.4	9.7	9.7 J	ug/kg	D3
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	10.0	10.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200925-27	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200925-27	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1002200925-27	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	7.6	7.6	ug/kg	
PCBSIM/NONE	SE	OA1002200925-27	FD	2,2',5-TRICHLOROBIPHENYL	7.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200925-27	FD	2,4,4'-TRICHLOROBIPHENYL	7.4	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,3',4,4',5-Pentachlorobiphenyl	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	PCB-138/158	7.6	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200929-31	FD	2,2',5-TRICHLOROBIPHENYL	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200941-43	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200941-43	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200945-47	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,3',4,4',5-Pentachlorobiphenyl	7.3	2.9 J	2.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1002200953	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1002200953	FD	2,4,4'-TRICHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1002200901	FD	Moisture	0.10	49.9	49.9	PERCENT	
D2216/NONE	SE	OA1002200903	FD	Moisture	0.10	42.1	42.1	PERCENT	
D2216/NONE	SE	OA1002200905	FD	Moisture	0.10	39.9	39.9	PERCENT	
D2216/NONE	SE	OA1002200907	FD	Moisture	0.10	40.0	40.0	PERCENT	
D2216/NONE	SE	OA1002200909-11	FD	Moisture	0.10	43.7	43.7	PERCENT	
D2216/NONE	SE	OA1002200913-15	FD	Moisture	0.10	46.7	46.7	PERCENT	
D2216/NONE	SE	OA1002200917-19	FD	Moisture	0.10	47.1	47.1	PERCENT	
D2216/NONE	SE	OA1002200921-23	FD	Moisture	0.10	42.4	42.4	PERCENT	
D2216/NONE	SE	OA1002200925-27	FD	Moisture	0.10	32.6	32.6	PERCENT	
D2216/NONE	SE	OA1002200929-31	FD	Moisture	0.10	34.1	34.1	PERCENT	
D2216/NONE	SE	OA1002200933-35	FD	Moisture	0.10	29.4	29.4	PERCENT	
D2216/NONE	SE	OA1002200937-39	FD	Moisture	0.10	29.3	29.3	PERCENT	
D2216/NONE	SE	OA1002200941-43	FD	Moisture	0.10	30.1	30.1	PERCENT	
D2216/NONE	SE	OA1002200945-47	FD	Moisture	0.10	29.7	29.7	PERCENT	
D2216/NONE	SE	OA1002200949-51	FD	Moisture	0.10	28.7	28.7	PERCENT	
D2216/NONE	SE	OA1002200953	FD	Moisture	0.10	31.5	31.5	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1002200901	FD	Total Organic Carbon	0.10	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1002200903	FD	Total Organic Carbon	0.086	1.4	1.4 J	PERCENT	D3
SW9060/NONE	SE	OA1002200905	FD	Total Organic Carbon	0.083	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1002200907	FD	Total Organic Carbon	0.083	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1002200909-11	FD	Total Organic Carbon	0.089	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA1002200913-15	FD	Total Organic Carbon	0.094	2.7	2.7	PERCENT	
SW9060/NONE	SE	OA1002200917-19	FD	Total Organic Carbon	0.095	2.9	2.9 J	PERCENT	D3
SW9060/NONE	SE	OA1002200921-23	FD	Total Organic Carbon	0.087	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA1002200925-27	FD	Total Organic Carbon	0.074	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA1002200929-31	FD	Total Organic Carbon	0.076	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA1002200933-35	FD	Total Organic Carbon	0.071	1.0	1.0	PERCENT	
SW9060/NONE	SE	OA1002200937-39	FD	Total Organic Carbon	0.071	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1002200941-43	FD	Total Organic Carbon	0.072	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1002200945-47	FD	Total Organic Carbon	0.071	1.0	1.0	PERCENT	
SW9060/NONE	SE	OA1002200949-51	FD	Total Organic Carbon	0.070	0.95	0.95	PERCENT	
SW9060/NONE	SE	OA1002200953	FD	Total Organic Carbon	0.073	1.2	1.2	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111483

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111483

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111483, Certified - 2/5/2010 by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 12-Feb-2010

Samples Included in SDG 09111483

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	21	0
D2216/NONE	21	0
PCBSIM/NONE	21	0
SW9060/NONE	21	0

AUTOMATED DATA REVIEW SUMMARY for 09111483

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111483. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Prep Hold Time

MS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Negative Blank

Calibration Blank

Equip Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

Confirmation Column Difference

Field Blank

AUTOMATED DATA REVIEW SUMMARY for 09111483

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 8.19% (93 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

AUTOMATED DATA REVIEW SUMMARY for 09111483

Evin McKinney

12-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111483

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121L07	091121L07	NA	LABQC	SQ	LABQC	0991301311		11/21/2009 12:00	12/03/2009 6:22	LB
	091121L07	NA	LABQC	SQ	LABQC	0991301311		11/21/2009 12:00	12/03/2009 6:46	BS
	091121L07	NA	LABQC	SQ	LABQC	0991301311		11/21/2009 12:00	12/03/2009 7:09	BD
091121L08	091121L08	NA	LABQC	SQ	LABQC	0991301312		11/21/2009 12:00	12/04/2009 10:37	LB
	091121L08	NA	LABQC	SQ	LABQC	0991301312		11/21/2009 12:00	12/04/2009 11:02	BS
	091121L08	NA	LABQC	SQ	LABQC	0991301312		11/21/2009 12:00	12/04/2009 11:25	BD
091121S08	091121L08	NA	OA11	SE	OA1101200957-59	0911148349		11/17/2009 12:00	12/04/2009 11:49	MS
	091121L08	NA	OA11	SE	OA1101200957-59	0911148349		11/17/2009 12:00	12/04/2009 12:12	SD
	091121L08	NA	OA11	SE	OA1101200957-59	0911148349		11/17/2009 12:00	12/04/2009 12:36	N
	091121L08	NA	OA11	SE	OA1101200957-59	0911148349		11/17/2009 12:00	12/04/2009 12:36	N
091121S07	091121L07	NA	OA11	SE	OA1101200901	091114831		11/17/2009 12:00	12/04/2009 4:56	N
	091121L07	NA	OA11	SE	OA1101200901	091114831		11/17/2009 12:00	12/04/2009 4:56	N
	091121L07	NA	OA11	SE	OA1101200903	091114832		11/17/2009 12:00	12/04/2009 5:20	N
	091121L07	NA	OA11	SE	OA1101200903	091114832		11/17/2009 12:00	12/04/2009 5:20	N
	091121L07	NA	OA11	SE	OA1101200909-11	0911148337		11/17/2009 12:00	12/04/2009 8:21	N
	091121L07	NA	OA11	SE	OA1101200909-11	0911148337		11/17/2009 12:00	12/04/2009 8:21	N
	091121L07	NA	OA11	SE	OA1101200913-15	0911148338		11/17/2009 12:00	12/04/2009 8:45	N
	091121L07	NA	OA11	SE	OA1101200913-15	0911148338		11/17/2009 12:00	12/04/2009 8:45	N
	091121L07	NA	OA11	SE	OA1101200917-19	0911148339		11/17/2009 12:00	12/04/2009 9:08	N
	091121L07	NA	OA11	SE	OA1101200917-19	0911148339		11/17/2009 12:00	12/04/2009 9:08	N
	091121L07	NA	OA11	SE	OA1101200921-23	0911148340		11/17/2009 12:00	12/04/2009 9:32	N
	091121L07	NA	OA11	SE	OA1101200921-23	0911148340		11/17/2009 12:00	12/04/2009 9:32	N
	091121L07	NA	OA11	SE	OA1101200925-27	0911148341		11/17/2009 12:00	12/04/2009 9:56	N
	091121L07	NA	OA11	SE	OA1101200925-27	0911148341		11/17/2009 12:00	12/04/2009 9:56	N
	091121L07	NA	OA11	SE	OA1101200929-31	0911148342		11/17/2009 12:00	12/04/2009 10:19	N
	091121L07	NA	OA11	SE	OA1101200929-31	0911148342		11/17/2009 12:00	12/04/2009 10:19	N
	091121L07	NA	OA11	SE	OA1101200933-35	0911148343		11/17/2009 12:00	12/04/2009 10:43	N

AUTOMATED DATA REVIEW SUMMARY for 09111483

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121S07	091121L07	NA	OA11	SE	OA1101200933-35	0911148343		11/17/2009 12:00	12/04/2009 10:43	N
	091121L07	NA	OA11	SE	OA1101200937-39	0911148344		11/17/2009 12:00	12/04/2009 11:06	N
	091121L07	NA	OA11	SE	OA1101200937-39	0911148344		11/17/2009 12:00	12/04/2009 11:06	N
	091121L07	NA	OA11	SE	OA1101200941-43	0911148345		11/17/2009 12:00	12/04/2009 11:30	N
	091121L07	NA	OA11	SE	OA1101200941-43	0911148345		11/17/2009 12:00	12/04/2009 11:30	N
091121S08	091121L08	NA	OA11	SE	OA1101200949-51	0911148347		11/17/2009 12:00	12/05/2009 12:17	N
	091121L08	NA	OA11	SE	OA1101200949-51	0911148347		11/17/2009 12:00	12/05/2009 12:17	N
	091121L08	NA	OA11	SE	OA1101200953-55	0911148348		11/17/2009 12:00	12/05/2009 12:40	N
	091121L08	NA	OA11	SE	OA1101200953-55	0911148348		11/17/2009 12:00	12/05/2009 12:40	N
	091121L08	NA	OA11	SE	OA1101200961-63	0911148350		11/17/2009 12:00	12/05/2009 1:04	N
	091121L08	NA	OA11	SE	OA1101200961-63	0911148350		11/17/2009 12:00	12/05/2009 1:04	N
	091121L08	NA	OA11	SE	OA1101200965-67	0911148351		11/17/2009 12:00	12/05/2009 1:27	N
	091121L08	NA	OA11	SE	OA1101200965-67	0911148351		11/17/2009 12:00	12/05/2009 1:27	N
	091121L08	NA	OA11	SE	OA1101200969-71	0911148352		11/17/2009 12:00	12/05/2009 1:51	N
	091121L08	NA	OA11	SE	OA1101200969-71	0911148352		11/17/2009 12:00	12/05/2009 1:51	N
091121S08P	091121L08	NA	OA11	SE	OA1101200973	0911148353		11/17/2009 12:00	12/05/2009 2:14	N
	091121L08	NA	OA11	SE	OA1101200973	0911148353		11/17/2009 12:00	12/05/2009 2:14	N
091121S07	091121L07	NA	OA11	SE	OA1101200905	091114833		11/17/2009 12:00	12/05/2009 2:38	N
	091121L07	NA	OA11	SE	OA1101200905	091114833		11/17/2009 12:00	12/05/2009 2:38	N
	091121L07	NA	OA11	SE	OA1101200907	091114834		11/17/2009 12:00	12/05/2009 3:01	N
	091121L07	NA	OA11	SE	OA1101200907	091114834		11/17/2009 12:00	12/05/2009 3:01	N
	091121L07	NA	OA11	SE	OA1101200901	091114831		11/17/2009 12:00	12/05/2009 12:49	N
	091121L07	NA	OA11	SE	OA1101200903	091114832		11/17/2009 12:00	12/05/2009 1:13	N
	091121L07	NA	OA11	SE	OA1101200909-11	0911148337		11/17/2009 12:00	12/05/2009 1:36	N
	091121L07	NA	OA11	SE	OA1101200913-15	0911148338		11/17/2009 12:00	12/05/2009 2:00	N
	091121L07	NA	OA11	SE	OA1101200917-19	0911148339		11/17/2009 12:00	12/05/2009 2:23	N
	091121L07	NA	OA11	SE	OA1101200921-23	0911148340		11/17/2009 12:00	12/05/2009 2:47	N
	091121L07	NA	OA11	SE	OA1101200925-27	0911148341		11/17/2009 12:00	12/05/2009 3:10	N

AUTOMATED DATA REVIEW SUMMARY for 09111483

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121S07	091121L07	NA	OA11	SE	OA1101200929-31	0911148342		11/17/2009 12:00	12/05/2009 3:34	N
	091121L07	NA	OA11	SE	OA1101200933-35	0911148343		11/17/2009 12:00	12/05/2009 3:58	N
	091121L07	NA	OA11	SE	OA1101200937-39	0911148344		11/17/2009 12:00	12/05/2009 4:21	N
	091121L07	NA	OA11	SE	OA1101200941-43	0911148345		11/17/2009 12:00	12/05/2009 4:45	N
091121S08	091121L08	NA	OA11	SE	OA1101200949-51	0911148347		11/17/2009 12:00	12/05/2009 8:15	N
091121S07	091121L07	NA	OA11	SE	OA1101200905	091114833		11/17/2009 12:00	12/05/2009 8:38	N
	091121L07	NA	OA11	SE	OA1101200907	091114834		11/17/2009 12:00	12/05/2009 9:02	N
	091121L07	NA	OA11	SE	OA1101200945-47	0911148346		11/17/2009 12:00	12/28/2009 7:28	N
	091121L07	NA	OA11	SE	OA1101200945-47	0911148346		11/17/2009 12:00	12/28/2009 8:15	N
	091121L07	NA	OA11	SE	OA1101200945-47	0911148346		11/17/2009 12:00	12/28/2009 8:15	N

AUTOMATED DATA REVIEW SUMMARY for 09111483

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOID2	NA	NA	OA11	SE	OA1101200907	091114834		11/17/2009 12:00	11/21/2009 10:00	N
	NA	NA	OA11	SE	OA1101200905	091114833		11/17/2009 12:00	11/21/2009 10:00	N
	NA	NA	OA11	SE	OA1101200903	091114832		11/17/2009 12:00	11/21/2009 10:00	N
	NA	NA	OA11	SE	OA1101200901	091114831		11/17/2009 12:00	11/21/2009 10:00	N
91121MOIB2	NA	NA	LABQC	SQ	LABQC	099050141588		11/21/2009 10:00	11/21/2009 10:00	LB
91121MOID5	NA	NA	OA11	SE	OA1101200909-11	0911148337		11/17/2009 12:00	11/21/2009 11:00	LR
	NA	NA	OA11	SE	OA1101200913-15	0911148338		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200909-11	0911148337		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200921-23	0911148340		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200917-19	0911148339		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200945-47	0911148346		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200941-43	0911148345		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200937-39	0911148344		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200933-35	0911148343		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200929-31	0911148342		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200925-27	0911148341		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200949-51	0911148347		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200953-55	0911148348		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200965-67	0911148351		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200961-63	0911148350		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200957-59	0911148349		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200973	0911148353		11/17/2009 12:00	11/21/2009 11:00	N
	NA	NA	OA11	SE	OA1101200969-71	0911148352		11/17/2009 12:00	11/21/2009 11:00	N
91121MOIB5	NA	NA	LABQC	SQ	LABQC	099050141589		11/21/2009 2:00	11/21/2009 2:00	LB

AUTOMATED DATA REVIEW SUMMARY for 09111483

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121L12A	091121L12A	NA	LABQC	SQ	LABQC	0991301731		11/21/2009 12:00	12/03/2009 11:37	BS
	091121L12A	NA	LABQC	SQ	LABQC	0991301731		11/21/2009 12:00	12/03/2009 12:06	BD
091121S12	091121L12A	NA	OA11	SE	OA1101200901	091114831		11/17/2009 12:00	12/03/2009 10:39	N
	091121L12A	NA	OA11	SE	OA1101200901	091114831		11/17/2009 12:00	12/03/2009 10:39	N
091121L12A	091121L12A	NA	LABQC	SQ	LABQC	0991301731		11/21/2009 12:00	12/12/2009 12:17	LB
091213L04	091213L04	NA	LABQC	SQ	LABQC	0991301782		12/13/2009 12:00	12/29/2009 2:37	LB
	091213L04	NA	LABQC	SQ	LABQC	0991301782		12/13/2009 12:00	12/29/2009 3:07	BS
	091213L04	NA	LABQC	SQ	LABQC	0991301782		12/13/2009 12:00	12/29/2009 3:36	BD
091213S04	091213L04	NA	OA11	SE	OA1101200969-71	0911148352		11/17/2009 12:00	12/29/2009 5:39	N
	091213L04	NA	OA11	SE	OA1101200973	0911148353		11/17/2009 12:00	12/29/2009 6:09	N
091213L03	091213L03	NA	LABQC	SQ	LABQC	0991301780		12/13/2009 12:00	12/29/2009 7:11	LB
	091213L03	NA	LABQC	SQ	LABQC	0991301780		12/13/2009 12:00	12/29/2009 7:42	BS
	091213L03	NA	LABQC	SQ	LABQC	0991301780		12/13/2009 12:00	12/29/2009 8:12	BD
091213S03	091213L03	NA	OA11	SE	OA1101200903	091114832		11/17/2009 12:00	12/29/2009 11:43	N
	091213L03	NA	OA11	SE	OA1101200905	091114833		11/17/2009 12:00	12/30/2009 12:12	N
	091213L03	NA	OA11	SE	OA1101200907	091114834		11/17/2009 12:00	12/30/2009 12:42	N
	091213L03	NA	OA11	SE	OA1101200909-11	0911148337		11/17/2009 12:00	12/30/2009 1:12	N
	091213L03	NA	OA11	SE	OA1101200913-15	0911148338		11/17/2009 12:00	12/30/2009 1:42	N
	091213L03	NA	OA11	SE	OA1101200917-19	0911148339		11/17/2009 12:00	12/30/2009 2:11	N
	091213L03	NA	OA11	SE	OA1101200921-23	0911148340		11/17/2009 12:00	12/30/2009 2:40	N
	091213L03	NA	OA11	SE	OA1101200925-27	0911148341		11/17/2009 12:00	12/30/2009 3:10	N
	091213L03	NA	OA11	SE	OA1101200929-31	0911148342		11/17/2009 12:00	12/30/2009 3:40	N
	091213L03	NA	OA11	SE	OA1101200933-35	0911148343		11/17/2009 12:00	12/30/2009 4:09	N
	091213L03	NA	OA11	SE	OA1101200937-39	0911148344		11/17/2009 12:00	12/30/2009 4:37	N
	091213L03	NA	OA11	SE	OA1101200965-67	0911148351		11/17/2009 12:00	12/30/2009 5:07	N
	091213L03	NA	OA11	SE	OA1101200941-43	0911148345		11/17/2009 12:00	12/30/2009 7:31	N
	091213L03	NA	OA11	SE	OA1101200945-47	0911148346		11/17/2009 12:00	12/30/2009 8:01	N
	091213L03	NA	OA11	SE	OA1101200949-51	0911148347		11/17/2009 12:00	12/30/2009 8:32	N

AUTOMATED DATA REVIEW SUMMARY for 09111483

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091213S03	091213L03	NA	OA11	SE	OA1101200953-55	0911148348		11/17/2009 12:00	12/30/2009 9:02	N
	091213L03	NA	OA11	SE	OA1101200957-59	0911148349		11/17/2009 12:00	12/30/2009 9:32	N
	091213L03	NA	OA11	SE	OA1101200961-63	0911148350		11/17/2009 12:00	12/30/2009 10:02	N
	091213L03	NA	OA11	SE	OA1101200961-63	0911148350		11/17/2009 12:00	01/04/2010 4:14	MS
	091213L03	NA	OA11	SE	OA1101200961-63	0911148350		11/17/2009 12:00	01/04/2010 4:45	SD

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91127TOCS1	NA	NA	OA11	SE	OA1101200921-23	0911148340		11/17/2009 12:00	11/27/2009 12:19	N
	NA	NA	OA11	SE	OA1101200917-19	0911148339		11/17/2009 12:00	11/27/2009 12:19	N
	NA	NA	OA11	SE	OA1101200907	091114834		11/17/2009 12:00	11/27/2009 12:19	N
	NA	NA	OA11	SE	OA1101200909-11	0911148337		11/17/2009 12:00	11/27/2009 12:19	N
	NA	NA	OA11	SE	OA1101200913-15	0911148338		11/17/2009 12:00	11/27/2009 12:19	N
	NA	NA	OA11	SE	OA1101200905	091114833		11/17/2009 12:00	11/27/2009 12:19	SD
	NA	NA	OA11	SE	OA1101200905	091114833		11/17/2009 12:00	11/27/2009 12:19	MS
	NA	NA	OA11	SE	OA1101200905	091114833		11/17/2009 12:00	11/27/2009 12:19	N
	NA	NA	OA11	SE	OA1101200901	091114831		11/17/2009 12:00	11/27/2009 12:19	N
	NA	NA	OA11	SE	OA1101200903	091114832		11/17/2009 12:00	11/27/2009 12:19	N
91127TOCL1	NA	NA	LABQC	SQ	LABQC	09906013417		11/27/2009 12:19	11/27/2009 12:19	BS
	NA	NA	LABQC	SQ	LABQC	09906013417		11/27/2009 12:19	11/27/2009 12:19	LB
91130TOCL1	NA	NA	LABQC	SQ	LABQC	09906013421		11/30/2009 1:47	11/30/2009 1:47	BS
	NA	NA	LABQC	SQ	LABQC	09906013421		11/30/2009 1:47	11/30/2009 1:47	LB
91130TOCS1	NA	NA	OA11	SE	OA1101200957-59	0911148349		11/17/2009 12:00	11/30/2009 1:47	SD
	NA	NA	OA11	SE	OA1101200957-59	0911148349		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200961-63	0911148350		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200965-67	0911148351		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200957-59	0911148349		11/17/2009 12:00	11/30/2009 1:47	MS

AUTOMATED DATA REVIEW SUMMARY for 09111483

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91130TOCS1	NA	NA	OA11	SE	OA1101200953-55	0911148348		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200949-51	0911148347		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200937-39	0911148344		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200941-43	0911148345		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200945-47	0911148346		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200933-35	0911148343		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200925-27	0911148341		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200929-31	0911148342		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200969-71	0911148352		11/17/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA11	SE	OA1101200973	0911148353		11/17/2009 12:00	11/30/2009 1:47	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA1101200957-59 / SD	1	p,p'-DDD	202	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA1101200957-59 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	43.9	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA1101200957-59 / SD	1	p,p'-DDD	63.2	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA1101200957-59 / SD	1	p,p'-DDE	31.6	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	Blank	P091121L12ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	4.4	ug/kg	U/None	< 1.9	< 17	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	17.0	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	17.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	17.0	12.0 J	12.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200901	N	2,2',5-TRICHLOROBIPHENYL	17.0	12.0 J	12.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200901	N	2,4,4'-TRICHLOROBIPHENYL	17.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.8	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.8	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200903	N	2,2',5-TRICHLOROBIPHENYL	8.8	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200903	N	2,4,4'-TRICHLOROBIPHENYL	8.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	PCB-138/158	8.1	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,2',5-TRICHLOROBIPHENYL	8.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,4,4'-TRICHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	4.6 J	4.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	13.0	13.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	9.6	9.6 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200907	N	2,2',5-TRICHLOROBIPHENYL	8.1	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	2,4,4'-TRICHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.4	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	8.8	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.8	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.8	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,2',5-TRICHLOROBIPHENYL	8.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.8	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	4.7 J	4.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.1	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	2,2',5-TRICHLOROBIPHENYL	9.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	2,4,4'-TRICHLOROBIPHENYL	9.1	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.3	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.3	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.3	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.3	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	6.9 J	6.9 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	16.0	16.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	20.0	20.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	PCB-138/158	10.0	17.0	17.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	26.0	26.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	11.0	11.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	4.3 J	4.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	28.0	28.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	22.0	22.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',5-TRICHLOROBIPHENYL	10.0	14.0	14.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,4,4'-TRICHLOROBIPHENYL	10.0	12.0	12.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,4'-DICHLOROBIPHENYL	11.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	13.0	13.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	8.9 J	8.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	35.0	35.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	47.0	47.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	PCB-138/158	11.0	38.0	38.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	60.0	60.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	62.0	62.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	68.0	68.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	6.3 J	6.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',5-TRICHLOROBIPHENYL	11.0	33.0	33.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,4,4'-TRICHLOROBIPHENYL	11.0	26.0	26.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200933-35	N	2,4'-DICHLOROBIPHENYL	14.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200933-35	N	2,3,4,4',5-Pentachlorobiphenyl	14.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200933-35	N	2',3,4,4',5-PENTACHLOROBIPHENYL	14.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200933-35	N	2,3,3',4,4',5'-Hexachlorobiphenyl	14.0	13.0 J	13.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200937-39	N	2,4'-DICHLOROBIPHENYL	12.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200937-39	N	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200937-39	N	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,4'-DICHLOROBIPHENYL	11.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	32.0	32.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	37.0	37.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	PCB-138/158	11.0	35.0	35.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	5.4 J	5.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	45.0	45.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	39.0	39.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	48.0	48.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	34.0	34.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.9	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.9	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.9	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.9	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.9	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.9	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,4,4'-TRICHLOROBIPHENYL	8.9	6.9 J	6.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',5-TRICHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,2',5-TRICHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	PCB-138/158	7.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	6.3 J	6.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200961-63	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,2',5-TRICHLOROBIPHENYL	7.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,4,4'-TRICHLOROBIPHENYL	7.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,2',5-TRICHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,4,4'-TRICHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1101200901	N	p,p'-DDD	17.0	440	440 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200903	N	p,p'-DDE	44.0	2200 D	2200 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200905	N	o,p'-DDE	8.1	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.1	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200907	N	p,p'-DDD	8.1	400	400 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	o,p'-DDD	8.4	18.0	18.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	p,p'-DDD	8.4	86.0	86.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	o,p'-DDE	8.4	140	140 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	p,p'-DDE	42.0	1100 D	1100 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	240	240 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1101200909-11	N	1,1-bis(p-chlorophenyl)ethane	8.4	37.0	37.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	o,p'-DDT	8.4	7.5 J	7.5 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200909-11	N	p,p'-DDT	8.4	68.0	68.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200913-15	N	p,p'-DDE	44.0	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200913-15	N	p,p'-DDT	8.8	230	230 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200917-19	N	o,p'-DDD	9.1	40.0	40.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200917-19	N	p,p'-DDD	9.1	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200917-19	N	o,p'-DDE	9.1	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.1	500	500 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200917-19	N	p,p'-DDT	9.1	29.0	29.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200921-23	N	p,p'-DDD	9.3	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200921-23	N	o,p'-DDE	9.3	320	320 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200925-27	N	p,p'-DDD	10.0	490	490 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200925-27	N	p,p'-DDE	100	4800 D	4800 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200925-27	N	p,p'-DDT	10.0	63.0	63.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200929-31	N	p,p'-DDD	11.0	890	890 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200933-35	N	o,p'-DDE	700	8700 D	8700 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200933-35	N	p,p'-DDE	700	41000 D	41000 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	700	10000 D	10000 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200933-35	N	p,p'-DDT	14.0	88.0	88.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1200	12000 D	12000 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200937-39	N	1,1-bis(p-chlorophenyl)ethane	1200	930 DJ	930 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200937-39	N	p,p'-DDT	12.0	40.0	40.0 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1101200941-43	N	p,p'-DDD	570	2700 D	2700 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	570	4000 D	4000 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200941-43	N	o,p'-DDT	11.0	28.0	28.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200941-43	N	p,p'-DDT	11.0	74.0	74.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200945-47	N	p,p'-DDD	200	1100 D	1100 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	200	1900 D	1900 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200945-47	N	o,p'-DDT	9.9	94.0	94.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200945-47	N	p,p'-DDT	200	6000 D	6000 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200949-51	N	o,p'-DDT	8.9	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200949-51	N	p,p'-DDT	8.9	43.0	43.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200953-55	N	p,p'-DDD	7.5	290	290 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200953-55	N	1,1-bis(p-chlorophenyl)ethane	7.5	54.0	54.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200957-59	N	p,p'-DDD	7.3	59.0	59.0 J	ug/kg	MD2D3
BNASIM/NONE	SE	OA1101200957-59	N	o,p'-DDE	7.3	51.0	51.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200957-59	N	p,p'-DDE	7.3	250	250 J	ug/kg	D2D3
BNASIM/NONE	SE	OA1101200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	220	220 J	ug/kg	D2D3
BNASIM/NONE	SE	OA1101200957-59	N	1,1-bis(p-chlorophenyl)ethane	7.3	32.0	32.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200957-59	N	o,p'-DDT	7.3	4.4 J	4.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200957-59	N	p,p'-DDT	7.3	54.0	54.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200961-63	N	o,p'-DDE	7.4	64.0	64.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200961-63	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	270	270 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200961-63	N	p,p'-DDT	7.4	7.4 U	7.4 UJ	ug/kg	D3
BNASIM/NONE	SE	OA1101200965-67	N	p,p'-DDD	7.1	7.2	7.2 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1101200965-67	N	o,p'-DDE	7.1	11.0	11.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200965-67	N	p,p'-DDE	7.1	62.0	62.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200965-67	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	33.0	33.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200965-67	N	1,1-bis(p-chlorophenyl)ethane	7.1	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200969-71	N	o,p'-DDD	7.2	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200973	N	1,1-bis(p-chlorophenyl)ethane	7.0	5.9 J	5.9 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1101200903	N	Total Organic Carbon	0.088	3.1	3.1 J	PERCENT	D3
SW9060/NONE	SE	OA1101200921-23	N	Total Organic Carbon	0.093	1.5	1.5 J	PERCENT	D3
SW9060/NONE	SE	OA1101200925-27	N	Total Organic Carbon	0.10	5.5	5.5 J	PERCENT	D3
SW9060/NONE	SE	OA1101200933-35	N	Total Organic Carbon	0.14	11.0	11.0 J	PERCENT	D3
SW9060/NONE	SE	OA1101200937-39	N	Total Organic Carbon	0.12	9.4	9.4 J	PERCENT	D3
SW9060/NONE	SE	OA1101200945-47	N	Total Organic Carbon	0.099	6.1	6.1 J	PERCENT	D3
SW9060/NONE	SE	OA1101200949-51	N	Total Organic Carbon	0.089	3.9	3.9 J	PERCENT	D3
SW9060/NONE	SE	OA1101200953-55	N	Total Organic Carbon	0.075	2.1	2.1 J	PERCENT	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1101200901	N	o,p'-DDD	17.0	72.0	72.0	ug/kg	
BNASIM/NONE	SE	OA1101200901	N	p,p'-DDD	17.0	440	440 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200901	N	o,p'-DDE	17.0	430	430	ug/kg	
BNASIM/NONE	SE	OA1101200901	N	p,p'-DDE	84.0	2900 D	2900	ug/kg	
BNASIM/NONE	SE	OA1101200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	17.0	600	600	ug/kg	
BNASIM/NONE	SE	OA1101200901	N	1,1-bis(p-chlorophenyl)ethane	17.0	73.0	73.0	ug/kg	
BNASIM/NONE	SE	OA1101200901	N	p,p'-DDT	17.0	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA1101200903	N	o,p'-DDD	8.8	47.0	47.0	ug/kg	
BNASIM/NONE	SE	OA1101200903	N	p,p'-DDD	8.8	240	240	ug/kg	
BNASIM/NONE	SE	OA1101200903	N	o,p'-DDE	8.8	380	380	ug/kg	
BNASIM/NONE	SE	OA1101200903	N	p,p'-DDE	44.0	2200 D	2200 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.8	620	620	ug/kg	
BNASIM/NONE	SE	OA1101200903	N	1,1-bis(p-chlorophenyl)ethane	8.8	66.0	66.0	ug/kg	
BNASIM/NONE	SE	OA1101200903	N	o,p'-DDT	8.8	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA1101200903	N	p,p'-DDT	8.8	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA1101200905	N	o,p'-DDD	8.1	42.0	42.0	ug/kg	
BNASIM/NONE	SE	OA1101200905	N	p,p'-DDD	8.1	260	260	ug/kg	
BNASIM/NONE	SE	OA1101200905	N	o,p'-DDE	8.1	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200905	N	p,p'-DDE	41.0	810 D	810	ug/kg	
BNASIM/NONE	SE	OA1101200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.1	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200905	N	1,1-bis(p-chlorophenyl)ethane	8.1	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA1101200905	N	p,p'-DDT	8.1	14.0	14.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1101200907	N	o,p'-DDD	8.1	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA1101200907	N	p,p'-DDD	8.1	400	400 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200907	N	o,p'-DDE	8.1	190	190	ug/kg	
BNASIM/NONE	SE	OA1101200907	N	p,p'-DDE	41.0	910 D	910	ug/kg	
BNASIM/NONE	SE	OA1101200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.1	300	300	ug/kg	
BNASIM/NONE	SE	OA1101200907	N	1,1-bis(p-chlorophenyl)ethane	8.1	34.0	34.0	ug/kg	
BNASIM/NONE	SE	OA1101200909-11	N	o,p'-DDD	8.4	18.0	18.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	p,p'-DDD	8.4	86.0	86.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	o,p'-DDE	8.4	140	140 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	p,p'-DDE	42.0	1100 D	1100 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	240	240 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	1,1-bis(p-chlorophenyl)ethane	8.4	37.0	37.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200909-11	N	o,p'-DDT	8.4	7.5 J	7.5 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200909-11	N	p,p'-DDT	8.4	68.0	68.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200913-15	N	o,p'-DDD	8.8	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA1101200913-15	N	p,p'-DDD	8.8	260	260	ug/kg	
BNASIM/NONE	SE	OA1101200913-15	N	o,p'-DDE	8.8	250	250	ug/kg	
BNASIM/NONE	SE	OA1101200913-15	N	p,p'-DDE	44.0	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.8	460	460	ug/kg	
BNASIM/NONE	SE	OA1101200913-15	N	1,1-bis(p-chlorophenyl)ethane	8.8	83.0	83.0	ug/kg	
BNASIM/NONE	SE	OA1101200913-15	N	o,p'-DDT	8.8	9.8	9.8	ug/kg	
BNASIM/NONE	SE	OA1101200913-15	N	p,p'-DDT	8.8	230	230 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1101200917-19	N	o,p'-DDD	9.1	40.0	40.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200917-19	N	p,p'-DDD	9.1	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200917-19	N	o,p'-DDE	9.1	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200917-19	N	p,p'-DDE	91.0	3300 D	3300	ug/kg	
BNASIM/NONE	SE	OA1101200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.1	500	500 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200917-19	N	1,1-bis(p-chlorophenyl)ethane	9.1	100	100	ug/kg	
BNASIM/NONE	SE	OA1101200917-19	N	o,p'-DDT	9.1	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA1101200917-19	N	p,p'-DDT	9.1	29.0	29.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200921-23	N	o,p'-DDD	9.3	44.0	44.0	ug/kg	
BNASIM/NONE	SE	OA1101200921-23	N	p,p'-DDD	9.3	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200921-23	N	o,p'-DDE	9.3	320	320 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200921-23	N	p,p'-DDE	47.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA1101200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.3	760	760	ug/kg	
BNASIM/NONE	SE	OA1101200921-23	N	1,1-bis(p-chlorophenyl)ethane	9.3	110	110	ug/kg	
BNASIM/NONE	SE	OA1101200921-23	N	o,p'-DDT	9.3	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA1101200921-23	N	p,p'-DDT	9.3	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA1101200925-27	N	o,p'-DDD	10.0	120	120	ug/kg	
BNASIM/NONE	SE	OA1101200925-27	N	p,p'-DDD	10.0	490	490 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200925-27	N	o,p'-DDE	10.0	970	970	ug/kg	
BNASIM/NONE	SE	OA1101200925-27	N	p,p'-DDE	100	4800 D	4800 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	100	1800 D	1800	ug/kg	
BNASIM/NONE	SE	OA1101200925-27	N	1,1-bis(p-chlorophenyl)ethane	10.0	250	250	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1101200925-27	N	o,p'-DDT	10.0	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1101200925-27	N	p,p'-DDT	10.0	63.0	63.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200929-31	N	o,p'-DDD	11.0	170	170	ug/kg	
BNASIM/NONE	SE	OA1101200929-31	N	p,p'-DDD	11.0	890	890 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200929-31	N	o,p'-DDE	220	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA1101200929-31	N	p,p'-DDE	220	8600 D	8600	ug/kg	
BNASIM/NONE	SE	OA1101200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	220	2200 D	2200	ug/kg	
BNASIM/NONE	SE	OA1101200929-31	N	1,1-bis(p-chlorophenyl)ethane	11.0	390	390	ug/kg	
BNASIM/NONE	SE	OA1101200929-31	N	o,p'-DDT	11.0	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1101200929-31	N	p,p'-DDT	11.0	110	110	ug/kg	
BNASIM/NONE	SE	OA1101200933-35	N	o,p'-DDD	14.0	470	470	ug/kg	
BNASIM/NONE	SE	OA1101200933-35	N	p,p'-DDD	700	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA1101200933-35	N	o,p'-DDE	700	8700 D	8700 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200933-35	N	p,p'-DDE	700	41000 D	41000 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	700	10000 D	10000 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200933-35	N	1,1-bis(p-chlorophenyl)ethane	700	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA1101200933-35	N	o,p'-DDT	14.0	48.0	48.0	ug/kg	
BNASIM/NONE	SE	OA1101200933-35	N	p,p'-DDT	14.0	88.0	88.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200937-39	N	o,p'-DDD	12.0	630	630	ug/kg	
BNASIM/NONE	SE	OA1101200937-39	N	p,p'-DDD	1200	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA1101200937-39	N	o,p'-DDE	1200	7500 D	7500	ug/kg	
BNASIM/NONE	SE	OA1101200937-39	N	p,p'-DDE	1200	35000 D	35000	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1101200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1200	12000 D	12000 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200937-39	N	1,1-bis(p-chlorophenyl)ethane	1200	930 DJ	930 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200937-39	N	o,p'-DDT	12.0	42.0	42.0	ug/kg	
BNASIM/NONE	SE	OA1101200937-39	N	p,p'-DDT	12.0	40.0	40.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200941-43	N	o,p'-DDD	11.0	500	500	ug/kg	
BNASIM/NONE	SE	OA1101200941-43	N	p,p'-DDD	570	2700 D	2700 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200941-43	N	o,p'-DDE	570	3300 D	3300	ug/kg	
BNASIM/NONE	SE	OA1101200941-43	N	p,p'-DDE	570	17000 D	17000	ug/kg	
BNASIM/NONE	SE	OA1101200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	570	4000 D	4000 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200941-43	N	1,1-bis(p-chlorophenyl)ethane	11.0	490	490	ug/kg	
BNASIM/NONE	SE	OA1101200941-43	N	o,p'-DDT	11.0	28.0	28.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200941-43	N	p,p'-DDT	11.0	74.0	74.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200945-47	N	o,p'-DDD	9.9	210	210	ug/kg	
BNASIM/NONE	SE	OA1101200945-47	N	p,p'-DDD	200	1100 D	1100 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200945-47	N	o,p'-DDE	200	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA1101200945-47	N	p,p'-DDE	200	7100 D	7100	ug/kg	
BNASIM/NONE	SE	OA1101200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	200	1900 D	1900 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200945-47	N	1,1-bis(p-chlorophenyl)ethane	9.9	300	300	ug/kg	
BNASIM/NONE	SE	OA1101200945-47	N	o,p'-DDT	9.9	94.0	94.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200945-47	N	p,p'-DDT	200	6000 D	6000 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200949-51	N	o,p'-DDD	8.9	92.0	92.0	ug/kg	
BNASIM/NONE	SE	OA1101200949-51	N	p,p'-DDD	89.0	1100 D	1100	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1101200949-51	N	o,p'-DDE	8.9	360	360	ug/kg	
BNASIM/NONE	SE	OA1101200949-51	N	p,p'-DDE	89.0	2400 D	2400	ug/kg	
BNASIM/NONE	SE	OA1101200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	580	580	ug/kg	
BNASIM/NONE	SE	OA1101200949-51	N	1,1-bis(p-chlorophenyl)ethane	8.9	230	230	ug/kg	
BNASIM/NONE	SE	OA1101200949-51	N	o,p'-DDT	8.9	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200949-51	N	p,p'-DDT	8.9	43.0	43.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200953-55	N	o,p'-DDD	7.5	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA1101200953-55	N	p,p'-DDD	7.5	290	290 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200953-55	N	o,p'-DDE	7.5	78.0	78.0	ug/kg	
BNASIM/NONE	SE	OA1101200953-55	N	p,p'-DDE	7.5	540	540	ug/kg	
BNASIM/NONE	SE	OA1101200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	190	190	ug/kg	
BNASIM/NONE	SE	OA1101200953-55	N	1,1-bis(p-chlorophenyl)ethane	7.5	54.0	54.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200953-55	N	p,p'-DDT	7.5	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA1101200957-59	N	o,p'-DDD	7.3	8.9	8.9	ug/kg	
BNASIM/NONE	SE	OA1101200957-59	N	p,p'-DDD	7.3	59.0	59.0 J	ug/kg	MD2D3
BNASIM/NONE	SE	OA1101200957-59	N	o,p'-DDE	7.3	51.0	51.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200957-59	N	p,p'-DDE	7.3	250	250 J	ug/kg	D2D3
BNASIM/NONE	SE	OA1101200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	220	220 J	ug/kg	D2D3
BNASIM/NONE	SE	OA1101200957-59	N	1,1-bis(p-chlorophenyl)ethane	7.3	32.0	32.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200957-59	N	o,p'-DDT	7.3	4.4 J	4.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200957-59	N	p,p'-DDT	7.3	54.0	54.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200961-63	N	o,p'-DDD	7.4	13.0	13.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1101200961-63	N	p,p'-DDD	7.4	64.0	64.0	ug/kg	
BNASIM/NONE	SE	OA1101200961-63	N	o,p'-DDE	7.4	64.0	64.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200961-63	N	p,p'-DDE	7.4	280	280	ug/kg	
BNASIM/NONE	SE	OA1101200961-63	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	270	270 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200961-63	N	1,1-bis(p-chlorophenyl)ethane	7.4	35.0	35.0	ug/kg	
BNASIM/NONE	SE	OA1101200965-67	N	p,p'-DDD	7.1	7.2	7.2 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200965-67	N	o,p'-DDE	7.1	11.0	11.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200965-67	N	p,p'-DDE	7.1	62.0	62.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200965-67	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	33.0	33.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1101200965-67	N	1,1-bis(p-chlorophenyl)ethane	7.1	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200969-71	N	o,p'-DDD	7.2	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	OA1101200969-71	N	p,p'-DDD	7.2	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA1101200969-71	N	o,p'-DDE	7.2	38.0	38.0	ug/kg	
BNASIM/NONE	SE	OA1101200969-71	N	p,p'-DDE	7.2	150	150	ug/kg	
BNASIM/NONE	SE	OA1101200969-71	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	180	180	ug/kg	
BNASIM/NONE	SE	OA1101200969-71	N	1,1-bis(p-chlorophenyl)ethane	7.2	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA1101200973	N	p,p'-DDD	7.0	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA1101200973	N	o,p'-DDE	7.0	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA1101200973	N	p,p'-DDE	7.0	52.0	52.0	ug/kg	
BNASIM/NONE	SE	OA1101200973	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	38.0	38.0	ug/kg	
BNASIM/NONE	SE	OA1101200973	N	1,1-bis(p-chlorophenyl)ethane	7.0	5.9 J	5.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	17.0	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	17.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	17.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1101200901	N	2,3',4,4',5-Pentachlorobiphenyl	17.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1101200901	N	PCB-138/158	17.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1101200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	17.0	33.0 B	33.0	ug/kg	
PCBSIM/NONE	SE	OA1101200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	17.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1101200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	17.0	12.0 J	12.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	17.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1101200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	17.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1101200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	17.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1101200901	N	2,2',5-TRICHLOROBIPHENYL	17.0	12.0 J	12.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200901	N	2,4,4'-TRICHLOROBIPHENYL	17.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.8	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1101200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1101200903	N	PCB-138/158	8.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1101200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.8	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1101200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.8	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200903	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.8	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	OA1101200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	11.0	11.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.8	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1101200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1101200903	N	2,2',5-TRICHLOROBIPHENYL	8.8	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200903	N	2,4,4'-TRICHLOROBIPHENYL	8.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	OA1101200905	N	PCB-138/158	8.1	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1101200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	OA1101200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,2',5-TRICHLOROBIPHENYL	8.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200905	N	2,4,4'-TRICHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1101200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1101200907	N	PCB-138/158	8.1	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1101200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.1	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1101200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1101200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	13.0	13.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	9.6	9.6 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200907	N	2,2',5-TRICHLOROBIPHENYL	8.1	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200907	N	2,4,4'-TRICHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA1101200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1101200909-11	N	PCB-138/158	8.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1101200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1101200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	OA1101200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1101200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.4	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	8.8	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.8	6.9 J	6.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.8	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,2',5-TRICHLOROBIPHENYL	8.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.8	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.1	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1101200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	9.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1101200917-19	N	PCB-138/158	9.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1101200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1101200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.1	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1101200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1101200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1101200917-19	N	2,2',5-TRICHLOROBIPHENYL	9.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200917-19	N	2,4,4'-TRICHLOROBIPHENYL	9.1	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.3	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.3	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.3	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.3	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA1101200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	9.3	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1101200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	PCB-138/158	9.3	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1101200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.3	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.3	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA1101200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.3	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1101200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.3	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.3	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.3	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	OA1101200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.3	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA1101200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200921-23	N	2,2',5-TRICHLOROBIPHENYL	9.3	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1101200921-23	N	2,4,4'-TRICHLOROBIPHENYL	9.3	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	6.9 J	6.9 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	16.0	16.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	20.0	20.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200925-27	N	PCB-138/158	10.0	17.0	17.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	26.0	26.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	11.0	11.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	28.0	28.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	22.0	22.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200925-27	N	2,2',5-TRICHLOROBIPHENYL	10.0	14.0	14.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200925-27	N	2,4,4'-TRICHLOROBIPHENYL	10.0	12.0	12.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,4'-DICHLOROBIPHENYL	11.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	13.0	13.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	8.9 J	8.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	35.0	35.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	47.0	47.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	PCB-138/158	11.0	38.0	38.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	60.0	60.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	62.0	62.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	68.0	68.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	55.0	55.0	ug/kg	
PCBSIM/NONE	SE	OA1101200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200929-31	N	2,2',5-TRICHLOROBIPHENYL	11.0	33.0	33.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200929-31	N	2,4,4'-TRICHLOROBIPHENYL	11.0	26.0	26.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200933-35	N	2,4'-DICHLOROBIPHENYL	14.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	14.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	14.0	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	14.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	14.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	14.0	96.0	96.0	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,3,4,4',5-Pentachlorobiphenyl	14.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	14.0	120	120	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2',3,4,4',5-PENTACHLOROBIPHENYL	14.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200933-35	N	PCB-138/158	14.0	100	100	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	14.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,3,3',4,4',5'-Hexachlorobiphenyl	14.0	13.0 J	13.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	14.0	170	170	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	14.0	63.0	63.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200933-35	N	3,3',4,4',5-PENTACHLOROBIPHENYL	14.0	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	14.0	150	150	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	14.0	170	170	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	14.0	140	140	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	3,3',4,4'-TETRACHLOROBIPHENYL	14.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,2',5-TRICHLOROBIPHENYL	14.0	87.0	87.0	ug/kg	
PCBSIM/NONE	SE	OA1101200933-35	N	2,4,4'-TRICHLOROBIPHENYL	14.0	67.0	67.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2,4'-DICHLOROBIPHENYL	12.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	60.0	60.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	12.0	71.0	71.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200937-39	N	PCB-138/158	12.0	65.0	65.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200937-39	N	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	89.0	89.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	71.0	71.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	93.0	93.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	61.0	61.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200937-39	N	2,2',5-TRICHLOROBIPHENYL	12.0	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	OA1101200937-39	N	2,4,4'-TRICHLOROBIPHENYL	12.0	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA1101200941-43	N	2,4'-DICHLOROBIPHENYL	11.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	32.0	32.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	37.0	37.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	PCB-138/158	11.0	35.0	35.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	45.0	45.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1101200941-43	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	39.0	39.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	48.0	48.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	34.0	34.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1101200941-43	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200941-43	N	2,2',5-TRICHLOROBIPHENYL	11.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1101200941-43	N	2,4,4'-TRICHLOROBIPHENYL	11.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.9	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.9	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.9	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.9	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.9	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA1101200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	9.9	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1101200945-47	N	PCB-138/158	9.9	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA1101200945-47	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.9	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.9	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.9	37.0	37.0	ug/kg	
PCBSIM/NONE	SE	OA1101200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.9	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1101200945-47	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.9	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.9	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA1101200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.9	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1101200945-47	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200945-47	N	2,2',5-TRICHLOROBIPHENYL	9.9	16.0	16.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200945-47	N	2,4,4'-TRICHLOROBIPHENYL	9.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1101200949-51	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1101200949-51	N	PCB-138/158	8.9	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1101200949-51	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.9	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1101200949-51	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1101200949-51	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1101200949-51	N	2,2',5-TRICHLOROBIPHENYL	8.9	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	OA1101200949-51	N	2,4,4'-TRICHLOROBIPHENYL	8.9	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	4.8 J	4.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200953-55	N	2,2',5-TRICHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200957-59	N	2,2',5-TRICHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	PCB-138/158	7.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	OA1101200961-63	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,2',5-TRICHLOROBIPHENYL	7.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200961-63	N	2,4,4'-TRICHLOROBIPHENYL	7.4	3.8 J	3.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1101200969-71	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	7.5	7.5	ug/kg	
PCBSIM/NONE	SE	OA1101200969-71	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	7.7	7.7	ug/kg	
PCBSIM/NONE	SE	OA1101200969-71	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,2',5-TRICHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1101200969-71	N	2,4,4'-TRICHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1101200901	N	Moisture	0.10	70.1	70.1	PERCENT	
D2216/NONE	SE	OA1101200903	N	Moisture	0.10	43.4	43.4	PERCENT	
D2216/NONE	SE	OA1101200905	N	Moisture	0.10	38.6	38.6	PERCENT	
D2216/NONE	SE	OA1101200907	N	Moisture	0.10	38.6	38.6	PERCENT	
D2216/NONE	SE	OA1101200909-11	N	Moisture	0.10	40.2	40.2	PERCENT	
D2216/NONE	SE	OA1101200913-15	N	Moisture	0.10	42.9	42.9	PERCENT	
D2216/NONE	SE	OA1101200917-19	N	Moisture	0.10	45.0	45.0	PERCENT	
D2216/NONE	SE	OA1101200921-23	N	Moisture	0.10	46.5	46.5	PERCENT	
D2216/NONE	SE	OA1101200925-27	N	Moisture	0.10	51.3	51.3	PERCENT	
D2216/NONE	SE	OA1101200929-31	N	Moisture	0.10	53.5	53.5	PERCENT	
D2216/NONE	SE	OA1101200933-35	N	Moisture	0.10	64.5	64.5	PERCENT	
D2216/NONE	SE	OA1101200937-39	N	Moisture	0.10	59.4	59.4	PERCENT	
D2216/NONE	SE	OA1101200941-43	N	Moisture	0.10	55.8	55.8	PERCENT	
D2216/NONE	SE	OA1101200945-47	N	Moisture	0.10	49.4	49.4	PERCENT	
D2216/NONE	SE	OA1101200949-51	N	Moisture	0.10	43.6	43.6	PERCENT	
D2216/NONE	SE	OA1101200953-55	N	Moisture	0.10	32.9	32.9	PERCENT	
D2216/NONE	SE	OA1101200957-59	N	Moisture	0.10	31.7	31.7	PERCENT	
D2216/NONE	SE	OA1101200961-63	N	Moisture	0.10	32.6	32.6	PERCENT	
D2216/NONE	SE	OA1101200965-67	N	Moisture	0.10	29.7	29.7	PERCENT	
D2216/NONE	SE	OA1101200969-71	N	Moisture	0.10	30.2	30.2	PERCENT	
D2216/NONE	SE	OA1101200973	N	Moisture	0.10	29.0	29.0	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1101200901	N	Total Organic Carbon	0.17	3.3	3.3	PERCENT	
SW9060/NONE	SE	OA1101200903	N	Total Organic Carbon	0.088	3.1	3.1 J	PERCENT	D3
SW9060/NONE	SE	OA1101200905	N	Total Organic Carbon	0.081	2.7	2.7	PERCENT	
SW9060/NONE	SE	OA1101200907	N	Total Organic Carbon	0.081	2.8	2.8	PERCENT	
SW9060/NONE	SE	OA1101200909-11	N	Total Organic Carbon	0.084	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA1101200913-15	N	Total Organic Carbon	0.088	4.0	4.0	PERCENT	
SW9060/NONE	SE	OA1101200917-19	N	Total Organic Carbon	0.091	3.8	3.8	PERCENT	
SW9060/NONE	SE	OA1101200921-23	N	Total Organic Carbon	0.093	1.5	1.5 J	PERCENT	D3
SW9060/NONE	SE	OA1101200925-27	N	Total Organic Carbon	0.10	5.5	5.5 J	PERCENT	D3
SW9060/NONE	SE	OA1101200929-31	N	Total Organic Carbon	0.11	6.2	6.2	PERCENT	
SW9060/NONE	SE	OA1101200933-35	N	Total Organic Carbon	0.14	11.0	11.0 J	PERCENT	D3
SW9060/NONE	SE	OA1101200937-39	N	Total Organic Carbon	0.12	9.4	9.4 J	PERCENT	D3
SW9060/NONE	SE	OA1101200941-43	N	Total Organic Carbon	0.11	7.8	7.8	PERCENT	
SW9060/NONE	SE	OA1101200945-47	N	Total Organic Carbon	0.099	6.1	6.1 J	PERCENT	D3
SW9060/NONE	SE	OA1101200949-51	N	Total Organic Carbon	0.089	3.9	3.9 J	PERCENT	D3
SW9060/NONE	SE	OA1101200953-55	N	Total Organic Carbon	0.075	2.1	2.1 J	PERCENT	D3
SW9060/NONE	SE	OA1101200957-59	N	Total Organic Carbon	0.073	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA1101200961-63	N	Total Organic Carbon	0.074	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA1101200965-67	N	Total Organic Carbon	0.071	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA1101200969-71	N	Total Organic Carbon	0.072	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA1101200973	N	Total Organic Carbon	0.070	1.1	1.1	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111610

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Moisture by D2216**
   A laboratory duplicate (LR) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

3. **Total Organic Carbon by SW9060**
   A matrix spike (MS) and a LR were not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111610

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111610, Certified - 2/8/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 12-Feb-2010

Samples Included in SDG 09111610

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	12	0
D2216/NONE	12	0
PCBSIM/NONE	12	0
SW9060/NONE	12	0

AUTOMATED DATA REVIEW SUMMARY for 09111610

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111610. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

MS RPD

Surrogate

Blank

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Calibration Blank

Equip Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Confirmation Column Difference

Field Blank

Lab Replicate RPD

Calibration Blank - Negative

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09111610

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 11.42% (83 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

12-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111610

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122L01	091122L01	NA	LABQC	SQ	LABQC	0991301313		11/22/2009 12:00	12/05/2009 10:28	LB
	091122L01	NA	LABQC	SQ	LABQC	0991301313		11/22/2009 12:00	12/05/2009 10:51	BS
	091122L01	NA	LABQC	SQ	LABQC	0991301313		11/22/2009 12:00	12/05/2009 11:15	BD
091122S01	091122L01	NA	OA10	SE	OA1001200925-27	0911161024		11/18/2009 12:00	12/05/2009 11:39	MS
	091122L01	NA	OA10	SE	OA1001200925-27	0911161024		11/18/2009 12:00	12/05/2009 12:02	SD
	091122L01	NA	OA10	SE	OA1001200925-27	0911161024		11/18/2009 12:00	12/05/2009 12:26	N
	091122L01	NA	OA10	SE	OA1001200925-27	0911161024		11/18/2009 12:00	12/05/2009 12:26	N
	091122L01	NA	OA10	SE	OA1001200901	091116101		11/18/2009 12:00	12/05/2009 9:25	N
	091122L01	NA	OA10	SE	OA1001200901	091116101		11/18/2009 12:00	12/05/2009 9:25	N
	091122L01	NA	OA10	SE	OA1001200903	091116102		11/18/2009 12:00	12/05/2009 9:49	N
	091122L01	NA	OA10	SE	OA1001200903	091116102		11/18/2009 12:00	12/05/2009 9:49	N
	091122L01	NA	OA10	SE	OA1001200905	091116103		11/18/2009 12:00	12/05/2009 10:13	N
	091122L01	NA	OA10	SE	OA1001200905	091116103		11/18/2009 12:00	12/05/2009 10:13	N
	091122L01	NA	OA10	SE	OA1001200907	091116104		11/18/2009 12:00	12/05/2009 10:36	N
	091122L01	NA	OA10	SE	OA1001200907	091116104		11/18/2009 12:00	12/05/2009 10:36	N
	091122L01	NA	OA10	SE	OA1001200937	0911161019		11/18/2009 12:00	12/05/2009 11:00	N
	091122L01	NA	OA10	SE	OA1001200937	0911161019		11/18/2009 12:00	12/05/2009 11:00	N
	091122L01	NA	OA10	SE	OA1001200909-11	0911161020		11/18/2009 12:00	12/05/2009 11:23	N
	091122L01	NA	OA10	SE	OA1001200909-11	0911161020		11/18/2009 12:00	12/05/2009 11:23	N
	091122L01	NA	OA10	SE	OA1001200913-15	0911161021		11/18/2009 12:00	12/05/2009 11:47	N
	091122L01	NA	OA10	SE	OA1001200913-15	0911161021		11/18/2009 12:00	12/05/2009 11:47	N
	091122L01	NA	OA10	SE	OA1001200917-19	0911161022		11/18/2009 12:00	12/06/2009 12:10	N
	091122L01	NA	OA10	SE	OA1001200917-19	0911161022		11/18/2009 12:00	12/06/2009 12:10	N
	091122L01	NA	OA10	SE	OA1001200921-23	0911161023		11/18/2009 12:00	12/06/2009 12:34	N
	091122L01	NA	OA10	SE	OA1001200921-23	0911161023		11/18/2009 12:00	12/06/2009 12:34	N
091122S01P	091122L01	NA	OA10	SE	OA1001200929-31	0911161025		11/18/2009 12:00	12/06/2009 12:58	N
	091122L01	NA	OA10	SE	OA1001200929-31	0911161025		11/18/2009 12:00	12/06/2009 12:58	N

AUTOMATED DATA REVIEW SUMMARY for 09111610

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122S01	091122L01	NA	OA10	SE	OA1001200933-35	0911161026		11/18/2009 12:00	12/06/2009 1:21	N
	091122L01	NA	OA10	SE	OA1001200933-35	0911161026		11/18/2009 12:00	12/06/2009 1:21	N
	091122L01	NA	OA10	SE	OA1001200903	091116102		11/18/2009 12:00	12/07/2009 1:35	N
	091122L01	NA	OA10	SE	OA1001200905	091116103		11/18/2009 12:00	12/07/2009 1:59	N
	091122L01	NA	OA10	SE	OA1001200907	091116104		11/18/2009 12:00	12/07/2009 2:22	N
	091122L01	NA	OA10	SE	OA1001200909-11	0911161020		11/18/2009 12:00	12/07/2009 2:46	N
	091122L01	NA	OA10	SE	OA1001200913-15	0911161021		11/18/2009 12:00	12/07/2009 3:10	N
	091122L01	NA	OA10	SE	OA1001200917-19	0911161022		11/18/2009 12:00	12/07/2009 3:33	N

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOID8	NA	NA	OA10	SE	OA1001200929-31	0911161025		11/18/2009 12:00	11/21/2009 4:00	N
	NA	NA	OA10	SE	OA1001200921-23	0911161023		11/18/2009 12:00	11/21/2009 4:00	N
	NA	NA	OA10	SE	OA1001200925-27	0911161024		11/18/2009 12:00	11/21/2009 4:00	N
	NA	NA	OA10	SE	OA1001200917-19	0911161022		11/18/2009 12:00	11/21/2009 4:00	N
	NA	NA	OA10	SE	OA1001200913-15	0911161021		11/18/2009 12:00	11/21/2009 4:00	N
	NA	NA	OA10	SE	OA1001200909-11	0911161020		11/18/2009 12:00	11/21/2009 4:00	N
	NA	NA	OA10	SE	OA1001200907	091116104		11/18/2009 12:00	11/21/2009 4:00	N
	NA	NA	OA10	SE	OA1001200905	091116103		11/18/2009 12:00	11/21/2009 4:00	N
	NA	NA	OA10	SE	OA1001200903	091116102		11/18/2009 12:00	11/21/2009 4:00	N
	NA	NA	OA10	SE	OA1001200901	091116101		11/18/2009 12:00	11/21/2009 4:00	N
91121MOIB8	NA	NA	LABQC	SQ	LABQC	099050141583		11/21/2009 4:00	11/21/2009 4:00	LB
91121MOID8	NA	NA	OA10	SE	OA1001200933-35	0911161026		11/18/2009 12:00	11/21/2009 4:00	N
	NA	NA	OA10	SE	OA1001200937	0911161019		11/18/2009 12:00	11/21/2009 4:00	N

AUTOMATED DATA REVIEW SUMMARY for 09111610

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122L05A	091122L05A	NA	LABQC	SQ	LABQC	0991301733		11/22/2009 12:00	12/04/2009 7:03	BS
	091122L05A	NA	LABQC	SQ	LABQC	0991301733		11/22/2009 12:00	12/04/2009 7:33	BD
091122S05	091122L05A	NA	OA10	SE	OA1001200933-35	0911161026		11/18/2009 12:00	12/04/2009 8:03	MS
	091122L05A	NA	OA10	SE	OA1001200933-35	0911161026		11/18/2009 12:00	12/04/2009 8:34	SD
	091122L05A	NA	OA10	SE	OA1001200901	091116101		11/18/2009 12:00	12/04/2009 9:36	N
	091122L05A	NA	OA10	SE	OA1001200901	091116101		11/18/2009 12:00	12/04/2009 9:36	N
	091122L05A	NA	OA10	SE	OA1001200903	091116102		11/18/2009 12:00	12/04/2009 10:07	N
	091122L05A	NA	OA10	SE	OA1001200903	091116102		11/18/2009 12:00	12/04/2009 10:07	N
	091122L05A	NA	OA10	SE	OA1001200905	091116103		11/18/2009 12:00	12/04/2009 10:37	N
	091122L05A	NA	OA10	SE	OA1001200905	091116103		11/18/2009 12:00	12/04/2009 10:37	N
091122L05A	091122L05A	NA	LABQC	SQ	LABQC	0991301733		11/22/2009 12:00	12/12/2009 1:15	LB
091213L04	091213L04	NA	LABQC	SQ	LABQC	0991301782		12/13/2009 12:00	12/29/2009 2:37	LB
	091213L04	NA	LABQC	SQ	LABQC	0991301782		12/13/2009 12:00	12/29/2009 3:07	BS
	091213L04	NA	LABQC	SQ	LABQC	0991301782		12/13/2009 12:00	12/29/2009 3:36	BD
091213S04	091213L04	NA	OA10	SE	OA1001200907	091116104		11/18/2009 12:00	12/29/2009 6:40	N
	091213L04	NA	OA10	SE	OA1001200937	0911161019		11/18/2009 12:00	12/29/2009 7:10	N
	091213L04	NA	OA10	SE	OA1001200909-11	0911161020		11/18/2009 12:00	12/29/2009 8:40	N
	091213L04	NA	OA10	SE	OA1001200913-15	0911161021		11/18/2009 12:00	12/29/2009 9:10	N
	091213L04	NA	OA10	SE	OA1001200917-19	0911161022		11/18/2009 12:00	12/29/2009 9:42	N
	091213L04	NA	OA10	SE	OA1001200921-23	0911161023		11/18/2009 12:00	12/29/2009 10:11	N
	091213L04	NA	OA10	SE	OA1001200925-27	0911161024		11/18/2009 12:00	12/29/2009 10:41	N
	091213L04	NA	OA10	SE	OA1001200929-31	0911161025		11/18/2009 12:00	12/29/2009 11:11	N
	091213L04	NA	OA10	SE	OA1001200933-35	0911161026		11/18/2009 12:00	12/29/2009 11:41	N
	091213L04	NA	OA10	SE	OA1001200917-19	0911161022		11/18/2009 12:00	12/30/2009 12:39	SD
	091213L04	NA	OA10	SE	OA1001200917-19	0911161022		11/18/2009 12:00	12/30/2009 2:05	MS

AUTOMATED DATA REVIEW SUMMARY for 09111610

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91130TOCS1	NA	NA	OA10	SE	OA1001200909-11	0911161020		11/18/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA10	SE	OA1001200913-15	0911161021		11/18/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA10	SE	OA1001200907	091116104		11/18/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA10	SE	OA1001200905	091116103		11/18/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA10	SE	OA1001200903	091116102		11/18/2009 12:00	11/30/2009 1:47	N
	NA	NA	OA10	SE	OA1001200901	091116101		11/18/2009 12:00	11/30/2009 1:47	N
91130TOCL1	NA	NA	LABQC	SQ	LABQC	09906013421		11/30/2009 1:47	11/30/2009 1:47	BS
	NA	NA	LABQC	SQ	LABQC	09906013421		11/30/2009 1:47	11/30/2009 1:47	LB
91130TOCS1	NA	NA	OA10	SE	OA1001200937	0911161019		11/18/2009 12:00	11/30/2009 1:47	N
91202TOCS1	NA	NA	OA10	SE	OA1001200933-35	0911161026		11/18/2009 12:00	12/02/2009 6:26	N
91202TOCL1	NA	NA	LABQC	SQ	LABQC	09906013422		12/02/2009 6:26	12/02/2009 6:26	BS
	NA	NA	LABQC	SQ	LABQC	09906013422		12/02/2009 6:26	12/02/2009 6:26	LB
91202TOCS1	NA	NA	OA10	SE	OA1001200917-19	0911161022		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA10	SE	OA1001200929-31	0911161025		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA10	SE	OA1001200925-27	0911161024		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA10	SE	OA1001200921-23	0911161023		11/18/2009 12:00	12/02/2009 6:26	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA1001200925-27 / SD	1	p,p'-DDD	136	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1001200925-27 / SD	1	p,p'-DDE	133	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA1001200925-27 / SD	1	p,p'-DDT	35.6	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	Blank	P091122L05ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	4.2	ug/kg	U/None	< 1.9	< 8.6	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1001200901	N	p,p'-DDD	10.0	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200901	N	p,p'-DDT	10.0	75.0	75.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200903	N	p,p'-DDD	8.9	330	330 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200903	N	o,p'-DDE	8.9	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200903	N	p,p'-DDE	44.0	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	340	340 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200903	N	p,p'-DDT	8.9	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200905	N	o,p'-DDD	8.6	67.0	67.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200905	N	o,p'-DDE	8.6	360	360 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200905	N	p,p'-DDE	43.0	2200 D	2200 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.6	700	700 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200905	N	1,1-bis(p-chlorophenyl)ethane	8.6	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	o,p'-DDD	8.5	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	p,p'-DDD	85.0	920 D	920 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	o,p'-DDE	8.5	690	690 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	p,p'-DDE	85.0	3600 D	3600 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	85.0	1700 D	1700 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	1,1-bis(p-chlorophenyl)ethane	8.5	300	300 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	p,p'-DDT	8.5	250	250 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	o,p'-DDD	8.8	250	250 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	p,p'-DDD	88.0	1200 D	1200 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	o,p'-DDE	88.0	1000 D	1000 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1001200909-11	N	p,p'-DDE	88.0	5900 D	5900 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	88.0	2200 D	2200 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	1,1-bis(p-chlorophenyl)ethane	8.8	600	600 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200913-15	N	o,p'-DDD	8.5	140	140 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200913-15	N	o,p'-DDE	8.5	800	800 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200913-15	N	p,p'-DDE	85.0	4300 D	4300 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	85.0	1700 D	1700 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200913-15	N	1,1-bis(p-chlorophenyl)ethane	8.5	390	390 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200913-15	N	o,p'-DDT	8.5	6.2 J	6.2 J	ug/kg	TR
BNASIM/NONE	SE	OA1001200917-19	N	o,p'-DDD	7.5	41.0	41.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200917-19	N	p,p'-DDD	7.5	190	190 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200917-19	N	o,p'-DDE	7.5	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200917-19	N	p,p'-DDE	37.0	620 D	620 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	450	450 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.5	91.0	91.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200917-19	N	p,p'-DDT	7.5	7.5 U	7.5 UJ	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	o,p'-DDD	7.1	7.4	7.4 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	p,p'-DDD	7.1	24.0	24.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	o,p'-DDE	7.1	50.0	50.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	p,p'-DDE	7.1	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	130	130 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.1	40.0	40.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200925-27	N	o,p'-DDD	6.9	6.9 U	6.9 UJ	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1001200925-27	N	p,p'-DDD	6.9	8.1	8.1 J	ug/kg	MD3
BNASIM/NONE	SE	OA1001200925-27	N	o,p'-DDE	6.9	18.0	18.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200925-27	N	p,p'-DDE	6.9	100	100 J	ug/kg	MD3
BNASIM/NONE	SE	OA1001200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	38.0	38.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200925-27	N	1,1-bis(p-chlorophenyl)ethane	6.9	17.0	17.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200925-27	N	p,p'-DDT	6.9	6.9 U	6.9 UJ	ug/kg	D2
BNASIM/NONE	SE	OA1001200929-31	N	p,p'-DDD	7.0	13.0	13.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200929-31	N	o,p'-DDE	7.0	2.7 J	2.7 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1001200929-31	N	p,p'-DDE	7.0	17.0	17.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	5.1 J	5.1 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1001200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.0	7.0 U	7.0 UJ	ug/kg	D3
BNASIM/NONE	SE	OA1001200933-35	N	p,p'-DDE	6.9	9.9	9.9 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	4.4 J	4.4 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1001200937	N	o,p'-DDD	7.5	6.7 J	6.7 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1001200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200901	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	13.0 B	13.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA1001200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	15.0	15.0 B	15.0 U	ug/kg	B1

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1001200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.6	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.6	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.6	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,3,3',4,4',5-Hexachlorobiphenyl	21.0	21.0 B	21.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA1001200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,2',5-TRICHLOROBIPHENYL	8.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,4,4'-TRICHLOROBIPHENYL	8.6	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.8	7.9 J	7.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.8	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.8	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.8	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	12.0	12.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	5.8 J	5.8 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	32.0	32.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.5	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	5.3 J	5.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	5.4 J	5.4 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	PCB-138/158	7.5	7.5 U	7.5 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA1001200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	6.6 J	6.6 J	ug/kg	TRD3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1001200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	4.6 J	4.6 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	5.3 J	5.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	5.0 J	5.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.5	7.5 U	7.5 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA1001200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.5	7.5 U	7.5 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA1001200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.5	7.5 U	7.5 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA1001200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	7.1 U	7.1 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA1001200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	7.1 U	7.1 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.9	39.0	39.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.9	71.0	71.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	6.9	28.0	28.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.9	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.9	60.0	60.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	6.9	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	6.9	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	6.9	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	6.9	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200925-27	N	PCB-138/158	6.9	56.0	56.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	6.9	4.7 J	4.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1001200903	N	Total Organic Carbon	0.089	2.8	2.8 J	PERCENT	D3
SW9060/NONE	SE	OA1001200917-19	N	Total Organic Carbon	0.075	1.6	1.6 J	PERCENT	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1001200901	N	o,p'-DDD	10.0	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA1001200901	N	p,p'-DDD	10.0	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200901	N	o,p'-DDE	10.0	61.0	61.0	ug/kg	
BNASIM/NONE	SE	OA1001200901	N	p,p'-DDE	10.0	360	360	ug/kg	
BNASIM/NONE	SE	OA1001200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	10.0	100	100	ug/kg	
BNASIM/NONE	SE	OA1001200901	N	1,1-bis(p-chlorophenyl)ethane	10.0	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA1001200901	N	p,p'-DDT	10.0	75.0	75.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200903	N	o,p'-DDD	8.9	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA1001200903	N	p,p'-DDD	8.9	330	330 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200903	N	o,p'-DDE	8.9	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200903	N	p,p'-DDE	44.0	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	340	340 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200903	N	1,1-bis(p-chlorophenyl)ethane	8.9	47.0	47.0	ug/kg	
BNASIM/NONE	SE	OA1001200903	N	p,p'-DDT	8.9	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200905	N	o,p'-DDD	8.6	67.0	67.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200905	N	p,p'-DDD	8.6	300	300	ug/kg	
BNASIM/NONE	SE	OA1001200905	N	o,p'-DDE	8.6	360	360 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200905	N	p,p'-DDE	43.0	2200 D	2200 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.6	700	700 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200905	N	1,1-bis(p-chlorophenyl)ethane	8.6	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200905	N	p,p'-DDT	8.6	22.0	22.0	ug/kg	
BNASIM/NONE	SE	OA1001200907	N	o,p'-DDD	8.5	120	120 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1001200907	N	p,p'-DDD	85.0	920 D	920 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	o,p'-DDE	8.5	690	690 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	p,p'-DDE	85.0	3600 D	3600 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	85.0	1700 D	1700 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	1,1-bis(p-chlorophenyl)ethane	8.5	300	300 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200907	N	o,p'-DDT	8.5	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA1001200907	N	p,p'-DDT	8.5	250	250 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	o,p'-DDD	8.8	250	250 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	p,p'-DDD	88.0	1200 D	1200 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	o,p'-DDE	88.0	1000 D	1000 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	p,p'-DDE	88.0	5900 D	5900 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	88.0	2200 D	2200 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	1,1-bis(p-chlorophenyl)ethane	8.8	600	600 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200909-11	N	o,p'-DDT	8.8	8.8	8.8	ug/kg	
BNASIM/NONE	SE	OA1001200909-11	N	p,p'-DDT	8.8	58.0	58.0	ug/kg	
BNASIM/NONE	SE	OA1001200913-15	N	o,p'-DDD	8.5	140	140 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200913-15	N	p,p'-DDD	8.5	560	560	ug/kg	
BNASIM/NONE	SE	OA1001200913-15	N	o,p'-DDE	8.5	800	800 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200913-15	N	p,p'-DDE	85.0	4300 D	4300 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	85.0	1700 D	1700 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200913-15	N	1,1-bis(p-chlorophenyl)ethane	8.5	390	390 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200913-15	N	o,p'-DDT	8.5	6.2 J	6.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1001200917-19	N	o,p'-DDD	7.5	41.0	41.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200917-19	N	p,p'-DDD	7.5	190	190 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200917-19	N	o,p'-DDE	7.5	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200917-19	N	p,p'-DDE	37.0	620 D	620 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	450	450 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.5	91.0	91.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	o,p'-DDD	7.1	7.4	7.4 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	p,p'-DDD	7.1	24.0	24.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	o,p'-DDE	7.1	50.0	50.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	p,p'-DDE	7.1	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	130	130 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.1	40.0	40.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200925-27	N	p,p'-DDD	6.9	8.1	8.1 J	ug/kg	MD3
BNASIM/NONE	SE	OA1001200925-27	N	o,p'-DDE	6.9	18.0	18.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200925-27	N	p,p'-DDE	6.9	100	100 J	ug/kg	MD3
BNASIM/NONE	SE	OA1001200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	38.0	38.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200925-27	N	1,1-bis(p-chlorophenyl)ethane	6.9	17.0	17.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200929-31	N	p,p'-DDD	7.0	13.0	13.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200929-31	N	o,p'-DDE	7.0	2.7 J	2.7 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1001200929-31	N	p,p'-DDE	7.0	17.0	17.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1001200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	5.1 J	5.1 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1001200933-35	N	p,p'-DDE	6.9	9.9	9.9 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1001200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	4.4 J	4.4 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1001200937	N	o,p'-DDD	7.5	6.7 J	6.7 J	ug/kg	TR
BNASIM/NONE	SE	OA1001200937	N	p,p'-DDD	7.5	40.0	40.0	ug/kg	
BNASIM/NONE	SE	OA1001200937	N	o,p'-DDE	7.5	22.0	22.0	ug/kg	
BNASIM/NONE	SE	OA1001200937	N	p,p'-DDE	7.5	120	120	ug/kg	
BNASIM/NONE	SE	OA1001200937	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	50.0	50.0	ug/kg	
BNASIM/NONE	SE	OA1001200937	N	1,1-bis(p-chlorophenyl)ethane	7.5	12.0	12.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1001200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200901	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1001200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	OA1001200903	N	PCB-138/158	8.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1001200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1001200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	9.0	9.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1001200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.6	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1001200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.6	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1001200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.6	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1001200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.6	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	PCB-138/158	8.6	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1001200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.6	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1001200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1001200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1001200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.6	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1001200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.6	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1001200905	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,2',5-TRICHLOROBIPHENYL	8.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200905	N	2,4,4'-TRICHLOROBIPHENYL	8.6	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	16.0	16.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1001200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA1001200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA1001200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.5	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1001200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	PCB-138/158	8.5	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA1001200907	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1001200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1001200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1001200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA1001200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA1001200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200907	N	2,2',5-TRICHLOROBIPHENYL	8.5	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1001200907	N	2,4,4'-TRICHLOROBIPHENYL	8.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.8	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.8	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	8.9	8.9	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.8	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1001200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	8.8	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1001200909-11	N	PCB-138/158	8.8	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA1001200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.8	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.8	37.0	37.0	ug/kg	
PCBSIM/NONE	SE	OA1001200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.8	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1001200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.8	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.8	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA1001200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.8	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA1001200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.8	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1001200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	12.0	12.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	5.8 J	5.8 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	32.0	32.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	8.5	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA1001200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.5	3.4 J	3.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1001200913-15	N	PCB-138/158	8.5	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA1001200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1001200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1001200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1001200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1001200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200913-15	N	2,2',5-TRICHLOROBIPHENYL	8.5	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA1001200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.5	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	5.3 J	5.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	5.4 J	5.4 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	6.6 J	6.6 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	4.6 J	4.6 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	5.3 J	5.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	5.0 J	5.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.9	39.0	39.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.9	71.0	71.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	6.9	28.0	28.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.9	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.9	60.0	60.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	6.9	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	6.9	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	6.9	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	6.9	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200925-27	N	PCB-138/158	6.9	56.0	56.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1001200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	6.9	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1001200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	6.9	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1001200901	N	Moisture	0.10	50.2	50.2	PERCENT	
D2216/NONE	SE	OA1001200903	N	Moisture	0.10	43.6	43.6	PERCENT	
D2216/NONE	SE	OA1001200905	N	Moisture	0.10	42.0	42.0	PERCENT	
D2216/NONE	SE	OA1001200907	N	Moisture	0.10	41.2	41.2	PERCENT	
D2216/NONE	SE	OA1001200909-11	N	Moisture	0.10	42.9	42.9	PERCENT	
D2216/NONE	SE	OA1001200913-15	N	Moisture	0.10	41.4	41.4	PERCENT	
D2216/NONE	SE	OA1001200917-19	N	Moisture	0.10	33.0	33.0	PERCENT	
D2216/NONE	SE	OA1001200921-23	N	Moisture	0.10	29.2	29.2	PERCENT	
D2216/NONE	SE	OA1001200925-27	N	Moisture	0.10	27.8	27.8	PERCENT	
D2216/NONE	SE	OA1001200929-31	N	Moisture	0.10	28.1	28.1	PERCENT	
D2216/NONE	SE	OA1001200933-35	N	Moisture	0.10	27.2	27.2	PERCENT	
D2216/NONE	SE	OA1001200937	N	Moisture	0.10	33.5	33.5	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1001200901	N	Total Organic Carbon	0.10	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA1001200903	N	Total Organic Carbon	0.089	2.8	2.8 J	PERCENT	D3
SW9060/NONE	SE	OA1001200905	N	Total Organic Carbon	0.086	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA1001200907	N	Total Organic Carbon	0.085	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA1001200909-11	N	Total Organic Carbon	0.088	3.0	3.0	PERCENT	
SW9060/NONE	SE	OA1001200913-15	N	Total Organic Carbon	0.085	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA1001200917-19	N	Total Organic Carbon	0.075	1.6	1.6 J	PERCENT	D3
SW9060/NONE	SE	OA1001200921-23	N	Total Organic Carbon	0.071	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1001200925-27	N	Total Organic Carbon	0.069	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1001200929-31	N	Total Organic Carbon	0.070	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1001200933-35	N	Total Organic Carbon	0.069	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA1001200937	N	Total Organic Carbon	0.075	1.0	1.0	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111611

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**

   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

   Additionally, the Field Duplicates (FD) in the EDD could not link to the proper parent as multiple LOCIDs were provided; thus, the outliers shown on the Outlier report for calculated RPDs are not accurate. All FD RPD results will be included in a separate report. Qualifiers were applied or removed on this basis as seen on the Qualified results report.

2. **Pesticides (DDTs) by BNA-SIM**

   It was noted that the data flagging system does not identify Field Duplicates as parent samples for the matrix spike (MS) and matrix spike duplicate (SD); thus, the system could not properly apply qualifiers for percent recoveries out of project control limits. Qualifiers were applied on this basis as seen on the Qualified Results report.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111611

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111611, Certified - 2/8/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 12-Feb-2010

Samples Included in SDG 09111611

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	0	23
D2216/NONE	0	23
PCBSIM/NONE	0	23
SW9060/NONE	0	23

AUTOMATED DATA REVIEW SUMMARY for 09111611

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111611. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

Field Duplicate RPD

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Prep Hold Time

MS Recovery

BS RPD

LCS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111611

Confirmation Column Difference

Field Blank

Negative Blank

Calibration Blank - Negative

Continuing Calibration Verification

Trip Blank

Calibration Blank

Equip Blank

AUTOMATED DATA REVIEW SUMMARY for 09111611

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 8.22% (94 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

AUTOMATED DATA REVIEW SUMMARY for 09111611

Evin McKinney

12-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122L01	091122L01	NA	LABQC	SQ	LABQC	0991301313		11/22/2009 12:00	12/05/2009 10:28	LB
	091122L01	NA	LABQC	SQ	LABQC	0991301313		11/22/2009 12:00	12/05/2009 10:51	BS
	091122L01	NA	LABQC	SQ	LABQC	0991301313		11/22/2009 12:00	12/05/2009 11:15	BD
091122L02	091122L02	NA	LABQC	SQ	LABQC	0991301314		11/22/2009 12:00	12/05/2009 5:54	LB
	091122L02	NA	LABQC	SQ	LABQC	0991301314		11/22/2009 12:00	12/05/2009 6:17	BS
	091122L02	NA	LABQC	SQ	LABQC	0991301314		11/22/2009 12:00	12/05/2009 6:41	BD
091122S01	091122L01	NA	OA11	SE	OA1102200901	091116111		11/18/2009 12:00	12/06/2009 1:45	FD
	091122L01	NA	OA11	SE	OA1102200901	091116111		11/18/2009 12:00	12/06/2009 1:45	FD
	091122L01	NA	OA11	SE	OA1102200903	091116112		11/18/2009 12:00	12/06/2009 2:08	FD
	091122L01	NA	OA11	SE	OA1102200903	091116112		11/18/2009 12:00	12/06/2009 2:08	FD
	091122L01	NA	OA11	SE	OA1102200905	091116113		11/18/2009 12:00	12/06/2009 2:32	FD
	091122L01	NA	OA11	SE	OA1102200905	091116113		11/18/2009 12:00	12/06/2009 2:32	FD
	091122L01	NA	OA11	SE	OA1102200907	091116114		11/18/2009 12:00	12/06/2009 2:55	FD
	091122L01	NA	OA11	SE	OA1102200907	091116114		11/18/2009 12:00	12/06/2009 2:55	FD
	091122L01	NA	OA11	SE	OA1102200909-11	0911161143		11/18/2009 12:00	12/06/2009 3:19	FD
	091122L01	NA	OA11	SE	OA1102200909-11	0911161143		11/18/2009 12:00	12/06/2009 3:19	FD
	091122L01	NA	OA11	SE	OA1102200913-15	0911161144		11/18/2009 12:00	12/06/2009 3:43	FD
	091122L01	NA	OA11	SE	OA1102200913-15	0911161144		11/18/2009 12:00	12/06/2009 3:43	FD
	091122L01	NA	OA11	SE	OA1102200917-19	0911161145		11/18/2009 12:00	12/06/2009 4:06	FD
	091122L01	NA	OA11	SE	OA1102200917-19	0911161145		11/18/2009 12:00	12/06/2009 4:06	FD
	091122L01	NA	OA11	SE	OA1102200921-23	0911161146		11/18/2009 12:00	12/06/2009 4:30	FD
	091122L01	NA	OA11	SE	OA1102200921-23	0911161146		11/18/2009 12:00	12/06/2009 4:30	FD
091122S02	091122L02	NA	OA11	SE	OA1102200961-63	0911161156		11/18/2009 12:00	12/07/2009 12:24	MS
	091122L02	NA	OA11	SE	OA1102200961-63	0911161156		11/18/2009 12:00	12/07/2009 12:48	SD
091122S01	091122L01	NA	OA11	SE	OA1102200901	091116111		11/18/2009 12:00	12/07/2009 3:57	FD
	091122L01	NA	OA11	SE	OA1102200903	091116112		11/18/2009 12:00	12/07/2009 4:20	FD
	091122L01	NA	OA11	SE	OA1102200905	091116113		11/18/2009 12:00	12/07/2009 4:44	FD

AUTOMATED DATA REVIEW SUMMARY for 09111611

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122S01	091122L01	NA	OA11	SE	OA1102200907	091116114		11/18/2009 12:00	12/07/2009 5:07	FD
	091122L01	NA	OA11	SE	OA1102200909-11	0911161143		11/18/2009 12:00	12/07/2009 6:42	FD
	091122L01	NA	OA11	SE	OA1102200913-15	0911161144		11/18/2009 12:00	12/07/2009 7:52	FD
	091122L01	NA	OA11	SE	OA1102200917-19	0911161145		11/18/2009 12:00	12/07/2009 8:16	FD
	091122L01	NA	OA11	SE	OA1102200921-23	0911161146		11/18/2009 12:00	12/07/2009 8:39	FD
091122S02	091122L02	NA	OA11	SE	OA1102200925-27	0911161147		11/18/2009 12:00	12/07/2009 9:03	FD
	091122L02	NA	OA11	SE	OA1102200925-27	0911161147		11/18/2009 12:00	12/07/2009 9:03	FD
	091122L02	NA	OA11	SE	OA1102200929-31	0911161148		11/18/2009 12:00	12/07/2009 9:26	FD
	091122L02	NA	OA11	SE	OA1102200929-31	0911161148		11/18/2009 12:00	12/07/2009 9:26	FD
	091122L02	NA	OA11	SE	OA1102200933-35	0911161149		11/18/2009 12:00	12/07/2009 9:50	FD
	091122L02	NA	OA11	SE	OA1102200933-35	0911161149		11/18/2009 12:00	12/07/2009 9:50	FD
	091122L02	NA	OA11	SE	OA1102200937-39	0911161150		11/18/2009 12:00	12/07/2009 10:14	FD
	091122L02	NA	OA11	SE	OA1102200937-39	0911161150		11/18/2009 12:00	12/07/2009 10:14	FD
	091122L02	NA	OA11	SE	OA1102200941-43	0911161151		11/18/2009 12:00	12/07/2009 10:37	FD
	091122L02	NA	OA11	SE	OA1102200941-43	0911161151		11/18/2009 12:00	12/07/2009 10:37	FD
	091122L02	NA	OA11	SE	OA1102200945-47	0911161152		11/18/2009 12:00	12/07/2009 11:01	FD
	091122L02	NA	OA11	SE	OA1102200945-47	0911161152		11/18/2009 12:00	12/07/2009 11:01	FD
	091122L02	NA	OA11	SE	OA1102200949-51	0911161153		11/18/2009 12:00	12/07/2009 11:24	FD
	091122L02	NA	OA11	SE	OA1102200949-51	0911161153		11/18/2009 12:00	12/07/2009 11:24	FD
091122S02P	091122L02	NA	OA11	SE	OA1102200953-55	0911161154		11/18/2009 12:00	12/07/2009 11:48	FD
	091122L02	NA	OA11	SE	OA1102200953-55	0911161154		11/18/2009 12:00	12/07/2009 11:48	FD
091122S02	091122L02	NA	OA11	SE	OA1102200957-59	0911161155		11/18/2009 12:00	12/08/2009 12:11	FD
	091122L02	NA	OA11	SE	OA1102200957-59	0911161155		11/18/2009 12:00	12/08/2009 12:11	FD
	091122L02	NA	OA11	SE	OA1102200965-67	0911161157		11/18/2009 12:00	12/08/2009 12:35	FD
	091122L02	NA	OA11	SE	OA1102200965-67	0911161157		11/18/2009 12:00	12/08/2009 12:35	FD
	091122L02	NA	OA11	SE	OA1102200969-71	0911161158		11/18/2009 12:00	12/08/2009 12:58	FD
	091122L02	NA	OA11	SE	OA1102200969-71	0911161158		11/18/2009 12:00	12/08/2009 12:58	FD
	091122L02	NA	OA11	SE	OA1102200973-75	0911161159		11/18/2009 12:00	12/08/2009 1:22	FD

AUTOMATED DATA REVIEW SUMMARY for 09111611

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122S02	091122L02	NA	OA11	SE	OA1102200973-75	0911161159		11/18/2009 12:00	12/08/2009 1:22	FD
	091122L02	NA	OA11	SE	OA1102200977-79	0911161160		11/18/2009 12:00	12/08/2009 1:45	FD
	091122L02	NA	OA11	SE	OA1102200977-79	0911161160		11/18/2009 12:00	12/08/2009 1:45	FD
	091122L02	NA	OA11	SE	OA1102200981-83	0911161161		11/18/2009 12:00	12/08/2009 2:09	FD
	091122L02	NA	OA11	SE	OA1102200981-83	0911161161		11/18/2009 12:00	12/08/2009 2:09	FD
	091122L02	NA	OA11	SE	OA1102200925-27	0911161147		11/18/2009 12:00	12/08/2009 2:14	FD
	091122L02	NA	OA11	SE	OA1102200929-31	0911161148		11/18/2009 12:00	12/08/2009 2:38	FD
	091122L02	NA	OA11	SE	OA1102200933-35	0911161149		11/18/2009 12:00	12/08/2009 3:01	FD
	091122L02	NA	OA11	SE	OA1102200937-39	0911161150		11/18/2009 12:00	12/08/2009 3:25	FD
	091122L02	NA	OA11	SE	OA1102200941-43	0911161151		11/18/2009 12:00	12/08/2009 3:48	FD
	091122L02	NA	OA11	SE	OA1102200945-47	0911161152		11/18/2009 12:00	12/08/2009 4:12	FD
	091122L02	NA	OA11	SE	OA1102200949-51	0911161153		11/18/2009 12:00	12/08/2009 4:35	FD
	091122L02	NA	OA11	SE	OA1102200957-59	0911161155		11/18/2009 12:00	12/08/2009 4:59	FD
	091122L02	NA	OA11	SE	OA1102200961-63	0911161156		11/18/2009 12:00	12/28/2009 7:04	FD
	091122L02	NA	OA11	SE	OA1102200961-63	0911161156		11/18/2009 12:00	12/28/2009 7:51	FD
	091122L02	NA	OA11	SE	OA1102200961-63	0911161156		11/18/2009 12:00	12/28/2009 7:51	FD

AUTOMATED DATA REVIEW SUMMARY for 09111611

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOIDA	NA	NA	OA11	SE	OA1102200961-63	0911161156		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200957-59	0911161155		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200965-67	0911161157		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200913-15	0911161144		11/18/2009 12:00	11/21/2009 12:00	LR
	NA	NA	OA11	SE	OA1102200953-55	0911161154		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200949-51	0911161153		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200937-39	0911161150		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200945-47	0911161152		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200941-43	0911161151		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200933-35	0911161149		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200929-31	0911161148		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200925-27	0911161147		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200921-23	0911161146		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200917-19	0911161145		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200907	091116114		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200913-15	0911161144		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200909-11	0911161143		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200905	091116113		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200903	091116112		11/18/2009 12:00	11/21/2009 12:00	FD
	NA	NA	OA11	SE	OA1102200901	091116111		11/18/2009 12:00	11/21/2009 12:00	FD
91121MOIBA	NA	NA	LABQC	SQ	LABQC	099050141667		11/21/2009 12:00	11/21/2009 12:00	LB
91121MOIDA	NA	NA	OA11	SE	OA1102200969-71	0911161158		11/18/2009 12:00	11/21/2009 12:00	FD
91121MOIDB	NA	NA	OA11	SE	OA1102200973-75	0911161159		11/18/2009 12:00	11/21/2009 1:00	FD
	NA	NA	OA11	SE	OA1102200977-79	0911161160		11/18/2009 12:00	11/21/2009 1:00	FD
	NA	NA	OA11	SE	OA1102200981-83	0911161161		11/18/2009 12:00	11/21/2009 1:00	FD
91121MOIBB	NA	NA	LABQC	SQ	LABQC	099050141668		11/21/2009 1:00	11/21/2009 1:00	LB

AUTOMATED DATA REVIEW SUMMARY for 09111611

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091213L04	091213L04	NA	LABQC	SQ	LABQC	0991301782		12/13/2009 12:00	12/29/2009 2:37	LB
	091213L04	NA	LABQC	SQ	LABQC	0991301782		12/13/2009 12:00	12/29/2009 3:07	BS
	091213L04	NA	LABQC	SQ	LABQC	0991301782		12/13/2009 12:00	12/29/2009 3:36	BD
091213S04	091213L04	NA	OA11	SE	OA1102200901	091116111		11/18/2009 12:00	12/31/2009 1:35	FD
	091213L04	NA	OA11	SE	OA1102200903	091116112		11/18/2009 12:00	12/31/2009 2:04	FD
	091213L04	NA	OA11	SE	OA1102200905	091116113		11/18/2009 12:00	12/31/2009 2:33	FD
	091213L04	NA	OA11	SE	OA1102200907	091116114		11/18/2009 12:00	12/31/2009 3:02	FD
	091213L04	NA	OA11	SE	OA1102200909-11	0911161143		11/18/2009 12:00	12/31/2009 3:31	FD
	091213L04	NA	OA11	SE	OA1102200913-15	0911161144		11/18/2009 12:00	12/31/2009 3:59	FD
	091213L04	NA	OA11	SE	OA1102200917-19	0911161145		11/18/2009 12:00	12/31/2009 4:27	FD
	091213L04	NA	OA11	SE	OA1102200921-23	0911161146		11/18/2009 12:00	12/31/2009 4:55	FD
	091213L04	NA	OA11	SE	OA1102200925-27	0911161147		11/18/2009 12:00	12/31/2009 5:23	FD
091213L05	091213L05	NA	LABQC	SQ	LABQC	0991301784		12/13/2009 12:00	12/31/2009 2:31	LB
	091213L05	NA	LABQC	SQ	LABQC	0991301784		12/13/2009 12:00	12/31/2009 2:58	BS
	091213L05	NA	LABQC	SQ	LABQC	0991301784		12/13/2009 12:00	12/31/2009 3:26	BD
091213S05	091213L05	NA	OA11	SE	OA1102200981-83	0911161161		11/18/2009 12:00	12/31/2009 3:54	MS
	091213L05	NA	OA11	SE	OA1102200981-83	0911161161		11/18/2009 12:00	12/31/2009 4:21	SD
	091213L05	NA	OA11	SE	OA1102200929-31	0911161148		11/18/2009 12:00	12/31/2009 4:49	FD
	091213L05	NA	OA11	SE	OA1102200933-35	0911161149		11/18/2009 12:00	12/31/2009 5:17	FD
	091213L05	NA	OA11	SE	OA1102200937-39	0911161150		11/18/2009 12:00	12/31/2009 5:45	FD
	091213L05	NA	OA11	SE	OA1102200941-43	0911161151		11/18/2009 12:00	12/31/2009 6:12	FD
	091213L05	NA	OA11	SE	OA1102200945-47	0911161152		11/18/2009 12:00	12/31/2009 6:40	FD
	091213L05	NA	OA11	SE	OA1102200949-51	0911161153		11/18/2009 12:00	12/31/2009 7:08	FD
	091213L05	NA	OA11	SE	OA1102200953-55	0911161154		11/18/2009 12:00	12/31/2009 7:35	FD
	091213L05	NA	OA11	SE	OA1102200957-59	0911161155		11/18/2009 12:00	12/31/2009 8:03	FD
	091213L05	NA	OA11	SE	OA1102200961-63	0911161156		11/18/2009 12:00	12/31/2009 8:30	FD
	091213L05	NA	OA11	SE	OA1102200965-67	0911161157		11/18/2009 12:00	12/31/2009 8:57	FD
	091213L05	NA	OA11	SE	OA1102200969-71	0911161158		11/18/2009 12:00	12/31/2009 9:25	FD

AUTOMATED DATA REVIEW SUMMARY for 09111611

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091213S05	091213L05	NA	OA11	SE	OA1102200973-75	0911161159		11/18/2009 12:00	12/31/2009 9:52	FD
	091213L05	NA	OA11	SE	OA1102200977-79	0911161160		11/18/2009 12:00	12/31/2009 10:19	FD
	091213L05	NA	OA11	SE	OA1102200981-83	0911161161		11/18/2009 12:00	12/31/2009 10:46	FD

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91130TOCS1	NA	NA	OA11	SE	OA1102200969-71	0911161158		11/18/2009 12:00	11/30/2009 12:07	MS
	NA	NA	OA11	SE	OA1102200969-71	0911161158		11/18/2009 12:00	11/30/2009 12:07	SD
	NA	NA	OA11	SE	OA1102200969-71	0911161158		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200965-67	0911161157		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200957-59	0911161155		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200961-63	0911161156		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200953-55	0911161154		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200949-51	0911161153		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200937-39	0911161150		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200941-43	0911161151		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200945-47	0911161152		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200933-35	0911161149		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200925-27	0911161147		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200929-31	0911161148		11/18/2009 12:00	11/30/2009 12:07	FD
91130TOCL1	NA	NA	LABQC	SQ	LABQC	09906013419		11/30/2009 12:07	11/30/2009 12:07	BS
	NA	NA	LABQC	SQ	LABQC	09906013419		11/30/2009 12:07	11/30/2009 12:07	LB
91130TOCS1	NA	NA	OA11	SE	OA1102200905	091116113		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200901	091116111		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200903	091116112		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200921-23	0911161146		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200917-19	0911161145		11/18/2009 12:00	11/30/2009 12:07	FD

AUTOMATED DATA REVIEW SUMMARY for 09111611

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91130TOCS1	NA	NA	OA11	SE	OA1102200907	091116114		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200909-11	0911161143		11/18/2009 12:00	11/30/2009 12:07	FD
	NA	NA	OA11	SE	OA1102200913-15	0911161144		11/18/2009 12:00	11/30/2009 12:07	FD
91201TOCL1	NA	NA	LABQC	SQ	LABQC	09906013420		12/01/2009 2:15	12/01/2009 2:15	BS
	NA	NA	LABQC	SQ	LABQC	09906013420		12/01/2009 2:15	12/01/2009 2:15	LB
91201TOCS1	NA	NA	OA11	SE	OA1102200973-75	0911161159		11/18/2009 12:00	12/01/2009 2:15	FD
	NA	NA	OA11	SE	OA1102200977-79	0911161160		11/18/2009 12:00	12/01/2009 2:15	FD
	NA	NA	OA11	SE	OA1102200981-83	0911161161		11/18/2009 12:00	12/01/2009 2:15	FD

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA1102200961-63 / MS	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	18.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1102200961-63 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	25.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1102200961-63 / MS	1	p,p'-DDE	8.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1102200961-63 / SD	1	p,p'-DDE	14.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1102200961-63 / MS	1	p,p'-DDT	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1102200961-63 / SD	1	p,p'-DDT	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	Field Duplicate RPD	OA1102200909-11 / FD	1	1,1-bis(p-chlorophenyl) ethane	102	ug/kg	J/UJ	NA - 33.6	NA - 67.2	D3	C5
BNASIM / SW3545	Field Duplicate RPD	OA1102200909-11 / FD	20	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	1080	ug/kg	J/UJ	NA - 680	NA - 1360	D3	C5
BNASIM / SW3545	Field Duplicate RPD	OA1102200909-11 / FD	1	o,p'-DDD	54.0	ug/kg	J/UJ	NA - 33.6	NA - 67.2	D3	C5
BNASIM / SW3545	Field Duplicate RPD	OA1102200909-11 / FD	1	o,p'-DDE	173	RPD	J/UJ	< 50	< 100	D3	C2
BNASIM / SW3545	Field Duplicate RPD	OA1102200909-11 / FD	20	p,p'-DDD	792	ug/kg	J/UJ	NA - 680	NA - 1360	D3	C5
BNASIM / SW3545	Field Duplicate RPD	OA1102200909-11 / FD	20	p,p'-DDE	3200	ug/kg	J/UJ	NA - 680	NA - 1360	D3	C5
SW9060 / NONE	Field Duplicate RPD	OA1102200909-11 / FD	1	Total Organic Carbon	94.7	RPD	J/UJ	< 50	< 100	D3	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200901	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	9.4 J	9.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.1	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,4,4'-TRICHLOROBIPHENYL	9.1	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	6.8 J	6.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200905	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.4	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.4	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.4	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.4	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.4	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.4	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.4	39.0	39.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200907	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.4	34.0	34.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200907	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.4	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.4	4.5 J	4.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.7	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.7	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.7	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	2,3,3',4,4',5-Hexachlorobiphenyl	8.7	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.7	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.7	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.7	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.2	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.2	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.2	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.2	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200921-23	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200925-27	FD	2,4'-DICHLOROBIPHENYL	10.0	6.9 J	6.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	40.0	40.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	79.0	79.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200925-27	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3,4,4',5-Pentachlorobiphenyl	10.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3',4,4',5-Pentachlorobiphenyl	10.0	90.0	90.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	PCB-138/158	10.0	87.0	87.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	95.0	95.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	48.0	48.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	78.0	78.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	89.0	89.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	87.0	87.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',5-TRICHLOROBIPHENYL	10.0	46.0	46.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,4,4'-TRICHLOROBIPHENYL	10.0	48.0	48.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	47.0	47.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	110	110 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200929-31	FD	2,3,4,4',5-Pentachlorobiphenyl	11.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200929-31	FD	2,3',4,4',5-Pentachlorobiphenyl	11.0	130	130 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200929-31	FD	PCB-138/158	11.0	120	120 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	170	170 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	72.0	72.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	140	140 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	160	160 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',5-TRICHLOROBIPHENYL	11.0	69.0	69.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,4,4'-TRICHLOROBIPHENYL	11.0	75.0	75.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200933-35	FD	2,4'-DICHLOROBIPHENYL	12.0	9.4 J	9.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200933-35	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200933-35	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200933-35	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,4'-DICHLOROBIPHENYL	12.0	9.4 J	9.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	12.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,3,4,4',5-Pentachlorobiphenyl	12.0	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,4'-DICHLOROBIPHENYL	12.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	12.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	100	100 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	3.7 J	3.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	12.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,3',4,4',5-Pentachlorobiphenyl	12.0	97.0	97.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	PCB-138/158	12.0	96.0	96.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	9.9 J	9.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	110	110 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	77.0	77.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	100	100 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	76.0	76.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',5-TRICHLOROBIPHENYL	9.5	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	2,4,4'-TRICHLOROBIPHENYL	9.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,3',4,4',5-Pentachlorobiphenyl	8.2	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	PCB-138/158	8.2	7.2 J	7.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200949-51	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,2',5-TRICHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,3',4,4',5-Pentachlorobiphenyl	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200957-59	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200957-59	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200957-59	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200957-59	FD	2,2',5-TRICHLOROBIPHENYL	7.9	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200957-59	FD	2,4,4'-TRICHLOROBIPHENYL	7.9	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,3',4,4',5-Pentachlorobiphenyl	7.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	PCB-138/158	7.5	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,2',5-TRICHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200961-63	FD	2,4,4'-TRICHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200969-71	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200969-71	FD	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200969-71	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200969-71	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200969-71	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200969-71	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	3.6 J	3.6 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200901	FD	p,p'-DDD	11.0	220	220 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200903	FD	p,p'-DDE	46.0	960 D	960 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200905	FD	o,p'-DDE	9.0	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200905	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.0	460	460 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200907	FD	p,p'-DDD	9.4	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	o,p'-DDD	8.4	70.0	70.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	p,p'-DDD	170	870 D	870 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	o,p'-DDE	8.4	590	590 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	p,p'-DDE	170	3400 D	3400 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	170	1200 D	1200 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	1,1-bis(p-chlorophenyl)ethane	8.4	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	o,p'-DDT	8.4	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200909-11	FD	p,p'-DDT	8.4	27.0	27.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200913-15	FD	p,p'-DDE	87.0	2300 D	2300 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200913-15	FD	p,p'-DDT	8.7	8.7 U	8.7 UJ	ug/kg	D3
BNASIM/NONE	SE	OA1102200917-19	FD	o,p'-DDD	9.2	70.0	70.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200917-19	FD	p,p'-DDD	9.2	450	450 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200917-19	FD	o,p'-DDE	9.2	550	550 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200917-19	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	180	1400 D	1400 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200917-19	FD	p,p'-DDT	9.2	9.2 U	9.2 UJ	ug/kg	D3
BNASIM/NONE	SE	OA1102200921-23	FD	p,p'-DDD	10.0	460	460 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200921-23	FD	o,p'-DDE	10.0	580	580 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200921-23	FD	o,p'-DDT	10.0	9.6 J	9.6 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200921-23	FD	p,p'-DDT	10.0	9.1 J	9.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200925-27	FD	p,p'-DDD	10.0	290	290 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200925-27	FD	p,p'-DDE	210	8000 D	8000 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200925-27	FD	p,p'-DDT	10.0	260	260 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200929-31	FD	p,p'-DDD	11.0	430	430 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200933-35	FD	o,p'-DDE	1200	4000 D	4000 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200933-35	FD	p,p'-DDE	1200	19000 D	19000 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200933-35	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1200	4400 D	4400 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200933-35	FD	p,p'-DDT	12.0	360	360 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200937-39	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1200	5400 D	5400 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200937-39	FD	p,p'-DDT	12.0	640	640 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200941-43	FD	p,p'-DDD	590	7800 D	7800 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200941-43	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	590	1600 D	1600 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200941-43	FD	o,p'-DDT	12.0	97.0	97.0 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200941-43	FD	p,p'-DDT	590	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200945-47	FD	p,p'-DDD	190	6500 D	6500 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200945-47	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.5	820	820 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200945-47	FD	o,p'-DDT	9.5	23.0	23.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200945-47	FD	p,p'-DDT	190	1900 D	1900 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200949-51	FD	o,p'-DDT	8.2	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200949-51	FD	p,p'-DDT	8.2	200	200 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200953-55	FD	p,p'-DDD	7.7	47.0	47.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200953-55	FD	1,1-bis(p-chlorophenyl)ethane	7.7	23.0	23.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200957-59	FD	p,p'-DDD	7.9	140	140 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200957-59	FD	o,p'-DDE	7.9	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200957-59	FD	p,p'-DDE	7.9	620	620 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200957-59	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	40.0	760 D	760 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200957-59	FD	1,1-bis(p-chlorophenyl)ethane	7.9	61.0	61.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200957-59	FD	p,p'-DDT	7.9	7.9 U	7.9 UJ	ug/kg	D3
BNASIM/NONE	SE	OA1102200961-63	FD	o,p'-DDE	7.5	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200961-63	FD	p,p'-DDE	7.5	400	400 J	ug/kg	M
BNASIM/NONE	SE	OA1102200961-63	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	490	490 J	ug/kg	D3M
BNASIM/NONE	SE	OA1102200961-63	FD	p,p'-DDT	37.0	1100 D	1100 J	ug/kg	D3M
BNASIM/NONE	SE	OA1102200965-67	FD	o,p'-DDD	7.4	7.1 J	7.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200965-67	FD	p,p'-DDD	7.4	31.0	31.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200965-67	FD	o,p'-DDE	7.4	49.0	49.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200965-67	FD	p,p'-DDE	7.4	200	200 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200965-67	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	230	230 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200969-71	FD	o,p'-DDD	7.5	4.4 J	4.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200973-75	FD	o,p'-DDE	7.2	3.8 J	3.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200973-75	FD	1,1-bis(p-chlorophenyl)ethane	7.2	2.9 J	2.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200977-79	FD	o,p'-DDD	7.2	4.7 J	4.7 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1102200903	FD	Total Organic Carbon	0.091	1.8	1.8 J	PERCENT	D3
SW9060/NONE	SE	OA1102200921-23	FD	Total Organic Carbon	0.10	3.7	3.7 J	PERCENT	D3
SW9060/NONE	SE	OA1102200925-27	FD	Total Organic Carbon	0.10	3.2	3.2 J	PERCENT	D3
SW9060/NONE	SE	OA1102200933-35	FD	Total Organic Carbon	0.12	4.7	4.7 J	PERCENT	D3
SW9060/NONE	SE	OA1102200937-39	FD	Total Organic Carbon	0.12	4.9	4.9 J	PERCENT	D3
SW9060/NONE	SE	OA1102200945-47	FD	Total Organic Carbon	0.095	2.8	2.8 J	PERCENT	D3
SW9060/NONE	SE	OA1102200949-51	FD	Total Organic Carbon	0.082	1.7	1.7 J	PERCENT	D3
SW9060/NONE	SE	OA1102200953-55	FD	Total Organic Carbon	0.077	1.1	1.1 J	PERCENT	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200901	FD	o,p'-DDD	11.0	44.0	44.0	ug/kg	
BNASIM/NONE	SE	OA1102200901	FD	p,p'-DDD	11.0	220	220 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200901	FD	o,p'-DDE	11.0	350	350	ug/kg	
BNASIM/NONE	SE	OA1102200901	FD	p,p'-DDE	110	2400 D	2400	ug/kg	
BNASIM/NONE	SE	OA1102200901	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	11.0	580	580	ug/kg	
BNASIM/NONE	SE	OA1102200901	FD	1,1-bis(p-chlorophenyl)ethane	11.0	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA1102200903	FD	o,p'-DDD	9.1	37.0	37.0	ug/kg	
BNASIM/NONE	SE	OA1102200903	FD	p,p'-DDD	9.1	170	170	ug/kg	
BNASIM/NONE	SE	OA1102200903	FD	o,p'-DDE	9.1	260	260	ug/kg	
BNASIM/NONE	SE	OA1102200903	FD	p,p'-DDE	46.0	960 D	960 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200903	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.1	460	460	ug/kg	
BNASIM/NONE	SE	OA1102200903	FD	1,1-bis(p-chlorophenyl)ethane	9.1	46.0	46.0	ug/kg	
BNASIM/NONE	SE	OA1102200905	FD	o,p'-DDD	9.0	37.0	37.0	ug/kg	
BNASIM/NONE	SE	OA1102200905	FD	p,p'-DDD	9.0	200	200	ug/kg	
BNASIM/NONE	SE	OA1102200905	FD	o,p'-DDE	9.0	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200905	FD	p,p'-DDE	45.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA1102200905	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.0	460	460 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200905	FD	1,1-bis(p-chlorophenyl)ethane	9.0	46.0	46.0	ug/kg	
BNASIM/NONE	SE	OA1102200907	FD	o,p'-DDD	9.4	35.0	35.0	ug/kg	
BNASIM/NONE	SE	OA1102200907	FD	p,p'-DDD	9.4	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200907	FD	o,p'-DDE	9.4	260	260	ug/kg	
BNASIM/NONE	SE	OA1102200907	FD	p,p'-DDE	47.0	1100 D	1100	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200907	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.4	420	420	ug/kg	
BNASIM/NONE	SE	OA1102200907	FD	1,1-bis(p-chlorophenyl)ethane	9.4	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA1102200909-11	FD	o,p'-DDD	8.4	70.0	70.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	p,p'-DDD	170	870 D	870 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	o,p'-DDE	8.4	590	590 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	p,p'-DDE	170	3400 D	3400 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	170	1200 D	1200 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	1,1-bis(p-chlorophenyl)ethane	8.4	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200909-11	FD	o,p'-DDT	8.4	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200909-11	FD	p,p'-DDT	8.4	27.0	27.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200913-15	FD	o,p'-DDD	8.7	35.0	35.0	ug/kg	
BNASIM/NONE	SE	OA1102200913-15	FD	p,p'-DDD	8.7	250	250	ug/kg	
BNASIM/NONE	SE	OA1102200913-15	FD	o,p'-DDE	8.7	330	330	ug/kg	
BNASIM/NONE	SE	OA1102200913-15	FD	p,p'-DDE	87.0	2300 D	2300 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200913-15	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.7	630	630	ug/kg	
BNASIM/NONE	SE	OA1102200913-15	FD	1,1-bis(p-chlorophenyl)ethane	8.7	72.0	72.0	ug/kg	
BNASIM/NONE	SE	OA1102200917-19	FD	o,p'-DDD	9.2	70.0	70.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200917-19	FD	p,p'-DDD	9.2	450	450 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200917-19	FD	o,p'-DDE	9.2	550	550 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200917-19	FD	p,p'-DDE	180	3900 D	3900	ug/kg	
BNASIM/NONE	SE	OA1102200917-19	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	180	1400 D	1400 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200917-19	FD	1,1-bis(p-chlorophenyl)ethane	9.2	140	140	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200921-23	FD	o,p'-DDD	10.0	62.0	62.0	ug/kg	
BNASIM/NONE	SE	OA1102200921-23	FD	p,p'-DDD	10.0	460	460 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200921-23	FD	o,p'-DDE	10.0	580	580 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200921-23	FD	p,p'-DDE	100	2400 D	2400	ug/kg	
BNASIM/NONE	SE	OA1102200921-23	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	10.0	930	930	ug/kg	
BNASIM/NONE	SE	OA1102200921-23	FD	1,1-bis(p-chlorophenyl)ethane	10.0	170	170	ug/kg	
BNASIM/NONE	SE	OA1102200921-23	FD	o,p'-DDT	10.0	9.6 J	9.6 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200921-23	FD	p,p'-DDT	10.0	9.1 J	9.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200925-27	FD	o,p'-DDD	10.0	82.0	82.0	ug/kg	
BNASIM/NONE	SE	OA1102200925-27	FD	p,p'-DDD	10.0	290	290 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200925-27	FD	o,p'-DDE	10.0	850	850	ug/kg	
BNASIM/NONE	SE	OA1102200925-27	FD	p,p'-DDE	210	8000 D	8000 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200925-27	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	210	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA1102200925-27	FD	1,1-bis(p-chlorophenyl)ethane	10.0	210	210	ug/kg	
BNASIM/NONE	SE	OA1102200925-27	FD	o,p'-DDT	10.0	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA1102200925-27	FD	p,p'-DDT	10.0	260	260 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200929-31	FD	o,p'-DDD	11.0	140	140	ug/kg	
BNASIM/NONE	SE	OA1102200929-31	FD	p,p'-DDD	11.0	430	430 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200929-31	FD	o,p'-DDE	220	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA1102200929-31	FD	p,p'-DDE	220	7600 D	7600	ug/kg	
BNASIM/NONE	SE	OA1102200929-31	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	220	2400 D	2400	ug/kg	
BNASIM/NONE	SE	OA1102200929-31	FD	1,1-bis(p-chlorophenyl)ethane	11.0	330	330	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200929-31	FD	o,p'-DDT	11.0	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA1102200929-31	FD	p,p'-DDT	11.0	55.0	55.0	ug/kg	
BNASIM/NONE	SE	OA1102200933-35	FD	o,p'-DDD	12.0	580	580	ug/kg	
BNASIM/NONE	SE	OA1102200933-35	FD	p,p'-DDD	1200	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA1102200933-35	FD	o,p'-DDE	1200	4000 D	4000 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200933-35	FD	p,p'-DDE	1200	19000 D	19000 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200933-35	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1200	4400 D	4400 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200933-35	FD	1,1-bis(p-chlorophenyl)ethane	12.0	650	650	ug/kg	
BNASIM/NONE	SE	OA1102200933-35	FD	o,p'-DDT	12.0	32.0	32.0	ug/kg	
BNASIM/NONE	SE	OA1102200933-35	FD	p,p'-DDT	12.0	360	360 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200937-39	FD	o,p'-DDD	12.0	1000	1000	ug/kg	
BNASIM/NONE	SE	OA1102200937-39	FD	p,p'-DDD	1200	2900 D	2900	ug/kg	
BNASIM/NONE	SE	OA1102200937-39	FD	o,p'-DDE	1200	5600 D	5600	ug/kg	
BNASIM/NONE	SE	OA1102200937-39	FD	p,p'-DDE	1200	28000 D	28000	ug/kg	
BNASIM/NONE	SE	OA1102200937-39	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1200	5400 D	5400 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200937-39	FD	1,1-bis(p-chlorophenyl)ethane	12.0	860	860	ug/kg	
BNASIM/NONE	SE	OA1102200937-39	FD	o,p'-DDT	12.0	60.0	60.0	ug/kg	
BNASIM/NONE	SE	OA1102200937-39	FD	p,p'-DDT	12.0	640	640 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200941-43	FD	o,p'-DDD	12.0	410	410	ug/kg	
BNASIM/NONE	SE	OA1102200941-43	FD	p,p'-DDD	590	7800 D	7800 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200941-43	FD	o,p'-DDE	590	1800 D	1800	ug/kg	
BNASIM/NONE	SE	OA1102200941-43	FD	p,p'-DDE	590	14000 D	14000	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200941-43	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	590	1600 D	1600 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200941-43	FD	1,1-bis(p-chlorophenyl)ethane	12.0	400	400	ug/kg	
BNASIM/NONE	SE	OA1102200941-43	FD	o,p'-DDT	12.0	97.0	97.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200941-43	FD	p,p'-DDT	590	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200945-47	FD	o,p'-DDD	9.5	260	260	ug/kg	
BNASIM/NONE	SE	OA1102200945-47	FD	p,p'-DDD	190	6500 D	6500 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200945-47	FD	o,p'-DDE	9.5	690	690	ug/kg	
BNASIM/NONE	SE	OA1102200945-47	FD	p,p'-DDE	190	5600 D	5600	ug/kg	
BNASIM/NONE	SE	OA1102200945-47	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.5	820	820 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200945-47	FD	1,1-bis(p-chlorophenyl)ethane	9.5	270	270	ug/kg	
BNASIM/NONE	SE	OA1102200945-47	FD	o,p'-DDT	9.5	23.0	23.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200945-47	FD	p,p'-DDT	190	1900 D	1900 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200949-51	FD	o,p'-DDD	8.2	100	100	ug/kg	
BNASIM/NONE	SE	OA1102200949-51	FD	p,p'-DDD	82.0	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA1102200949-51	FD	o,p'-DDE	8.2	280	280	ug/kg	
BNASIM/NONE	SE	OA1102200949-51	FD	p,p'-DDE	82.0	2000 D	2000	ug/kg	
BNASIM/NONE	SE	OA1102200949-51	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	380	380	ug/kg	
BNASIM/NONE	SE	OA1102200949-51	FD	1,1-bis(p-chlorophenyl)ethane	8.2	160	160	ug/kg	
BNASIM/NONE	SE	OA1102200949-51	FD	o,p'-DDT	8.2	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200949-51	FD	p,p'-DDT	8.2	200	200 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200953-55	FD	o,p'-DDD	7.7	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA1102200953-55	FD	p,p'-DDD	7.7	47.0	47.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200953-55	FD	o,p'-DDE	7.7	72.0	72.0	ug/kg	
BNASIM/NONE	SE	OA1102200953-55	FD	p,p'-DDE	7.7	400	400	ug/kg	
BNASIM/NONE	SE	OA1102200953-55	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	170	170	ug/kg	
BNASIM/NONE	SE	OA1102200953-55	FD	1,1-bis(p-chlorophenyl)ethane	7.7	23.0	23.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200957-59	FD	o,p'-DDD	7.9	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA1102200957-59	FD	p,p'-DDD	7.9	140	140 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200957-59	FD	o,p'-DDE	7.9	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200957-59	FD	p,p'-DDE	7.9	620	620 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200957-59	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	40.0	760 D	760 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200957-59	FD	1,1-bis(p-chlorophenyl)ethane	7.9	61.0	61.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200961-63	FD	o,p'-DDD	7.5	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1102200961-63	FD	p,p'-DDD	7.5	100	100	ug/kg	
BNASIM/NONE	SE	OA1102200961-63	FD	o,p'-DDE	7.5	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200961-63	FD	p,p'-DDE	7.5	400	400 J	ug/kg	M
BNASIM/NONE	SE	OA1102200961-63	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	490	490 J	ug/kg	D3M
BNASIM/NONE	SE	OA1102200961-63	FD	1,1-bis(p-chlorophenyl)ethane	7.5	53.0	53.0	ug/kg	
BNASIM/NONE	SE	OA1102200961-63	FD	o,p'-DDT	7.5	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA1102200961-63	FD	p,p'-DDT	37.0	1100 D	1100 J	ug/kg	D3M
BNASIM/NONE	SE	OA1102200965-67	FD	o,p'-DDD	7.4	7.1 J	7.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200965-67	FD	p,p'-DDD	7.4	31.0	31.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200965-67	FD	o,p'-DDE	7.4	49.0	49.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200965-67	FD	p,p'-DDE	7.4	200	200 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200965-67	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	230	230 J	ug/kg	D3
BNASIM/NONE	SE	OA1102200965-67	FD	1,1-bis(p-chlorophenyl)ethane	7.4	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA1102200969-71	FD	o,p'-DDD	7.5	4.4 J	4.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200969-71	FD	p,p'-DDD	7.5	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA1102200969-71	FD	o,p'-DDE	7.5	40.0	40.0	ug/kg	
BNASIM/NONE	SE	OA1102200969-71	FD	p,p'-DDE	7.5	200	200	ug/kg	
BNASIM/NONE	SE	OA1102200969-71	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	180	180	ug/kg	
BNASIM/NONE	SE	OA1102200969-71	FD	1,1-bis(p-chlorophenyl)ethane	7.5	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA1102200973-75	FD	o,p'-DDE	7.2	3.8 J	3.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200973-75	FD	p,p'-DDE	7.2	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA1102200973-75	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA1102200973-75	FD	1,1-bis(p-chlorophenyl)ethane	7.2	2.9 J	2.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200977-79	FD	o,p'-DDD	7.2	4.7 J	4.7 J	ug/kg	TR
BNASIM/NONE	SE	OA1102200977-79	FD	p,p'-DDD	7.2	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA1102200977-79	FD	o,p'-DDE	7.2	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA1102200977-79	FD	p,p'-DDE	7.2	99.0	99.0	ug/kg	
BNASIM/NONE	SE	OA1102200977-79	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	240	240	ug/kg	
BNASIM/NONE	SE	OA1102200977-79	FD	1,1-bis(p-chlorophenyl)ethane	7.2	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA1102200981-83	FD	o,p'-DDD	7.0	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA1102200981-83	FD	p,p'-DDD	7.0	78.0	78.0	ug/kg	
BNASIM/NONE	SE	OA1102200981-83	FD	o,p'-DDE	7.0	43.0	43.0	ug/kg	
BNASIM/NONE	SE	OA1102200981-83	FD	p,p'-DDE	7.0	200	200	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1102200981-83	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	120	120	ug/kg	
BNASIM/NONE	SE	OA1102200981-83	FD	1,1-bis(p-chlorophenyl)ethane	7.0	18.0	18.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200901	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1102200901	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA1102200901	FD	2,3',4,4',5-Pentachlorobiphenyl	11.0	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA1102200901	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	PCB-138/158	11.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1102200901	FD	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA1102200901	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1102200901	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	9.4 J	9.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1102200901	FD	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA1102200901	FD	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1102200901	FD	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200901	FD	2,2',5-TRICHLOROBIPHENYL	11.0	20.0	20.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200901	FD	2,4,4'-TRICHLOROBIPHENYL	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1102200903	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.1	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.1	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1102200903	FD	2,3',4,4',5-Pentachlorobiphenyl	9.1	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1102200903	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	PCB-138/158	9.1	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1102200903	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.1	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1102200903	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1102200903	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1102200903	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA1102200903	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1102200903	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200903	FD	2,2',5-TRICHLOROBIPHENYL	9.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1102200903	FD	2,4,4'-TRICHLOROBIPHENYL	9.1	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	5.3 J	5.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200905	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1102200905	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1102200905	FD	2,3',4,4',5-Pentachlorobiphenyl	9.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1102200905	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	PCB-138/158	9.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1102200905	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA1102200905	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1102200905	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1102200905	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA1102200905	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA1102200905	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200905	FD	2,2',5-TRICHLOROBIPHENYL	9.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1102200905	FD	2,4,4'-TRICHLOROBIPHENYL	9.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1102200907	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.4	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.4	14.0	14.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200907	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.4	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.4	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.4	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA1102200907	FD	2,3',4,4',5-Pentachlorobiphenyl	9.4	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA1102200907	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	PCB-138/158	9.4	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1102200907	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.4	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.4	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.4	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA1102200907	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.4	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1102200907	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.4	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.4	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA1102200907	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.4	39.0	39.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200907	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.4	34.0	34.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200907	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.4	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200907	FD	2,2',5-TRICHLOROBIPHENYL	9.4	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1102200907	FD	2,4,4'-TRICHLOROBIPHENYL	9.4	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	23.0	23.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200909-11	FD	2,3',4,4',5-Pentachlorobiphenyl	8.4	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1102200909-11	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	PCB-138/158	8.4	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1102200909-11	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA1102200909-11	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA1102200909-11	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1102200909-11	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.4	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200909-11	FD	2,2',5-TRICHLOROBIPHENYL	8.4	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1102200909-11	FD	2,4,4'-TRICHLOROBIPHENYL	8.4	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.7	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.7	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.7	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1102200913-15	FD	2,3',4,4',5-Pentachlorobiphenyl	8.7	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1102200913-15	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.7	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	PCB-138/158	8.7	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1102200913-15	FD	2,3,3',4,4',5-Hexachlorobiphenyl	8.7	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.7	5.6 J	5.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.7	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA1102200913-15	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.7	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1102200913-15	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.7	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.7	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.7	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1102200913-15	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.7	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1102200913-15	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.7	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200913-15	FD	2,2',5-TRICHLOROBIPHENYL	8.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1102200913-15	FD	2,4,4'-TRICHLOROBIPHENYL	8.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.2	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.2	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.2	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.2	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA1102200917-19	FD	2,3',4,4',5-Pentachlorobiphenyl	9.2	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA1102200917-19	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	PCB-138/158	9.2	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA1102200917-19	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.2	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.2	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA1102200917-19	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.2	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1102200917-19	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.2	6.7 J	6.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.2	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.2	37.0	37.0	ug/kg	
PCBSIM/NONE	SE	OA1102200917-19	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.2	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1102200917-19	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200917-19	FD	2,2',5-TRICHLOROBIPHENYL	9.2	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1102200917-19	FD	2,4,4'-TRICHLOROBIPHENYL	9.2	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2,3',4,4',5-Pentachlorobiphenyl	10.0	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	PCB-138/158	10.0	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	10.0 J	10.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	31.0	31.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200921-23	FD	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2,2',5-TRICHLOROBIPHENYL	10.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA1102200921-23	FD	2,4,4'-TRICHLOROBIPHENYL	10.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1102200925-27	FD	2,4'-DICHLOROBIPHENYL	10.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	40.0	40.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	79.0	79.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200925-27	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3,4,4',5-Pentachlorobiphenyl	10.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3',4,4',5-Pentachlorobiphenyl	10.0	90.0	90.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1102200925-27	FD	PCB-138/158	10.0	87.0	87.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	95.0	95.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	48.0	48.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	78.0	78.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	89.0	89.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200925-27	FD	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	87.0	87.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1102200925-27	FD	2,2',5-TRICHLOROBIPHENYL	10.0	46.0	46.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200925-27	FD	2,4,4'-TRICHLOROBIPHENYL	10.0	48.0	48.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,4'-DICHLOROBIPHENYL	11.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	47.0	47.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	110	110 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200929-31	FD	2,3,4,4',5-Pentachlorobiphenyl	11.0	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200929-31	FD	2,3',4,4',5-Pentachlorobiphenyl	11.0	130	130 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1102200929-31	FD	PCB-138/158	11.0	120	120 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1102200929-31	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	170	170 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	72.0	72.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	140	140 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	160	160 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	150	150	ug/kg	
PCBSIM/NONE	SE	OA1102200929-31	FD	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1102200929-31	FD	2,2',5-TRICHLOROBIPHENYL	11.0	69.0	69.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200929-31	FD	2,4,4'-TRICHLOROBIPHENYL	11.0	75.0	75.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200933-35	FD	2,4'-DICHLOROBIPHENYL	12.0	9.4 J	9.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200933-35	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	75.0	75.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2,3',4,4',5-Pentachlorobiphenyl	12.0	96.0	96.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200933-35	FD	PCB-138/158	12.0	75.0	75.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200933-35	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200933-35	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	94.0	94.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	110	110	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200933-35	FD	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	91.0	91.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2,2',5-TRICHLOROBIPHENYL	12.0	54.0	54.0	ug/kg	
PCBSIM/NONE	SE	OA1102200933-35	FD	2,4,4'-TRICHLOROBIPHENYL	12.0	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,4'-DICHLOROBIPHENYL	12.0	9.4 J	9.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	88.0	88.0	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	12.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,3,4,4',5-Pentachlorobiphenyl	12.0	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,3',4,4',5-Pentachlorobiphenyl	12.0	100	100	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	PCB-138/158	12.0	91.0	91.0	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	120	120	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	24.0	24.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	100	100	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	91.0	91.0	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,2',5-TRICHLOROBIPHENYL	12.0	55.0	55.0	ug/kg	
PCBSIM/NONE	SE	OA1102200937-39	FD	2,4,4'-TRICHLOROBIPHENYL	12.0	52.0	52.0	ug/kg	
PCBSIM/NONE	SE	OA1102200941-43	FD	2,4'-DICHLOROBIPHENYL	12.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	12.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	100	100 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	12.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,3',4,4',5-Pentachlorobiphenyl	12.0	97.0	97.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	PCB-138/158	12.0	96.0	96.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	9.9 J	9.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200941-43	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	6.9 J	6.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	110	110 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	45.0	45.0	ug/kg	
PCBSIM/NONE	SE	OA1102200941-43	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	77.0	77.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	100	100 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	76.0	76.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1102200941-43	FD	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1102200941-43	FD	2,2',5-TRICHLOROBIPHENYL	12.0	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA1102200941-43	FD	2,4,4'-TRICHLOROBIPHENYL	12.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.5	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.5	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1102200945-47	FD	2,3',4,4',5-Pentachlorobiphenyl	9.5	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1102200945-47	FD	PCB-138/158	9.5	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.5	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1102200945-47	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.5	18.0	18.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200945-47	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.5	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1102200945-47	FD	2,2',5-TRICHLOROBIPHENYL	9.5	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200945-47	FD	2,4,4'-TRICHLOROBIPHENYL	9.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,3',4,4',5-Pentachlorobiphenyl	8.2	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	PCB-138/158	8.2	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	8.3	8.3	ug/kg	
PCBSIM/NONE	SE	OA1102200949-51	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200949-51	FD	2,2',5-TRICHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,3',4,4',5-Pentachlorobiphenyl	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200953-55	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200957-59	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200957-59	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200957-59	FD	2,3',4,4',5-Pentachlorobiphenyl	7.9	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	OA1102200957-59	FD	PCB-138/158	7.9	8.6	8.6	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200957-59	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1102200957-59	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200957-59	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	OA1102200957-59	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1102200957-59	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	OA1102200957-59	FD	2,2',5-TRICHLOROBIPHENYL	7.9	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200957-59	FD	2,4,4'-TRICHLOROBIPHENYL	7.9	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,3',4,4',5-Pentachlorobiphenyl	7.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	PCB-138/158	7.5	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	7.6	7.6	ug/kg	
PCBSIM/NONE	SE	OA1102200961-63	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,2',5-TRICHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200961-63	FD	2,4,4'-TRICHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200969-71	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200969-71	FD	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200969-71	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200969-71	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1102200969-71	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	4.7 J	4.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1102200969-71	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	3.6 J	3.6 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1102200901	FD	Moisture	0.10	53.2	53.2	PERCENT	
D2216/NONE	SE	OA1102200903	FD	Moisture	0.10	45.2	45.2	PERCENT	
D2216/NONE	SE	OA1102200905	FD	Moisture	0.10	44.3	44.3	PERCENT	
D2216/NONE	SE	OA1102200907	FD	Moisture	0.10	47.0	47.0	PERCENT	
D2216/NONE	SE	OA1102200909-11	FD	Moisture	0.10	40.8	40.8	PERCENT	
D2216/NONE	SE	OA1102200913-15	FD	Moisture	0.10	42.5	42.5	PERCENT	
D2216/NONE	SE	OA1102200917-19	FD	Moisture	0.10	45.4	45.4	PERCENT	
D2216/NONE	SE	OA1102200921-23	FD	Moisture	0.10	52.2	52.2	PERCENT	
D2216/NONE	SE	OA1102200925-27	FD	Moisture	0.10	52.2	52.2	PERCENT	
D2216/NONE	SE	OA1102200929-31	FD	Moisture	0.10	54.6	54.6	PERCENT	
D2216/NONE	SE	OA1102200933-35	FD	Moisture	0.10	58.5	58.5	PERCENT	
D2216/NONE	SE	OA1102200937-39	FD	Moisture	0.10	58.0	58.0	PERCENT	
D2216/NONE	SE	OA1102200941-43	FD	Moisture	0.10	57.6	57.6	PERCENT	
D2216/NONE	SE	OA1102200945-47	FD	Moisture	0.10	47.2	47.2	PERCENT	
D2216/NONE	SE	OA1102200949-51	FD	Moisture	0.10	39.3	39.3	PERCENT	
D2216/NONE	SE	OA1102200953-55	FD	Moisture	0.10	34.7	34.7	PERCENT	
D2216/NONE	SE	OA1102200957-59	FD	Moisture	0.10	37.1	37.1	PERCENT	
D2216/NONE	SE	OA1102200961-63	FD	Moisture	0.10	32.9	32.9	PERCENT	
D2216/NONE	SE	OA1102200965-67	FD	Moisture	0.10	32.1	32.1	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1102200969-71	FD	Moisture	0.10	33.2	33.2	PERCENT	
D2216/NONE	SE	OA1102200973-75	FD	Moisture	0.10	30.8	30.8	PERCENT	
D2216/NONE	SE	OA1102200977-79	FD	Moisture	0.10	30.7	30.7	PERCENT	
D2216/NONE	SE	OA1102200981-83	FD	Moisture	0.10	28.8	28.8	PERCENT	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1102200901	FD	Total Organic Carbon	0.11	2.1	2.1	PERCENT	
SW9060/NONE	SE	OA1102200903	FD	Total Organic Carbon	0.091	1.8	1.8 J	PERCENT	D3
SW9060/NONE	SE	OA1102200905	FD	Total Organic Carbon	0.090	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA1102200907	FD	Total Organic Carbon	0.094	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA1102200909-11	FD	Total Organic Carbon	0.084	2.8	2.8	PERCENT	
SW9060/NONE	SE	OA1102200913-15	FD	Total Organic Carbon	0.087	2.5	2.5	PERCENT	
SW9060/NONE	SE	OA1102200917-19	FD	Total Organic Carbon	0.092	2.6	2.6	PERCENT	
SW9060/NONE	SE	OA1102200921-23	FD	Total Organic Carbon	0.10	3.7	3.7 J	PERCENT	D3
SW9060/NONE	SE	OA1102200925-27	FD	Total Organic Carbon	0.10	3.2	3.2 J	PERCENT	D3
SW9060/NONE	SE	OA1102200929-31	FD	Total Organic Carbon	0.11	4.2	4.2	PERCENT	
SW9060/NONE	SE	OA1102200933-35	FD	Total Organic Carbon	0.12	4.7	4.7 J	PERCENT	D3
SW9060/NONE	SE	OA1102200937-39	FD	Total Organic Carbon	0.12	4.9	4.9 J	PERCENT	D3
SW9060/NONE	SE	OA1102200941-43	FD	Total Organic Carbon	0.12	5.6	5.6	PERCENT	
SW9060/NONE	SE	OA1102200945-47	FD	Total Organic Carbon	0.095	2.8	2.8 J	PERCENT	D3
SW9060/NONE	SE	OA1102200949-51	FD	Total Organic Carbon	0.082	1.7	1.7 J	PERCENT	D3
SW9060/NONE	SE	OA1102200953-55	FD	Total Organic Carbon	0.077	1.1	1.1 J	PERCENT	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1102200957-59	FD	Total Organic Carbon	0.079	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA1102200961-63	FD	Total Organic Carbon	0.075	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA1102200965-67	FD	Total Organic Carbon	0.074	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1102200969-71	FD	Total Organic Carbon	0.075	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1102200973-75	FD	Total Organic Carbon	0.072	0.97	0.97	PERCENT	
SW9060/NONE	SE	OA1102200977-79	FD	Total Organic Carbon	0.072	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1102200981-83	FD	Total Organic Carbon	0.070	1.0	1.0	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111612

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

3. **PCB Congeners by PCB-SIM**
   An MS was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

4. **Total Organic Carbon by SW9060**
   An MS and a laboratory duplicate (LR) were not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111612

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment (Slicing Event 1)
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111612, Certified - 2/9/2010 M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Evin McKinney
Data Reviewer Title:	Senior Scientist
Date of Review Report:	12-Feb-2010

Samples Included in SDG 09111612

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	12	0
D2216/NONE	12	0
PCBSIM/NONE	12	0
SW9060/NONE	12	0

AUTOMATED DATA REVIEW SUMMARY for 09111612

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111612. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Prep Hold Time

Test Hold Time

Lab Replicate RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Negative Blank

Calibration Blank

Equip Blank

MS Recovery

Confirmation Column Difference

Field Blank

MS RPD

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 09111612

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 6.77% (49 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

ADR Case Narrative.

Evin McKinney

12-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122L02	091122L02	NA	LABQC	SQ	LABQC	0991301314		11/22/2009 12:00	12/05/2009 5:54	LB
	091122L02	NA	LABQC	SQ	LABQC	0991301314		11/22/2009 12:00	12/05/2009 6:17	BS
	091122L02	NA	LABQC	SQ	LABQC	0991301314		11/22/2009 12:00	12/05/2009 6:41	BD
091122L03	091122L03	NA	LABQC	SQ	LABQC	0991301315		11/22/2009 12:00	12/07/2009 11:10	LB
	091122L03	NA	LABQC	SQ	LABQC	0991301315		11/22/2009 12:00	12/07/2009 11:33	BS
	091122L03	NA	LABQC	SQ	LABQC	0991301315		11/22/2009 12:00	12/07/2009 12:01	BD
091122S02	091122L02	NA	OA12	SE	OA1201200901	091116121		11/18/2009 12:00	12/08/2009 2:56	N
	091122L02	NA	OA12	SE	OA1201200901	091116121		11/18/2009 12:00	12/08/2009 2:56	N
	091122L02	NA	OA12	SE	OA1201200903	091116122		11/18/2009 12:00	12/08/2009 3:19	N
	091122L02	NA	OA12	SE	OA1201200903	091116122		11/18/2009 12:00	12/08/2009 3:19	N
	091122L02	NA	OA12	SE	OA1201200905	091116123		11/18/2009 12:00	12/08/2009 3:43	N
	091122L02	NA	OA12	SE	OA1201200905	091116123		11/18/2009 12:00	12/08/2009 3:43	N
	091122L02	NA	OA12	SE	OA1201200907	091116124		11/18/2009 12:00	12/08/2009 4:06	N
	091122L02	NA	OA12	SE	OA1201200907	091116124		11/18/2009 12:00	12/08/2009 4:06	N
	091122L02	NA	OA12	SE	OA1201200909-11	0911161221		11/18/2009 12:00	12/08/2009 4:30	N
	091122L02	NA	OA12	SE	OA1201200909-11	0911161221		11/18/2009 12:00	12/08/2009 4:30	N
091122S03	091122L03	NA	OA12	SE	OA1201200913-15	0911161222		11/18/2009 12:00	12/08/2009 4:53	N
	091122L03	NA	OA12	SE	OA1201200913-15	0911161222		11/18/2009 12:00	12/08/2009 4:53	N
	091122L03	NA	OA12	SE	OA1201200917-19	0911161223		11/18/2009 12:00	12/08/2009 5:17	N
	091122L03	NA	OA12	SE	OA1201200917-19	0911161223		11/18/2009 12:00	12/08/2009 5:17	N
	091122L03	NA	OA12	SE	OA1201200921-23	0911161224		11/18/2009 12:00	12/08/2009 12:12	N
	091122L03	NA	OA12	SE	OA1201200921-23	0911161224		11/18/2009 12:00	12/08/2009 12:12	N
	091122L03	NA	OA12	SE	OA1201200925-27	0911161225		11/18/2009 12:00	12/08/2009 12:36	N
	091122L03	NA	OA12	SE	OA1201200925-27	0911161225		11/18/2009 12:00	12/08/2009 12:36	N
	091122L03	NA	OA12	SE	OA1201200929-31	0911161226		11/18/2009 12:00	12/08/2009 1:04	N
	091122L03	NA	OA12	SE	OA1201200929-31	0911161226		11/18/2009 12:00	12/08/2009 1:04	N
	091122L03	NA	OA12	SE	OA1201200933-35	0911161227		11/18/2009 12:00	12/08/2009 1:27	N

AUTOMATED DATA REVIEW SUMMARY for 09111612

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122S03	091122L03	NA	OA12	SE	OA1201200933-35	0911161227		11/18/2009 12:00	12/08/2009 1:27	N
	091122L03	NA	OA12	SE	OA1201200937-39	0911161228		11/18/2009 12:00	12/08/2009 1:51	N
	091122L03	NA	OA12	SE	OA1201200937-39	0911161228		11/18/2009 12:00	12/08/2009 1:51	N
091122S02	091122L02	NA	OA12	SE	OA1201200901	091116121		11/18/2009 12:00	12/08/2009 6:49	N
	091122L02	NA	OA12	SE	OA1201200903	091116122		11/18/2009 12:00	12/08/2009 7:13	N
	091122L02	NA	OA12	SE	OA1201200907	091116124		11/18/2009 12:00	12/08/2009 7:37	N
	091122L02	NA	OA12	SE	OA1201200909-11	0911161221		11/18/2009 12:00	12/08/2009 8:00	N
091122S03	091122L03	NA	OA12	SE	OA1201200913-15	0911161222		11/18/2009 12:00	12/08/2009 8:24	N
	091122L03	NA	OA12	SE	OA1201200917-19	0911161223		11/18/2009 12:00	12/08/2009 8:47	N

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOIBB	NA	NA	LABQC	SQ	LABQC	099050141668		11/21/2009 1:00	11/21/2009 1:00	LB
91121MOIDB	NA	NA	OA12	SE	OA1201200921-23	0911161224		11/18/2009 12:00	11/21/2009 1:00	LR
	NA	NA	OA12	SE	OA1201200917-19	0911161223		11/18/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA12	SE	OA1201200925-27	0911161225		11/18/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA12	SE	OA1201200921-23	0911161224		11/18/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA12	SE	OA1201200913-15	0911161222		11/18/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA12	SE	OA1201200909-11	0911161221		11/18/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA12	SE	OA1201200903	091116122		11/18/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA12	SE	OA1201200907	091116124		11/18/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA12	SE	OA1201200905	091116123		11/18/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA12	SE	OA1201200901	091116121		11/18/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA12	SE	OA1201200937-39	0911161228		11/18/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA12	SE	OA1201200933-35	0911161227		11/18/2009 12:00	11/21/2009 1:00	N
	NA	NA	OA12	SE	OA1201200929-31	0911161226		11/18/2009 12:00	11/21/2009 1:00	N

AUTOMATED DATA REVIEW SUMMARY for 09111612

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122L06A	091122L06A	NA	LABQC	SQ	LABQC	0991301734		11/22/2009 12:00	12/05/2009 11:51	BS
	091122L06A	NA	LABQC	SQ	LABQC	0991301734		11/22/2009 12:00	12/05/2009 12:21	BD
091122S06	091122L06A	NA	OA12	SE	OA1201200905	091116123		11/18/2009 12:00	12/06/2009 2:04	N
	091122L06A	NA	OA12	SE	OA1201200905	091116123		11/18/2009 12:00	12/06/2009 2:04	N
091122L06A	091122L06A	NA	LABQC	SQ	LABQC	0991301734		11/22/2009 12:00	12/12/2009 1:45	LB
091213L06	091213L06	NA	LABQC	SQ	LABQC	0991301783		12/13/2009 12:00	12/30/2009 2:34	LB
	091213L06	NA	LABQC	SQ	LABQC	0991301783		12/13/2009 12:00	12/30/2009 4:00	BS
	091213L06	NA	LABQC	SQ	LABQC	0991301783		12/13/2009 12:00	12/30/2009 4:57	BD
091213S05	091213L05	NA	OA12	SE	OA1201200901	091116121		11/18/2009 12:00	12/31/2009 3:04	N
	091213L05	NA	OA12	SE	OA1201200903	091116122		11/18/2009 12:00	12/31/2009 3:32	N
	091213L05	NA	OA12	SE	OA1201200907	091116124		11/18/2009 12:00	12/31/2009 3:59	N
	091213L05	NA	OA12	SE	OA1201200909-11	0911161221		11/18/2009 12:00	12/31/2009 4:26	N
	091213L05	NA	OA12	SE	OA1201200913-15	0911161222		11/18/2009 12:00	12/31/2009 4:53	N
	091213L05	NA	OA12	SE	OA1201200917-19	0911161223		11/18/2009 12:00	12/31/2009 5:20	N
091213L05	091213L05	NA	LABQC	SQ	LABQC	0991301784		12/13/2009 12:00	12/31/2009 2:31	LB
	091213L05	NA	LABQC	SQ	LABQC	0991301784		12/13/2009 12:00	12/31/2009 2:58	BS
091213S06	091213L06	NA	OA12	SE	OA1201200921-23	0911161224		11/18/2009 12:00	12/31/2009 3:11	N
091213L05	091213L05	NA	LABQC	SQ	LABQC	0991301784		12/13/2009 12:00	12/31/2009 3:26	BD
091213S06	091213L06	NA	OA12	SE	OA1201200925-27	0911161225		11/18/2009 12:00	12/31/2009 3:40	N
	091213L06	NA	OA12	SE	OA1201200929-31	0911161226		11/18/2009 12:00	12/31/2009 4:10	N
	091213L06	NA	OA12	SE	OA1201200933-35	0911161227		11/18/2009 12:00	12/31/2009 4:39	N
	091213L06	NA	OA12	SE	OA1201200937-39	0911161228		11/18/2009 12:00	12/31/2009 6:06	N

AUTOMATED DATA REVIEW SUMMARY for 09111612

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91201TOCS1	NA	NA	OA12	SE	OA1201200937-39	0911161228		11/18/2009 12:00	12/01/2009 2:15	N
	NA	NA	OA12	SE	OA1201200929-31	0911161226		11/18/2009 12:00	12/01/2009 2:15	N
	NA	NA	OA12	SE	OA1201200933-35	0911161227		11/18/2009 12:00	12/01/2009 2:15	N
	NA	NA	OA12	SE	OA1201200901	091116121		11/18/2009 12:00	12/01/2009 2:15	N
91201TOCL1	NA	NA	LABQC	SQ	LABQC	09906013420		12/01/2009 2:15	12/01/2009 2:15	BS
	NA	NA	LABQC	SQ	LABQC	09906013420		12/01/2009 2:15	12/01/2009 2:15	LB
91201TOCS1	NA	NA	OA12	SE	OA1201200903	091116122		11/18/2009 12:00	12/01/2009 2:15	N
	NA	NA	OA12	SE	OA1201200905	091116123		11/18/2009 12:00	12/01/2009 2:15	N
	NA	NA	OA12	SE	OA1201200907	091116124		11/18/2009 12:00	12/01/2009 2:15	N
	NA	NA	OA12	SE	OA1201200917-19	0911161223		11/18/2009 12:00	12/01/2009 2:15	N
	NA	NA	OA12	SE	OA1201200921-23	0911161224		11/18/2009 12:00	12/01/2009 2:15	N
	NA	NA	OA12	SE	OA1201200925-27	0911161225		11/18/2009 12:00	12/01/2009 2:15	N
	NA	NA	OA12	SE	OA1201200913-15	0911161222		11/18/2009 12:00	12/01/2009 2:15	N
	NA	NA	OA12	SE	OA1201200909-11	0911161221		11/18/2009 12:00	12/01/2009 2:15	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
PCBSIM / SW3545	Blank	P091122L06ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	4.3	ug/kg	U/None	< 1.9	< 8.5	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1201200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.7	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.7	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.7	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.7	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200901	N	2,2',5-TRICHLOROBIPHENYL	9.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200901	N	2,4,4'-TRICHLOROBIPHENYL	9.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,2',5-TRICHLOROBIPHENYL	8.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,4,4'-TRICHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.5	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	PCB-138/158	8.5	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	5.1 J	5.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1201200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,4,4'-TRICHLOROBIPHENYL	8.5	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200907	N	2,2',5-TRICHLOROBIPHENYL	7.9	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200907	N	2,4,4'-TRICHLOROBIPHENYL	7.9	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	2,4'-DICHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,4'-DICHLOROBIPHENYL	9.0	3.4 J	3.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	36.0	36.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	9.0	37.0	37.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	PCB-138/158	9.0	37.0	37.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.0	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.0	46.0	46.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	31.0	31.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	43.0	43.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	33.0	33.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.2	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	2.8 J	2.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1201200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.0	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1201200901	N	p,p'-DDD	9.7	270	270 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200901	N	o,p'-DDE	9.7	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200901	N	p,p'-DDE	49.0	1000 D	1000 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.7	440	440 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200901	N	1,1-bis(p-chlorophenyl)ethane	9.7	67.0	67.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200901	N	p,p'-DDT	9.7	12.0	12.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200903	N	o,p'-DDE	8.4	190	190 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200903	N	p,p'-DDE	42.0	900 D	900 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	460	460 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200903	N	1,1-bis(p-chlorophenyl)ethane	8.4	66.0	66.0 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1201200907	N	o,p'-DDD	7.9	51.0	51.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200907	N	p,p'-DDD	7.9	600	600 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200907	N	o,p'-DDE	7.9	190	190 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.9	550	550 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200907	N	1,1-bis(p-chlorophenyl)ethane	7.9	86.0	86.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200907	N	o,p'-DDT	7.9	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1201200909-11	N	o,p'-DDE	8.1	600	600 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200909-11	N	p,p'-DDE	81.0	2400 D	2400 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	81.0	1400 D	1400 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200909-11	N	p,p'-DDT	8.1	6.2 J	6.2 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1201200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	200	3800 D	3800 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200913-15	N	p,p'-DDT	10.0	13.0	13.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200917-19	N	o,p'-DDE	9.0	530	530 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200917-19	N	p,p'-DDE	90.0	2900 D	2900 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	90.0	1100 D	1100 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200917-19	N	o,p'-DDT	9.0	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1201200917-19	N	p,p'-DDT	9.0	9.3	9.3 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200921-23	N	p,p'-DDE	7.2	480	480 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	200	200 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.2	78.0	78.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200921-23	N	p,p'-DDT	7.2	59.0	59.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200925-27	N	o,p'-DDD	7.0	5.1 J	5.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1201200925-27	N	p,p'-DDD	7.0	17.0	17.0 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1201200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	88.0	88.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200925-27	N	p,p'-DDT	7.0	10.0	10.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200929-31	N	o,p'-DDD	7.2	6.3 J	6.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1201200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200933-35	N	p,p'-DDD	7.0	10.0	10.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200933-35	N	p,p'-DDE	7.0	75.0	75.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200937-39	N	o,p'-DDD	6.8	6.8 U	6.8 UJ	ug/kg	D3
BNASIM/NONE	SE	OA1201200937-39	N	p,p'-DDD	6.8	48.0	48.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200937-39	N	o,p'-DDE	6.8	2.9 J	2.9 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1201200937-39	N	p,p'-DDE	6.8	18.0	18.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	9.7	9.7 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200937-39	N	1,1-bis(p-chlorophenyl)ethane	6.8	6.8 U	6.8 UJ	ug/kg	D3
BNASIM/NONE	SE	OA1201200937-39	N	p,p'-DDT	6.8	27.0	27.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1201200901	N	o,p'-DDD	9.7	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA1201200901	N	p,p'-DDD	9.7	270	270 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200901	N	o,p'-DDE	9.7	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200901	N	p,p'-DDE	49.0	1000 D	1000 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.7	440	440 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200901	N	1,1-bis(p-chlorophenyl)ethane	9.7	67.0	67.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200901	N	p,p'-DDT	9.7	12.0	12.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200903	N	o,p'-DDD	8.4	29.0	29.0	ug/kg	
BNASIM/NONE	SE	OA1201200903	N	p,p'-DDD	8.4	110	110	ug/kg	
BNASIM/NONE	SE	OA1201200903	N	o,p'-DDE	8.4	190	190 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200903	N	p,p'-DDE	42.0	900 D	900 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	460	460 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200903	N	1,1-bis(p-chlorophenyl)ethane	8.4	66.0	66.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200905	N	o,p'-DDD	8.5	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA1201200905	N	p,p'-DDD	8.5	78.0	78.0	ug/kg	
BNASIM/NONE	SE	OA1201200905	N	o,p'-DDE	8.5	110	110	ug/kg	
BNASIM/NONE	SE	OA1201200905	N	p,p'-DDE	8.5	660	660	ug/kg	
BNASIM/NONE	SE	OA1201200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.5	280	280	ug/kg	
BNASIM/NONE	SE	OA1201200905	N	1,1-bis(p-chlorophenyl)ethane	8.5	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA1201200907	N	o,p'-DDD	7.9	51.0	51.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200907	N	p,p'-DDD	7.9	600	600 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200907	N	o,p'-DDE	7.9	190	190 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1201200907	N	p,p'-DDE	40.0	860 D	860	ug/kg	
BNASIM/NONE	SE	OA1201200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.9	550	550 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200907	N	1,1-bis(p-chlorophenyl)ethane	7.9	86.0	86.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200907	N	o,p'-DDT	7.9	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1201200907	N	p,p'-DDT	7.9	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA1201200909-11	N	o,p'-DDD	8.1	84.0	84.0	ug/kg	
BNASIM/NONE	SE	OA1201200909-11	N	p,p'-DDD	8.1	330	330	ug/kg	
BNASIM/NONE	SE	OA1201200909-11	N	o,p'-DDE	8.1	600	600 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200909-11	N	p,p'-DDE	81.0	2400 D	2400 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	81.0	1400 D	1400 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200909-11	N	1,1-bis(p-chlorophenyl)ethane	8.1	290	290	ug/kg	
BNASIM/NONE	SE	OA1201200909-11	N	o,p'-DDT	8.1	9.6	9.6	ug/kg	
BNASIM/NONE	SE	OA1201200909-11	N	p,p'-DDT	8.1	6.2 J	6.2 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1201200913-15	N	o,p'-DDD	10.0	190	190	ug/kg	
BNASIM/NONE	SE	OA1201200913-15	N	p,p'-DDD	10.0	870	870	ug/kg	
BNASIM/NONE	SE	OA1201200913-15	N	o,p'-DDE	200	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA1201200913-15	N	p,p'-DDE	200	6700 D	6700	ug/kg	
BNASIM/NONE	SE	OA1201200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	200	3800 D	3800 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200913-15	N	1,1-bis(p-chlorophenyl)ethane	10.0	690	690	ug/kg	
BNASIM/NONE	SE	OA1201200913-15	N	o,p'-DDT	10.0	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA1201200913-15	N	p,p'-DDT	10.0	13.0	13.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200917-19	N	o,p'-DDD	9.0	86.0	86.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1201200917-19	N	p,p'-DDD	9.0	370	370	ug/kg	
BNASIM/NONE	SE	OA1201200917-19	N	o,p'-DDE	9.0	530	530 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200917-19	N	p,p'-DDE	90.0	2900 D	2900 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	90.0	1100 D	1100 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200917-19	N	1,1-bis(p-chlorophenyl)ethane	9.0	300	300	ug/kg	
BNASIM/NONE	SE	OA1201200917-19	N	o,p'-DDT	9.0	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1201200917-19	N	p,p'-DDT	9.0	9.3	9.3 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200921-23	N	o,p'-DDD	7.2	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA1201200921-23	N	p,p'-DDD	7.2	68.0	68.0	ug/kg	
BNASIM/NONE	SE	OA1201200921-23	N	o,p'-DDE	7.2	81.0	81.0	ug/kg	
BNASIM/NONE	SE	OA1201200921-23	N	p,p'-DDE	7.2	480	480 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	200	200 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.2	78.0	78.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200921-23	N	o,p'-DDT	7.2	9.6	9.6	ug/kg	
BNASIM/NONE	SE	OA1201200921-23	N	p,p'-DDT	7.2	59.0	59.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200925-27	N	o,p'-DDD	7.0	5.1 J	5.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1201200925-27	N	p,p'-DDD	7.0	17.0	17.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200925-27	N	o,p'-DDE	7.0	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA1201200925-27	N	p,p'-DDE	7.0	130	130	ug/kg	
BNASIM/NONE	SE	OA1201200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	88.0	88.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.0	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA1201200925-27	N	p,p'-DDT	7.0	10.0	10.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1201200929-31	N	o,p'-DDD	7.2	6.3 J	6.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1201200929-31	N	p,p'-DDD	7.2	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA1201200929-31	N	o,p'-DDE	7.2	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA1201200929-31	N	p,p'-DDE	7.2	140	140	ug/kg	
BNASIM/NONE	SE	OA1201200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.2	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA1201200929-31	N	p,p'-DDT	7.2	8.8	8.8	ug/kg	
BNASIM/NONE	SE	OA1201200933-35	N	p,p'-DDD	7.0	10.0	10.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200933-35	N	o,p'-DDE	7.0	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA1201200933-35	N	p,p'-DDE	7.0	75.0	75.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	59.0	59.0	ug/kg	
BNASIM/NONE	SE	OA1201200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.0	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA1201200937-39	N	p,p'-DDD	6.8	48.0	48.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200937-39	N	o,p'-DDE	6.8	2.9 J	2.9 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1201200937-39	N	p,p'-DDE	6.8	18.0	18.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	9.7	9.7 J	ug/kg	D3
BNASIM/NONE	SE	OA1201200937-39	N	p,p'-DDT	6.8	27.0	27.0 J	ug/kg	D3

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1201200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.7	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1201200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.7	5.4 J	5.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1201200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.7	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.7	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1201200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.7	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1201200901	N	PCB-138/158	9.7	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1201200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.7	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1201200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.7	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1201200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.7	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1201200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.7	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1201200901	N	2,2',5-TRICHLOROBIPHENYL	9.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200901	N	2,4,4'-TRICHLOROBIPHENYL	9.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1201200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1201200903	N	PCB-138/158	8.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1201200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1201200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	OA1201200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	9.6	9.6	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1201200903	N	2,2',5-TRICHLOROBIPHENYL	8.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200903	N	2,4,4'-TRICHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.5	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	PCB-138/158	8.5	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.5	24.0 B	24.0	ug/kg	
PCBSIM/NONE	SE	OA1201200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200905	N	2,4,4'-TRICHLOROBIPHENYL	8.5	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1201200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1201200907	N	PCB-138/158	7.9	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1201200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1201200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	7.2 J	7.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1201200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA1201200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1201200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1201200907	N	2,2',5-TRICHLOROBIPHENYL	7.9	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200907	N	2,4,4'-TRICHLOROBIPHENYL	7.9	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1201200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1201200909-11	N	PCB-138/158	8.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1201200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1201200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	OA1201200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1201200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1201200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	2,4'-DICHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	20.0	20.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	73.0	73.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	81.0	81.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	PCB-138/158	10.0	78.0	78.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	95.0	95.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	63.0	63.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	86.0	86.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	72.0	72.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200913-15	N	2,2',5-TRICHLOROBIPHENYL	10.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA1201200913-15	N	2,4,4'-TRICHLOROBIPHENYL	10.0	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA1201200917-19	N	2,4'-DICHLOROBIPHENYL	9.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	8.2 J	8.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	36.0	36.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	9.0	37.0	37.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	PCB-138/158	9.0	37.0	37.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.0	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.0	46.0	46.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	31.0	31.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	43.0	43.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	33.0	33.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1201200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200917-19	N	2,2',5-TRICHLOROBIPHENYL	9.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1201200917-19	N	2,4,4'-TRICHLOROBIPHENYL	9.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	OA1201200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	8.1	8.1	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1201200921-23	N	PCB-138/158	7.2	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1201200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	7.4	7.4	ug/kg	
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA1201200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.2	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.0	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1201200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1201200901	N	Moisture	0.10	48.6	48.6	PERCENT	
D2216/NONE	SE	OA1201200903	N	Moisture	0.10	40.4	40.4	PERCENT	
D2216/NONE	SE	OA1201200905	N	Moisture	0.10	41.5	41.5	PERCENT	
D2216/NONE	SE	OA1201200907	N	Moisture	0.10	37.0	37.0	PERCENT	
D2216/NONE	SE	OA1201200909-11	N	Moisture	0.10	38.1	38.1	PERCENT	
D2216/NONE	SE	OA1201200913-15	N	Moisture	0.10	50.0	50.0	PERCENT	
D2216/NONE	SE	OA1201200917-19	N	Moisture	0.10	44.7	44.7	PERCENT	
D2216/NONE	SE	OA1201200921-23	N	Moisture	0.10	30.3	30.3	PERCENT	
D2216/NONE	SE	OA1201200925-27	N	Moisture	0.10	28.9	28.9	PERCENT	
D2216/NONE	SE	OA1201200929-31	N	Moisture	0.10	30.5	30.5	PERCENT	
D2216/NONE	SE	OA1201200933-35	N	Moisture	0.10	28.6	28.6	PERCENT	
D2216/NONE	SE	OA1201200937-39	N	Moisture	0.10	26.0	26.0	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1201200901	N	Total Organic Carbon	0.097	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1201200903	N	Total Organic Carbon	0.084	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA1201200905	N	Total Organic Carbon	0.085	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA1201200907	N	Total Organic Carbon	0.079	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1201200909-11	N	Total Organic Carbon	0.081	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA1201200913-15	N	Total Organic Carbon	0.10	3.0	3.0	PERCENT	
SW9060/NONE	SE	OA1201200917-19	N	Total Organic Carbon	0.090	2.5	2.5	PERCENT	
SW9060/NONE	SE	OA1201200921-23	N	Total Organic Carbon	0.072	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1201200925-27	N	Total Organic Carbon	0.070	0.96	0.96	PERCENT	
SW9060/NONE	SE	OA1201200929-31	N	Total Organic Carbon	0.072	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1201200933-35	N	Total Organic Carbon	0.070	1.0	1.0	PERCENT	
SW9060/NONE	SE	OA1201200937-39	N	Total Organic Carbon	0.068	0.89	0.89	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111613

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

3. **Moisture by D2216**
   A laboratory duplicate (LR) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111613

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111613, Certified - 2/9/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 12-Feb-2010

Samples Included in SDG 09111613

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	0	13
D2216/NONE	0	13
PCBSIM/NONE	0	13
SW9060/NONE	0	13

AUTOMATED DATA REVIEW SUMMARY for 09111613

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111613. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

BS RPD

LCS Recovery

Blank

Field Duplicate RPD

Prep Hold Time

MS Recovery

Test Hold Time

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Negative Blank

Confirmation Column Difference

Field Blank

Lab Replicate RPD

Calibration Blank

Equip Blank

Calibration Blank - Negative

Continuing Calibration Verification

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 09111613

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 7.26% (52 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

ADR Case Narrative.

AUTOMATED DATA REVIEW SUMMARY for 09111613

Evin McKinney

12-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111613

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121L08	091121L08	NA	LABQC	SQ	LABQC	0991301312		11/21/2009 12:00	12/04/2009 10:37	LB
	091121L08	NA	LABQC	SQ	LABQC	0991301312		11/21/2009 12:00	12/04/2009 11:02	BS
	091121L08	NA	LABQC	SQ	LABQC	0991301312		11/21/2009 12:00	12/04/2009 11:25	BD
091121S08	091121L08	NA	OA12	SE	OA1202200901	091116131		11/18/2009 12:00	12/08/2009 9:10	FD
	091121L08	NA	OA12	SE	OA1202200901	091116131		11/18/2009 12:00	12/08/2009 9:10	FD
	091121L08	NA	OA12	SE	OA1202200903	091116132		11/18/2009 12:00	12/08/2009 9:34	FD
	091121L08	NA	OA12	SE	OA1202200903	091116132		11/18/2009 12:00	12/08/2009 9:34	FD
	091121L08	NA	OA12	SE	OA1202200905	091116133		11/18/2009 12:00	12/08/2009 9:58	FD
	091121L08	NA	OA12	SE	OA1202200905	091116133		11/18/2009 12:00	12/08/2009 9:58	FD
	091121L08	NA	OA12	SE	OA1202200907	091116134		11/18/2009 12:00	12/08/2009 10:21	FD
	091121L08	NA	OA12	SE	OA1202200907	091116134		11/18/2009 12:00	12/08/2009 10:21	FD
	091121L08	NA	OA12	SE	OA1202200941	0911161321		11/18/2009 12:00	12/08/2009 10:44	FD
	091121L08	NA	OA12	SE	OA1202200941	0911161321		11/18/2009 12:00	12/08/2009 10:44	FD
	091121L08	NA	OA12	SE	OA1202200909-11	0911161322		11/18/2009 12:00	12/08/2009 11:08	FD
	091121L08	NA	OA12	SE	OA1202200909-11	0911161322		11/18/2009 12:00	12/08/2009 11:08	FD
	091121L08	NA	OA12	SE	OA1202200913-15	0911161323		11/18/2009 12:00	12/08/2009 11:31	FD
	091121L08	NA	OA12	SE	OA1202200913-15	0911161323		11/18/2009 12:00	12/08/2009 11:31	FD
	091121L08	NA	OA12	SE	OA1202200917-19	0911161324		11/18/2009 12:00	12/08/2009 11:55	FD
	091121L08	NA	OA12	SE	OA1202200917-19	0911161324		11/18/2009 12:00	12/08/2009 11:55	FD
	091121L08	NA	OA12	SE	OA1202200921-23	0911161325		11/18/2009 12:00	12/09/2009 12:18	FD
	091121L08	NA	OA12	SE	OA1202200921-23	0911161325		11/18/2009 12:00	12/09/2009 12:18	FD
	091121L08	NA	OA12	SE	OA1202200925-27	0911161326		11/18/2009 12:00	12/09/2009 12:42	FD
	091121L08	NA	OA12	SE	OA1202200925-27	0911161326		11/18/2009 12:00	12/09/2009 12:42	FD
	091121L08	NA	OA12	SE	OA1202200929-31	0911161327		11/18/2009 12:00	12/09/2009 1:05	FD
	091121L08	NA	OA12	SE	OA1202200929-31	0911161327		11/18/2009 12:00	12/09/2009 1:05	FD
	091121L08	NA	OA12	SE	OA1202200933-35	0911161328		11/18/2009 12:00	12/09/2009 1:29	FD
	091121L08	NA	OA12	SE	OA1202200933-35	0911161328		11/18/2009 12:00	12/09/2009 1:29	FD

AUTOMATED DATA REVIEW SUMMARY for 09111613

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121S08	091121L08	NA	OA12	SE	OA1202200937-39	0911161329		11/18/2009 12:00	12/09/2009 1:52	FD
	091121L08	NA	OA12	SE	OA1202200937-39	0911161329		11/18/2009 12:00	12/09/2009 1:52	FD
	091121L08	NA	OA12	SE	OA1202200909-11	0911161322		11/18/2009 12:00	12/09/2009 9:13	FD
	091121L08	NA	OA12	SE	OA1202200913-15	0911161323		11/18/2009 12:00	12/09/2009 9:36	FD
	091121L08	NA	OA12	SE	OA1202200917-19	0911161324		11/18/2009 12:00	12/09/2009 10:00	FD

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOIDB	NA	NA	OA12	SE	OA1202200905	091116133		11/18/2009 12:00	11/21/2009 1:00	FD
	NA	NA	OA12	SE	OA1202200903	091116132		11/18/2009 12:00	11/21/2009 1:00	FD
	NA	NA	OA12	SE	OA1202200901	091116131		11/18/2009 12:00	11/21/2009 1:00	FD
91121MOIBB	NA	NA	LABQC	SQ	LABQC	099050141668		11/21/2009 1:00	11/21/2009 1:00	LB
91121MOIBE	NA	NA	LABQC	SQ	LABQC	099050141670		11/21/2009 2:30	11/21/2009 2:30	LB
91121MOIDE	NA	NA	OA12	SE	OA1202200909-11	0911161322		11/18/2009 12:00	11/21/2009 2:30	FD
	NA	NA	OA12	SE	OA1202200907	091116134		11/18/2009 12:00	11/21/2009 2:30	FD
	NA	NA	OA12	SE	OA1202200917-19	0911161324		11/18/2009 12:00	11/21/2009 2:30	FD
	NA	NA	OA12	SE	OA1202200913-15	0911161323		11/18/2009 12:00	11/21/2009 2:30	FD
	NA	NA	OA12	SE	OA1202200929-31	0911161327		11/18/2009 12:00	11/21/2009 2:30	FD
	NA	NA	OA12	SE	OA1202200925-27	0911161326		11/18/2009 12:00	11/21/2009 2:30	FD
	NA	NA	OA12	SE	OA1202200921-23	0911161325		11/18/2009 12:00	11/21/2009 2:30	FD
	NA	NA	OA12	SE	OA1202200941	0911161321		11/18/2009 12:00	11/21/2009 2:30	FD
91121MOIDF	NA	NA	OA12	SE	OA1202200937-39	0911161329		11/18/2009 12:00	11/21/2009 3:30	FD
	NA	NA	OA12	SE	OA1202200933-35	0911161328		11/18/2009 12:00	11/21/2009 3:30	FD
91121MOIBF	NA	NA	LABQC	SQ	LABQC	099050141671		11/21/2009 3:30	11/21/2009 3:30	LB

AUTOMATED DATA REVIEW SUMMARY for 09111613

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091121L13A	091121L13A	NA	LABQC	SQ	LABQC	0991301732		11/21/2009 12:00	12/04/2009 11:48	BS
	091121L13A	NA	LABQC	SQ	LABQC	0991301732		11/21/2009 12:00	12/04/2009 12:19	BD
091121S13	091121L13A	NA	OA12	SE	OA1202200901	091116131		11/18/2009 12:00	12/07/2009 5:43	FD
	091121L13A	NA	OA12	SE	OA1202200901	091116131		11/18/2009 12:00	12/07/2009 5:43	FD
	091121L13A	NA	OA12	SE	OA1202200905	091116133		11/18/2009 12:00	12/07/2009 6:42	FD
	091121L13A	NA	OA12	SE	OA1202200905	091116133		11/18/2009 12:00	12/07/2009 6:42	FD
	091121L13A	NA	OA12	SE	OA1202200907	091116134		11/18/2009 12:00	12/07/2009 7:12	FD
	091121L13A	NA	OA12	SE	OA1202200907	091116134		11/18/2009 12:00	12/07/2009 7:12	FD
091121L13A	091121L13A	NA	LABQC	SQ	LABQC	0991301732		11/21/2009 12:00	12/12/2009 12:46	LB
091213L06	091213L06	NA	LABQC	SQ	LABQC	0991301783		12/13/2009 12:00	12/30/2009 2:34	LB
	091213L06	NA	LABQC	SQ	LABQC	0991301783		12/13/2009 12:00	12/30/2009 4:00	BS
	091213L06	NA	LABQC	SQ	LABQC	0991301783		12/13/2009 12:00	12/30/2009 4:57	BD
091213S06	091213L06	NA	OA12	SE	OA1202200925-27	0911161326		11/18/2009 12:00	12/30/2009 5:25	MS
	091213L06	NA	OA12	SE	OA1202200925-27	0911161326		11/18/2009 12:00	12/30/2009 5:54	SD
	091213L06	NA	OA12	SE	OA1202200941	0911161321		11/18/2009 12:00	12/30/2009 6:51	FD
	091213L06	NA	OA12	SE	OA1202200921-23	0911161325		11/18/2009 12:00	12/30/2009 8:46	FD
	091213L06	NA	OA12	SE	OA1202200925-27	0911161326		11/18/2009 12:00	12/30/2009 9:14	FD
	091213L06	NA	OA12	SE	OA1202200929-31	0911161327		11/18/2009 12:00	12/30/2009 9:43	FD
	091213L06	NA	OA12	SE	OA1202200933-35	0911161328		11/18/2009 12:00	12/30/2009 10:11	FD
	091213L06	NA	OA12	SE	OA1202200937-39	0911161329		11/18/2009 12:00	12/30/2009 10:41	FD
	091213L06	NA	OA12	SE	OA1202200909-11	0911161322		11/18/2009 12:00	12/31/2009 5:52	FD
	091213L06	NA	OA12	SE	OA1202200913-15	0911161323		11/18/2009 12:00	12/31/2009 6:20	FD
	091213L06	NA	OA12	SE	OA1202200917-19	0911161324		11/18/2009 12:00	01/04/2010 12:17	FD
	091213L06	NA	OA12	SE	OA1202200903	091116132		11/18/2009 12:00	01/04/2010 12:48	FD

AUTOMATED DATA REVIEW SUMMARY for 09111613

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91201TOCS1	NA	NA	OA12	SE	OA1202200901	091116131		11/18/2009 12:00	12/01/2009 2:15	FD
91201TOCL1	NA	NA	LABQC	SQ	LABQC	09906013420		12/01/2009 2:15	12/01/2009 2:15	BS
	NA	NA	LABQC	SQ	LABQC	09906013420		12/01/2009 2:15	12/01/2009 2:15	LB
91201TOCS1	NA	NA	OA12	SE	OA1202200907	091116134		11/18/2009 12:00	12/01/2009 2:15	FD
	NA	NA	OA12	SE	OA1202200905	091116133		11/18/2009 12:00	12/01/2009 2:15	FD
	NA	NA	OA12	SE	OA1202200903	091116132		11/18/2009 12:00	12/01/2009 2:15	FD
	NA	NA	OA12	SE	OA1202200941	0911161321		11/18/2009 12:00	12/01/2009 2:15	MS
	NA	NA	OA12	SE	OA1202200941	0911161321		11/18/2009 12:00	12/01/2009 2:15	SD
	NA	NA	OA12	SE	OA1202200941	0911161321		11/18/2009 12:00	12/01/2009 2:15	FD
91202TOCS1	NA	NA	OA12	SE	OA1202200933-35	0911161328		11/18/2009 12:00	12/02/2009 2:04	FD
	NA	NA	OA12	SE	OA1202200937-39	0911161329		11/18/2009 12:00	12/02/2009 2:04	FD
	NA	NA	OA12	SE	OA1202200909-11	0911161322		11/18/2009 12:00	12/02/2009 2:04	FD
91202TOCL1	NA	NA	LABQC	SQ	LABQC	09906013429		12/02/2009 2:04	12/02/2009 2:04	BS
	NA	NA	LABQC	SQ	LABQC	09906013429		12/02/2009 2:04	12/02/2009 2:04	LB
91202TOCS1	NA	NA	OA12	SE	OA1202200913-15	0911161323		11/18/2009 12:00	12/02/2009 2:04	FD
	NA	NA	OA12	SE	OA1202200917-19	0911161324		11/18/2009 12:00	12/02/2009 2:04	FD
	NA	NA	OA12	SE	OA1202200929-31	0911161327		11/18/2009 12:00	12/02/2009 2:04	FD
	NA	NA	OA12	SE	OA1202200921-23	0911161325		11/18/2009 12:00	12/02/2009 2:04	FD
	NA	NA	OA12	SE	OA1202200925-27	0911161326		11/18/2009 12:00	12/02/2009 2:04	FD

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
PCBSIM / SW3545	MS Recovery	OA1202200925-27 / MS	1	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	128	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	OA1202200925-27 / MS	1	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	126	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	Blank	P091121L13ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	3.9	ug/kg	U/None	< 1.9	< 7.8	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1202200901	FD	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	12.0 B	12.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA1202200903	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,3,3',4,4',5-Hexachlorobiphenyl	8.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,2',5-TRICHLOROBIPHENYL	8.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,4,4'-TRICHLOROBIPHENYL	8.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,3',4,4',5-Pentachlorobiphenyl	7.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	PCB-138/158	7.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	10.0 B	10.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA1202200905	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,4,4'-TRICHLOROBIPHENYL	7.8	4.8 J	4.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1202200907	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,3',4,4',5-Pentachlorobiphenyl	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	PCB-138/158	7.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.8	9.8 B	9.8 U	ug/kg	B1
PCBSIM/NONE	SE	OA1202200907	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200909-11	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.4	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200909-11	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,4'-DICHLOROBIPHENYL	9.6	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.6	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.6	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.6	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.6	7.0 J	7.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1202200917-19	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	4.2 J	4.2 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200917-19	FD	2,3',4,4',5-Pentachlorobiphenyl	7.8	3.7 J	3.7 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200917-19	FD	PCB-138/158	7.8	7.8 U	7.8 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA1202200917-19	FD	2,3,3',4,4',5-Hexachlorobiphenyl	7.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200917-19	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	5.0 J	5.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200917-19	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200917-19	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	5.0 J	5.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200917-19	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200921-23	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200921-23	FD	2,3',4,4',5-Pentachlorobiphenyl	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200921-23	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200921-23	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200921-23	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1202200901	FD	o,p'-DDD	9.2	8.7 J	8.7 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200901	FD	p,p'-DDD	9.2	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200901	FD	o,p'-DDE	9.2	48.0	48.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200901	FD	p,p'-DDE	9.2	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200901	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.2	100	100 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200901	FD	1,1-bis(p-chlorophenyl)ethane	9.2	16.0	16.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200901	FD	p,p'-DDT	9.2	72.0	72.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200903	FD	o,p'-DDE	8.2	86.0	86.0 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1202200903	FD	p,p'-DDE	8.2	470	470 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200903	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200903	FD	1,1-bis(p-chlorophenyl)ethane	8.2	35.0	35.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200907	FD	o,p'-DDD	7.8	21.0	21.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200907	FD	p,p'-DDD	7.8	96.0	96.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200907	FD	o,p'-DDE	7.8	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200907	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	290	290 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200907	FD	1,1-bis(p-chlorophenyl)ethane	7.8	51.0	51.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200909-11	FD	o,p'-DDE	8.4	310	310 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200909-11	FD	p,p'-DDE	42.0	1200 D	1200 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	42.0	820 D	820 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200909-11	FD	p,p'-DDT	8.4	34.0	34.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200913-15	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	96.0	2200 D	2200 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200913-15	FD	p,p'-DDT	9.6	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200917-19	FD	o,p'-DDE	7.8	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200917-19	FD	p,p'-DDE	39.0	1000 D	1000 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200917-19	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	550	550 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200917-19	FD	o,p'-DDT	7.8	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200917-19	FD	p,p'-DDT	7.8	42.0	42.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200921-23	FD	p,p'-DDE	7.2	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200921-23	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200921-23	FD	1,1-bis(p-chlorophenyl)ethane	7.2	46.0	46.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200921-23	FD	p,p'-DDT	7.2	7.2 U	7.2 UJ	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1202200925-27	FD	o,p'-DDD	7.1	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200925-27	FD	p,p'-DDD	7.1	400	400 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200925-27	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	40.0	40.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200925-27	FD	p,p'-DDT	7.1	38.0	38.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200929-31	FD	o,p'-DDD	7.1	4.3 J	4.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200929-31	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	35.0	35.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200933-35	FD	o,p'-DDD	6.9	3.8 J	3.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200933-35	FD	p,p'-DDD	6.9	56.0	56.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200933-35	FD	p,p'-DDE	6.9	140	140 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	o,p'-DDD	7.8	31.0	31.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	p,p'-DDD	7.8	220	220 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	o,p'-DDE	7.8	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	p,p'-DDE	7.8	700	700 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	230	230 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	1,1-bis(p-chlorophenyl)ethane	7.8	63.0	63.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	p,p'-DDT	7.8	5.6 J	5.6 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1202200941	FD	o,p'-DDE	6.9	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200941	FD	1,1-bis(p-chlorophenyl)ethane	6.9	4.0 J	4.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1202200901	FD	o,p'-DDD	9.2	8.7 J	8.7 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200901	FD	p,p'-DDD	9.2	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200901	FD	o,p'-DDE	9.2	48.0	48.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200901	FD	p,p'-DDE	9.2	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200901	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.2	100	100 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200901	FD	1,1-bis(p-chlorophenyl)ethane	9.2	16.0	16.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200901	FD	p,p'-DDT	9.2	72.0	72.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200903	FD	o,p'-DDD	8.2	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA1202200903	FD	p,p'-DDD	8.2	76.0	76.0	ug/kg	
BNASIM/NONE	SE	OA1202200903	FD	o,p'-DDE	8.2	86.0	86.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200903	FD	p,p'-DDE	8.2	470	470 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200903	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200903	FD	1,1-bis(p-chlorophenyl)ethane	8.2	35.0	35.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200903	FD	p,p'-DDT	8.2	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA1202200905	FD	o,p'-DDD	7.8	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1202200905	FD	p,p'-DDD	7.8	86.0	86.0	ug/kg	
BNASIM/NONE	SE	OA1202200905	FD	o,p'-DDE	7.8	110	110	ug/kg	
BNASIM/NONE	SE	OA1202200905	FD	p,p'-DDE	7.8	600	600	ug/kg	
BNASIM/NONE	SE	OA1202200905	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	280	280	ug/kg	
BNASIM/NONE	SE	OA1202200905	FD	1,1-bis(p-chlorophenyl)ethane	7.8	48.0	48.0	ug/kg	
BNASIM/NONE	SE	OA1202200905	FD	p,p'-DDT	7.8	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA1202200907	FD	o,p'-DDD	7.8	21.0	21.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1202200907	FD	p,p'-DDD	7.8	96.0	96.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200907	FD	o,p'-DDE	7.8	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200907	FD	p,p'-DDE	7.8	590	590	ug/kg	
BNASIM/NONE	SE	OA1202200907	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	290	290 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200907	FD	1,1-bis(p-chlorophenyl)ethane	7.8	51.0	51.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200907	FD	p,p'-DDT	7.8	8.7	8.7	ug/kg	
BNASIM/NONE	SE	OA1202200909-11	FD	o,p'-DDD	8.4	53.0	53.0	ug/kg	
BNASIM/NONE	SE	OA1202200909-11	FD	p,p'-DDD	8.4	270	270	ug/kg	
BNASIM/NONE	SE	OA1202200909-11	FD	o,p'-DDE	8.4	310	310 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200909-11	FD	p,p'-DDE	42.0	1200 D	1200 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	42.0	820 D	820 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200909-11	FD	1,1-bis(p-chlorophenyl)ethane	8.4	210	210	ug/kg	
BNASIM/NONE	SE	OA1202200909-11	FD	p,p'-DDT	8.4	34.0	34.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200913-15	FD	o,p'-DDD	9.6	150	150	ug/kg	
BNASIM/NONE	SE	OA1202200913-15	FD	p,p'-DDD	96.0	770 D	770	ug/kg	
BNASIM/NONE	SE	OA1202200913-15	FD	o,p'-DDE	9.6	900	900	ug/kg	
BNASIM/NONE	SE	OA1202200913-15	FD	p,p'-DDE	96.0	4100 D	4100	ug/kg	
BNASIM/NONE	SE	OA1202200913-15	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	96.0	2200 D	2200 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200913-15	FD	1,1-bis(p-chlorophenyl)ethane	9.6	640	640	ug/kg	
BNASIM/NONE	SE	OA1202200913-15	FD	o,p'-DDT	9.6	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA1202200913-15	FD	p,p'-DDT	9.6	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200917-19	FD	o,p'-DDD	7.8	54.0	54.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1202200917-19	FD	p,p'-DDD	7.8	390	390	ug/kg	
BNASIM/NONE	SE	OA1202200917-19	FD	o,p'-DDE	7.8	210	210 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200917-19	FD	p,p'-DDE	39.0	1000 D	1000 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200917-19	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	550	550 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200917-19	FD	1,1-bis(p-chlorophenyl)ethane	7.8	190	190	ug/kg	
BNASIM/NONE	SE	OA1202200917-19	FD	o,p'-DDT	7.8	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200917-19	FD	p,p'-DDT	7.8	42.0	42.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200921-23	FD	o,p'-DDD	7.2	9.6	9.6	ug/kg	
BNASIM/NONE	SE	OA1202200921-23	FD	p,p'-DDD	7.2	48.0	48.0	ug/kg	
BNASIM/NONE	SE	OA1202200921-23	FD	o,p'-DDE	7.2	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA1202200921-23	FD	p,p'-DDE	7.2	280	280 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200921-23	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200921-23	FD	1,1-bis(p-chlorophenyl)ethane	7.2	46.0	46.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200925-27	FD	o,p'-DDD	7.1	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200925-27	FD	p,p'-DDD	7.1	400	400 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200925-27	FD	o,p'-DDE	7.1	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA1202200925-27	FD	p,p'-DDE	7.1	80.0	80.0	ug/kg	
BNASIM/NONE	SE	OA1202200925-27	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	40.0	40.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200925-27	FD	1,1-bis(p-chlorophenyl)ethane	7.1	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA1202200925-27	FD	p,p'-DDT	7.1	38.0	38.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200929-31	FD	o,p'-DDD	7.1	4.3 J	4.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200929-31	FD	p,p'-DDD	7.1	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1202200929-31	FD	o,p'-DDE	7.1	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA1202200929-31	FD	p,p'-DDE	7.1	91.0	91.0	ug/kg	
BNASIM/NONE	SE	OA1202200929-31	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	35.0	35.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200929-31	FD	1,1-bis(p-chlorophenyl)ethane	7.1	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA1202200933-35	FD	o,p'-DDD	6.9	3.8 J	3.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200933-35	FD	p,p'-DDD	6.9	56.0	56.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200933-35	FD	o,p'-DDE	6.9	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA1202200933-35	FD	p,p'-DDE	6.9	140	140 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200933-35	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA1202200933-35	FD	1,1-bis(p-chlorophenyl)ethane	6.9	9.4	9.4	ug/kg	
BNASIM/NONE	SE	OA1202200937-39	FD	o,p'-DDD	7.8	31.0	31.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	p,p'-DDD	7.8	220	220 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	o,p'-DDE	7.8	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	p,p'-DDE	7.8	700	700 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	230	230 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	1,1-bis(p-chlorophenyl)ethane	7.8	63.0	63.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1202200937-39	FD	p,p'-DDT	7.8	5.6 J	5.6 J	ug/kg	TRD3
BNASIM/NONE	SE	OA1202200941	FD	p,p'-DDD	6.9	110	110	ug/kg	
BNASIM/NONE	SE	OA1202200941	FD	o,p'-DDE	6.9	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1202200941	FD	p,p'-DDE	6.9	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA1202200941	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	23.0	23.0	ug/kg	
BNASIM/NONE	SE	OA1202200941	FD	1,1-bis(p-chlorophenyl)ethane	6.9	4.0 J	4.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1202200941	FD	p,p'-DDT	6.9	22.0	22.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1202200903	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1202200903	FD	2,3',4,4',5-Pentachlorobiphenyl	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1202200903	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	PCB-138/158	8.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1202200903	FD	2,3,3',4,4',5-Hexachlorobiphenyl	8.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1202200903	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1202200903	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	OA1202200903	FD	2,2',5-TRICHLOROBIPHENYL	8.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200903	FD	2,4,4'-TRICHLOROBIPHENYL	8.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,3',4,4',5-Pentachlorobiphenyl	7.8	5.8 J	5.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1202200905	FD	PCB-138/158	7.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200905	FD	2,4,4'-TRICHLOROBIPHENYL	7.8	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,3',4,4',5-Pentachlorobiphenyl	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	PCB-138/158	7.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200907	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1202200909-11	FD	2,3',4,4',5-Pentachlorobiphenyl	8.4	22.0	22.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1202200909-11	FD	PCB-138/158	8.4	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1202200909-11	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.4	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA1202200909-11	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1202200909-11	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA1202200909-11	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1202200909-11	FD	2,2',5-TRICHLOROBIPHENYL	8.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1202200909-11	FD	2,4,4'-TRICHLOROBIPHENYL	8.4	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2,4'-DICHLOROBIPHENYL	9.6	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.6	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.6	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.6	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.6	57.0	57.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,3',4,4',5-Pentachlorobiphenyl	9.6	62.0	62.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.6	13.0	13.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1202200913-15	FD	PCB-138/158	9.6	59.0	59.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.6	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.6	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.6	69.0	69.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.6	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.6	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.6	49.0	49.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.6	63.0	63.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.6	53.0	53.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.6	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200913-15	FD	2,2',5-TRICHLOROBIPHENYL	9.6	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1202200913-15	FD	2,4,4'-TRICHLOROBIPHENYL	9.6	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1202200917-19	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	4.2 J	4.2 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200917-19	FD	2,3',4,4',5-Pentachlorobiphenyl	7.8	3.7 J	3.7 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200917-19	FD	2,3,3',4,4',5-Hexachlorobiphenyl	7.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200917-19	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	5.0 J	5.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200917-19	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200917-19	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	5.0 J	5.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200917-19	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA1202200921-23	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200921-23	FD	2,3',4,4',5-Pentachlorobiphenyl	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200921-23	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1202200921-23	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1202200921-23	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1202200901	FD	Moisture	0.10	45.9	45.9	PERCENT	
D2216/NONE	SE	OA1202200903	FD	Moisture	0.10	39.0	39.0	PERCENT	
D2216/NONE	SE	OA1202200905	FD	Moisture	0.10	35.5	35.5	PERCENT	
D2216/NONE	SE	OA1202200907	FD	Moisture	0.10	35.9	35.9	PERCENT	
D2216/NONE	SE	OA1202200909-11	FD	Moisture	0.10	40.6	40.6	PERCENT	
D2216/NONE	SE	OA1202200913-15	FD	Moisture	0.10	47.7	47.7	PERCENT	
D2216/NONE	SE	OA1202200917-19	FD	Moisture	0.10	35.9	35.9	PERCENT	
D2216/NONE	SE	OA1202200921-23	FD	Moisture	0.10	30.5	30.5	PERCENT	
D2216/NONE	SE	OA1202200925-27	FD	Moisture	0.10	29.7	29.7	PERCENT	
D2216/NONE	SE	OA1202200929-31	FD	Moisture	0.10	29.9	29.9	PERCENT	
D2216/NONE	SE	OA1202200933-35	FD	Moisture	0.10	28.0	28.0	PERCENT	
D2216/NONE	SE	OA1202200937-39	FD	Moisture	0.10	35.5	35.5	PERCENT	
D2216/NONE	SE	OA1202200941	FD	Moisture	0.10	27.6	27.6	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1202200901	FD	Total Organic Carbon	0.092	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1202200903	FD	Total Organic Carbon	0.082	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA1202200905	FD	Total Organic Carbon	0.078	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA1202200907	FD	Total Organic Carbon	0.078	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA1202200909-11	FD	Total Organic Carbon	0.084	2.1	2.1	PERCENT	
SW9060/NONE	SE	OA1202200913-15	FD	Total Organic Carbon	0.096	3.0	3.0	PERCENT	
SW9060/NONE	SE	OA1202200917-19	FD	Total Organic Carbon	0.078	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1202200921-23	FD	Total Organic Carbon	0.072	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1202200925-27	FD	Total Organic Carbon	0.071	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1202200929-31	FD	Total Organic Carbon	0.071	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1202200933-35	FD	Total Organic Carbon	0.069	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1202200937-39	FD	Total Organic Carbon	0.078	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA1202200941	FD	Total Organic Carbon	0.069	0.98	0.98	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111614

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111614

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111614, Certified - 2/9/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 12-Feb-2010

Samples Included in SDG 09111614

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	14	0
D2216/NONE	14	0
PCBSIM/NONE	14	0
SW9060/NONE	14	0

AUTOMATED DATA REVIEW SUMMARY for 09111614

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111614. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

BS RPD

LCS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111614

Confirmation Column Difference

Field Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

Calibration Blank

Equip Blank

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09111614

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 1.11% (10 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

ADR Case Narrative.

AUTOMATED DATA REVIEW SUMMARY for 09111614

Evin McKinney

12-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111614

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122L03	091122L03	NA	LABQC	SQ	LABQC	0991301315		11/22/2009 12:00	12/07/2009 11:10	LB
	091122L03	NA	LABQC	SQ	LABQC	0991301315		11/22/2009 12:00	12/07/2009 11:33	BS
	091122L03	NA	LABQC	SQ	LABQC	0991301315		11/22/2009 12:00	12/07/2009 12:01	BD
091122L04	091122L04	NA	LABQC	SQ	LABQC	0991301316		11/22/2009 12:00	12/08/2009 11:00	LB
	091122L04	NA	LABQC	SQ	LABQC	0991301316		11/22/2009 12:00	12/08/2009 11:24	BS
	091122L04	NA	LABQC	SQ	LABQC	0991301316		11/22/2009 12:00	12/08/2009 11:49	BD
091122S03	091122L03	NA	OA13	SE	OA1301200901	091116141		11/18/2009 12:00	12/09/2009 2:16	N
	091122L03	NA	OA13	SE	OA1301200901	091116141		11/18/2009 12:00	12/09/2009 2:16	N
	091122L03	NA	OA13	SE	OA1301200903	091116142		11/18/2009 12:00	12/09/2009 2:39	N
	091122L03	NA	OA13	SE	OA1301200903	091116142		11/18/2009 12:00	12/09/2009 2:39	N
	091122L03	NA	OA13	SE	OA1301200905	091116143		11/18/2009 12:00	12/09/2009 3:03	N
	091122L03	NA	OA13	SE	OA1301200905	091116143		11/18/2009 12:00	12/09/2009 3:03	N
	091122L03	NA	OA13	SE	OA1301200907	091116144		11/18/2009 12:00	12/09/2009 3:26	N
	091122L03	NA	OA13	SE	OA1301200907	091116144		11/18/2009 12:00	12/09/2009 3:26	N
	091122L03	NA	OA13	SE	OA1301200945	0911161423		11/18/2009 12:00	12/09/2009 3:49	N
	091122L03	NA	OA13	SE	OA1301200945	0911161423		11/18/2009 12:00	12/09/2009 3:49	N
	091122L03	NA	OA13	SE	OA1301200909-11	0911161424		11/18/2009 12:00	12/09/2009 4:13	N
	091122L03	NA	OA13	SE	OA1301200909-11	0911161424		11/18/2009 12:00	12/09/2009 4:13	N
	091122L03	NA	OA13	SE	OA1301200913-15	0911161425		11/18/2009 12:00	12/09/2009 4:36	N
	091122L03	NA	OA13	SE	OA1301200913-15	0911161425		11/18/2009 12:00	12/09/2009 4:36	N
	091122L03	NA	OA13	SE	OA1301200917-19	0911161426		11/18/2009 12:00	12/09/2009 5:00	N
	091122L03	NA	OA13	SE	OA1301200917-19	0911161426		11/18/2009 12:00	12/09/2009 5:00	N
	091122L03	NA	OA13	SE	OA1301200925-27	0911161428		11/18/2009 12:00	12/09/2009 5:47	N
	091122L03	NA	OA13	SE	OA1301200925-27	0911161428		11/18/2009 12:00	12/09/2009 5:47	N
	091122L03	NA	OA13	SE	OA1301200903	091116142		11/18/2009 12:00	12/09/2009 10:23	N
	091122L03	NA	OA13	SE	OA1301200907	091116144		11/18/2009 12:00	12/09/2009 10:47	N
	091122L03	NA	OA13	SE	OA1301200909-11	0911161424		11/18/2009 12:00	12/09/2009 11:10	N

AUTOMATED DATA REVIEW SUMMARY for 09111614

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122S03	091122L03	NA	OA13	SE	OA1301200913-15	0911161425		11/18/2009 12:00	12/09/2009 11:34	N
	091122L03	NA	OA13	SE	OA1301200917-19	0911161426		11/18/2009 12:00	12/09/2009 11:58	N
	091122L03	NA	OA13	SE	OA1301200925-27	0911161428		11/18/2009 12:00	12/10/2009 12:21	N
	091122L03	NA	OA13	SE	OA1301200929-31	0911161429		11/18/2009 12:00	12/10/2009 12:45	N
	091122L03	NA	OA13	SE	OA1301200929-31	0911161429		11/18/2009 12:00	12/10/2009 12:45	N
	091122L03	NA	OA13	SE	OA1301200933-35	0911161430		11/18/2009 12:00	12/10/2009 1:08	N
	091122L03	NA	OA13	SE	OA1301200933-35	0911161430		11/18/2009 12:00	12/10/2009 1:08	N
091122S03P	091122L03	NA	OA13	SE	OA1301200937-39	0911161431		11/18/2009 12:00	12/10/2009 1:32	N
	091122L03	NA	OA13	SE	OA1301200937-39	0911161431		11/18/2009 12:00	12/10/2009 1:32	N
091122S04	091122L04	NA	OA13	SE	OA1301200941-43	0911161432		11/18/2009 12:00	12/10/2009 1:55	N
	091122L04	NA	OA13	SE	OA1301200941-43	0911161432		11/18/2009 12:00	12/10/2009 1:55	N
091122S03	091122L03	NA	OA13	SE	OA1301200929-31	0911161429		11/18/2009 12:00	12/10/2009 8:49	N
	091122L03	NA	OA13	SE	OA1301200921-23	0911161427		11/18/2009 12:00	12/13/2009 2:32	N
	091122L03	NA	OA13	SE	OA1301200921-23	0911161427		11/18/2009 12:00	12/13/2009 2:32	N
	091122L03	NA	OA13	SE	OA1301200921-23	0911161427		11/18/2009 12:00	12/13/2009 11:27	N
	091122L03	NA	OA13	SE	OA1301200921-23	0911161427		11/18/2009 12:00	12/13/2009 1:01	MS
	091122L03	NA	OA13	SE	OA1301200921-23	0911161427		11/18/2009 12:00	12/13/2009 1:24	SD

AUTOMATED DATA REVIEW SUMMARY for 09111614

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOIDF	NA	NA	OA13	SE	OA1301200941-43	0911161432		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200945	0911161423		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200941-43	0911161432		11/18/2009 12:00	11/21/2009 3:30	LR
	NA	NA	OA13	SE	OA1301200929-31	0911161429		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200937-39	0911161431		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200933-35	0911161430		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200925-27	0911161428		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200921-23	0911161427		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200909-11	0911161424		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200917-19	0911161426		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200913-15	0911161425		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200903	091116142		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200907	091116144		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200905	091116143		11/18/2009 12:00	11/21/2009 3:30	N
	NA	NA	OA13	SE	OA1301200901	091116141		11/18/2009 12:00	11/21/2009 3:30	N
91121MOIBF	NA	NA	LABQC	SQ	LABQC	099050141671		11/21/2009 3:30	11/21/2009 3:30	LB

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122L07A	091122L07A	NA	LABQC	SQ	LABQC	0991301735		11/22/2009 12:00	12/05/2009 6:52	BS
	091122L07A	NA	LABQC	SQ	LABQC	0991301735		11/22/2009 12:00	12/05/2009 7:23	BD
091122S07	091122L07A	NA	OA13	SE	OA1301200901	091116141		11/18/2009 12:00	12/08/2009 12:12	N
	091122L07A	NA	OA13	SE	OA1301200901	091116141		11/18/2009 12:00	12/08/2009 12:12	N
	091122L07A	NA	OA13	SE	OA1301200903	091116142		11/18/2009 12:00	12/08/2009 12:41	N
	091122L07A	NA	OA13	SE	OA1301200903	091116142		11/18/2009 12:00	12/08/2009 12:41	N
	091122L07A	NA	OA13	SE	OA1301200937-39	0911161431		11/18/2009 12:00	12/08/2009 1:02	MS
	091122L07A	NA	OA13	SE	OA1301200937-39	0911161431		11/18/2009 12:00	12/08/2009 1:32	SD

AUTOMATED DATA REVIEW SUMMARY for 09111614

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122L07A	091122L07A	NA	LABQC	SQ	LABQC	0991301735		11/22/2009 12:00	12/12/2009 2:14	LB
091213L06	091213L06	NA	LABQC	SQ	LABQC	0991301783		12/13/2009 12:00	12/30/2009 2:34	LB
	091213L06	NA	LABQC	SQ	LABQC	0991301783		12/13/2009 12:00	12/30/2009 4:00	BS
091213L07	091213L07	NA	LABQC	SQ	LABQC	0991301781		12/13/2009 12:00	12/30/2009 4:02	LB
	091213L07	NA	LABQC	SQ	LABQC	0991301781		12/13/2009 12:00	12/30/2009 4:32	BS
091213L06	091213L06	NA	LABQC	SQ	LABQC	0991301783		12/13/2009 12:00	12/30/2009 4:57	BD
091213L07	091213L07	NA	LABQC	SQ	LABQC	0991301781		12/13/2009 12:00	12/30/2009 5:01	BD
091213S06	091213L06	NA	OA13	SE	OA1301200905	091116143		11/18/2009 12:00	12/30/2009 11:10	N
	091213L06	NA	OA13	SE	OA1301200907	091116144		11/18/2009 12:00	12/30/2009 11:39	N
091213S07	091213L07	NA	OA13	SE	OA1301200917-19	0911161426		11/18/2009 12:00	12/31/2009 12:01	N
091213S06	091213L06	NA	OA13	SE	OA1301200945	0911161423		11/18/2009 12:00	12/31/2009 12:09	N
091213S07	091213L07	NA	OA13	SE	OA1301200921-23	0911161427		11/18/2009 12:00	12/31/2009 12:31	N
091213S06	091213L06	NA	OA13	SE	OA1301200909-11	0911161424		11/18/2009 12:00	12/31/2009 12:37	N
091213S07	091213L07	NA	OA13	SE	OA1301200925-27	0911161428		11/18/2009 12:00	12/31/2009 1:01	N
091213S06	091213L06	NA	OA13	SE	OA1301200913-15	0911161425		11/18/2009 12:00	12/31/2009 1:06	N
091213S07	091213L07	NA	OA13	SE	OA1301200929-31	0911161429		11/18/2009 12:00	12/31/2009 1:31	N
	091213L07	NA	OA13	SE	OA1301200933-35	0911161430		11/18/2009 12:00	12/31/2009 2:01	N
	091213L07	NA	OA13	SE	OA1301200929-31	0911161429		11/18/2009 12:00	12/31/2009 3:00	MS
	091213L07	NA	OA13	SE	OA1301200929-31	0911161429		11/18/2009 12:00	12/31/2009 3:31	SD
	091213L07	NA	OA13	SE	OA1301200937-39	0911161431		11/18/2009 12:00	12/31/2009 4:00	N
	091213L07	NA	OA13	SE	OA1301200941-43	0911161432		11/18/2009 12:00	12/31/2009 4:31	N

AUTOMATED DATA REVIEW SUMMARY for 09111614

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91202TOCS1	NA	NA	OA13	SE	OA1301200941-43	0911161432		11/18/2009 12:00	12/02/2009 6:26	SD
	NA	NA	OA13	SE	OA1301200941-43	0911161432		11/18/2009 12:00	12/02/2009 6:26	MS
	NA	NA	OA13	SE	OA1301200945	0911161423		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200941-43	0911161432		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200929-31	0911161429		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200933-35	0911161430		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200937-39	0911161431		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200921-23	0911161427		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200925-27	0911161428		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200909-11	0911161424		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200913-15	0911161425		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200917-19	0911161426		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200901	091116141		11/18/2009 12:00	12/02/2009 6:26	N
91202TOCL1	NA	NA	LABQC	SQ	LABQC	09906013422		12/02/2009 6:26	12/02/2009 6:26	BS
	NA	NA	LABQC	SQ	LABQC	09906013422		12/02/2009 6:26	12/02/2009 6:26	LB
91202TOCS1	NA	NA	OA13	SE	OA1301200903	091116142		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200905	091116143		11/18/2009 12:00	12/02/2009 6:26	N
	NA	NA	OA13	SE	OA1301200907	091116144		11/18/2009 12:00	12/02/2009 6:26	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA1301200921-23 / MS	1	1,1-bis(p-chlorophenyl) ethane	208	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / SD	1	1,1-bis(p-chlorophenyl) ethane	211	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / MS	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	158	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	151	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / MS	1	o,p'-DDD	144	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / SD	1	o,p'-DDD	150	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / MS	1	o,p'-DDE	46.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / SD	1	o,p'-DDE	44.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / MS	1	o,p'-DDT	36.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / SD	1	o,p'-DDT	3.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / MS	1	p,p'-DDD	493	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / SD	1	p,p'-DDD	504	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / MS	1	p,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / SD	1	p,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / MS	1	p,p'-DDT	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1301200921-23 / SD	1	p,p'-DDT	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS RPD	OA1301200921-23 / SD	1	o,p'-DDT	169	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	Blank	P091122L07ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	3.8	ug/kg	U/None	< 1.9	< 7.6	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,3',4,4',5-Pentachlorobiphenyl	8.2	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	PCB-138/158	8.2	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	12.0 B	12.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA1301200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,4,4'-TRICHLOROBIPHENYL	8.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	PCB-138/158	7.6	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	12.0 B	12.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA1301200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,4,4'-TRICHLOROBIPHENYL	7.6	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	4.5 J	4.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,2',5-TRICHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,4,4'-TRICHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',5-TRICHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,4,4'-TRICHLOROBIPHENYL	8.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.5	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	6.6 J	6.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.5	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,4,4'-TRICHLOROBIPHENYL	9.5	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200913-15	N	2,4'-DICHLOROBIPHENYL	11.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200913-15	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200917-19	N	2,4'-DICHLOROBIPHENYL	11.0	9.5 J	9.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200917-19	N	2,3,4,4',5-Pentachlorobiphenyl	11.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,4'-DICHLOROBIPHENYL	9.7	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.7	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.7	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.7	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.7	6.7 J	6.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.7	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.7	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,4'-DICHLOROBIPHENYL	8.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',5-TRICHLOROBIPHENYL	7.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	4.1 J	4.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	3.3 J	3.3 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1301200901	N	p,p'-DDT	8.2	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1301200905	N	o,p'-DDD	7.5	7.3 J	7.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1301200907	N	p,p'-DDT	8.1	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1301200921-23	N	o,p'-DDD	9.7	450	450 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	p,p'-DDD	490	1300 D	1300 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	o,p'-DDE	490	2900 D	2900 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	p,p'-DDE	490	16000 D	16000 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	490	4500 D	4500 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	1,1-bis(p-chlorophenyl)ethane	490	1000 D	1000 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	o,p'-DDT	9.7	39.0	39.0 J	ug/kg	MD2
BNASIM/NONE	SE	OA1301200921-23	N	p,p'-DDT	9.7	220	220 J	ug/kg	M
BNASIM/NONE	SE	OA1301200937-39	N	1,1-bis(p-chlorophenyl)ethane	6.5	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1301200945	N	o,p'-DDE	7.1	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1301200945	N	1,1-bis(p-chlorophenyl)ethane	7.1	3.7 J	3.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1301200901	N	o,p'-DDD	8.2	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1301200901	N	p,p'-DDD	8.2	160	160	ug/kg	
BNASIM/NONE	SE	OA1301200901	N	o,p'-DDE	8.2	110	110	ug/kg	
BNASIM/NONE	SE	OA1301200901	N	p,p'-DDE	8.2	650	650	ug/kg	
BNASIM/NONE	SE	OA1301200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	160	160	ug/kg	
BNASIM/NONE	SE	OA1301200901	N	1,1-bis(p-chlorophenyl)ethane	8.2	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA1301200901	N	p,p'-DDT	8.2	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1301200903	N	o,p'-DDD	7.6	31.0	31.0	ug/kg	
BNASIM/NONE	SE	OA1301200903	N	p,p'-DDD	7.6	570	570	ug/kg	
BNASIM/NONE	SE	OA1301200903	N	o,p'-DDE	7.6	170	170	ug/kg	
BNASIM/NONE	SE	OA1301200903	N	p,p'-DDE	38.0	740 D	740	ug/kg	
BNASIM/NONE	SE	OA1301200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	220	220	ug/kg	
BNASIM/NONE	SE	OA1301200903	N	1,1-bis(p-chlorophenyl)ethane	7.6	37.0	37.0	ug/kg	
BNASIM/NONE	SE	OA1301200903	N	p,p'-DDT	7.6	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA1301200905	N	o,p'-DDD	7.5	7.3 J	7.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1301200905	N	p,p'-DDD	7.5	44.0	44.0	ug/kg	
BNASIM/NONE	SE	OA1301200905	N	o,p'-DDE	7.5	45.0	45.0	ug/kg	
BNASIM/NONE	SE	OA1301200905	N	p,p'-DDE	7.5	290	290	ug/kg	
BNASIM/NONE	SE	OA1301200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	64.0	64.0	ug/kg	
BNASIM/NONE	SE	OA1301200905	N	1,1-bis(p-chlorophenyl)ethane	7.5	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA1301200907	N	o,p'-DDD	8.1	43.0	43.0	ug/kg	
BNASIM/NONE	SE	OA1301200907	N	p,p'-DDD	40.0	790 D	790	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1301200907	N	o,p'-DDE	8.1	200	200	ug/kg	
BNASIM/NONE	SE	OA1301200907	N	p,p'-DDE	40.0	980 D	980	ug/kg	
BNASIM/NONE	SE	OA1301200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.1	220	220	ug/kg	
BNASIM/NONE	SE	OA1301200907	N	1,1-bis(p-chlorophenyl)ethane	8.1	64.0	64.0	ug/kg	
BNASIM/NONE	SE	OA1301200907	N	p,p'-DDT	8.1	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1301200909-11	N	o,p'-DDD	9.5	97.0	97.0	ug/kg	
BNASIM/NONE	SE	OA1301200909-11	N	p,p'-DDD	9.5	600	600	ug/kg	
BNASIM/NONE	SE	OA1301200909-11	N	o,p'-DDE	9.5	530	530	ug/kg	
BNASIM/NONE	SE	OA1301200909-11	N	p,p'-DDE	95.0	2100 D	2100	ug/kg	
BNASIM/NONE	SE	OA1301200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.5	900	900	ug/kg	
BNASIM/NONE	SE	OA1301200909-11	N	1,1-bis(p-chlorophenyl)ethane	9.5	240	240	ug/kg	
BNASIM/NONE	SE	OA1301200909-11	N	o,p'-DDT	9.5	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA1301200909-11	N	p,p'-DDT	9.5	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA1301200913-15	N	o,p'-DDD	11.0	270	270	ug/kg	
BNASIM/NONE	SE	OA1301200913-15	N	p,p'-DDD	11.0	950	950	ug/kg	
BNASIM/NONE	SE	OA1301200913-15	N	o,p'-DDE	560	2400 D	2400	ug/kg	
BNASIM/NONE	SE	OA1301200913-15	N	p,p'-DDE	560	8900 D	8900	ug/kg	
BNASIM/NONE	SE	OA1301200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	560	4600 D	4600	ug/kg	
BNASIM/NONE	SE	OA1301200913-15	N	1,1-bis(p-chlorophenyl)ethane	560	830 D	830	ug/kg	
BNASIM/NONE	SE	OA1301200913-15	N	o,p'-DDT	11.0	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA1301200913-15	N	p,p'-DDT	11.0	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA1301200917-19	N	o,p'-DDD	11.0	190	190	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1301200917-19	N	p,p'-DDD	560	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA1301200917-19	N	o,p'-DDE	560	1700 D	1700	ug/kg	
BNASIM/NONE	SE	OA1301200917-19	N	p,p'-DDE	560	8100 D	8100	ug/kg	
BNASIM/NONE	SE	OA1301200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	560	2700 D	2700	ug/kg	
BNASIM/NONE	SE	OA1301200917-19	N	1,1-bis(p-chlorophenyl)ethane	11.0	840	840	ug/kg	
BNASIM/NONE	SE	OA1301200917-19	N	o,p'-DDT	11.0	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA1301200917-19	N	p,p'-DDT	11.0	110	110	ug/kg	
BNASIM/NONE	SE	OA1301200921-23	N	o,p'-DDD	9.7	450	450 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	p,p'-DDD	490	1300 D	1300 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	o,p'-DDE	490	2900 D	2900 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	p,p'-DDE	490	16000 D	16000 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	490	4500 D	4500 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	1,1-bis(p-chlorophenyl)ethane	490	1000 D	1000 J	ug/kg	M
BNASIM/NONE	SE	OA1301200921-23	N	o,p'-DDT	9.7	39.0	39.0 J	ug/kg	MD2
BNASIM/NONE	SE	OA1301200921-23	N	p,p'-DDT	9.7	220	220 J	ug/kg	M
BNASIM/NONE	SE	OA1301200925-27	N	o,p'-DDD	8.5	120	120	ug/kg	
BNASIM/NONE	SE	OA1301200925-27	N	p,p'-DDD	170	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA1301200925-27	N	o,p'-DDE	8.5	590	590	ug/kg	
BNASIM/NONE	SE	OA1301200925-27	N	p,p'-DDE	170	3600 D	3600	ug/kg	
BNASIM/NONE	SE	OA1301200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.5	830	830	ug/kg	
BNASIM/NONE	SE	OA1301200925-27	N	1,1-bis(p-chlorophenyl)ethane	8.5	320	320	ug/kg	
BNASIM/NONE	SE	OA1301200925-27	N	o,p'-DDT	8.5	9.9	9.9	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1301200925-27	N	p,p'-DDT	8.5	47.0	47.0	ug/kg	
BNASIM/NONE	SE	OA1301200929-31	N	o,p'-DDD	7.0	160	160	ug/kg	
BNASIM/NONE	SE	OA1301200929-31	N	p,p'-DDD	140	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA1301200929-31	N	o,p'-DDE	140	890 D	890	ug/kg	
BNASIM/NONE	SE	OA1301200929-31	N	p,p'-DDE	140	5000 D	5000	ug/kg	
BNASIM/NONE	SE	OA1301200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	140	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA1301200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.0	380	380	ug/kg	
BNASIM/NONE	SE	OA1301200929-31	N	o,p'-DDT	7.0	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA1301200929-31	N	p,p'-DDT	7.0	120	120	ug/kg	
BNASIM/NONE	SE	OA1301200933-35	N	o,p'-DDD	7.5	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA1301200933-35	N	p,p'-DDD	7.5	61.0	61.0	ug/kg	
BNASIM/NONE	SE	OA1301200933-35	N	o,p'-DDE	7.5	85.0	85.0	ug/kg	
BNASIM/NONE	SE	OA1301200933-35	N	p,p'-DDE	7.5	400	400	ug/kg	
BNASIM/NONE	SE	OA1301200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	280	280	ug/kg	
BNASIM/NONE	SE	OA1301200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.5	48.0	48.0	ug/kg	
BNASIM/NONE	SE	OA1301200937-39	N	p,p'-DDD	6.5	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA1301200937-39	N	o,p'-DDE	6.5	6.5	6.5	ug/kg	
BNASIM/NONE	SE	OA1301200937-39	N	p,p'-DDE	6.5	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA1301200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.5	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA1301200937-39	N	1,1-bis(p-chlorophenyl)ethane	6.5	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1301200941-43	N	p,p'-DDD	7.5	9.1	9.1	ug/kg	
BNASIM/NONE	SE	OA1301200941-43	N	o,p'-DDE	7.5	16.0	16.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1301200941-43	N	p,p'-DDE	7.5	87.0	87.0	ug/kg	
BNASIM/NONE	SE	OA1301200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA1301200941-43	N	1,1-bis(p-chlorophenyl)ethane	7.5	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA1301200945	N	o,p'-DDE	7.1	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1301200945	N	p,p'-DDE	7.1	29.0	29.0	ug/kg	
BNASIM/NONE	SE	OA1301200945	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA1301200945	N	1,1-bis(p-chlorophenyl)ethane	7.1	3.7 J	3.7 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,3',4,4',5-Pentachlorobiphenyl	8.2	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	PCB-138/158	8.2	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200901	N	2,4,4'-TRICHLOROBIPHENYL	8.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	7.6 J	7.6	ug/kg	
PCBSIM/NONE	SE	OA1301200903	N	PCB-138/158	7.6	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	7.4 J	7.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200903	N	2,4,4'-TRICHLOROBIPHENYL	7.6	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,2',5-TRICHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200905	N	2,4,4'-TRICHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	OA1301200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	PCB-138/158	8.1	9.1	9.1	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,2',5-TRICHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200907	N	2,4,4'-TRICHLOROBIPHENYL	8.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.5	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.5	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.5	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1301200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	9.5	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1301200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	PCB-138/158	9.5	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1301200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.5	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.5	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1301200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1301200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.5	3.9 J	3.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.5	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1301200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.5	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1301200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200909-11	N	2,2',5-TRICHLOROBIPHENYL	9.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1301200909-11	N	2,4,4'-TRICHLOROBIPHENYL	9.5	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200913-15	N	2,4'-DICHLOROBIPHENYL	11.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	65.0	65.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	83.0	83.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200913-15	N	PCB-138/158	11.0	69.0	69.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	11.0 J	11.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	95.0	95.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	45.0	45.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	89.0	89.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	100	100	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	88.0	88.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2,2',5-TRICHLOROBIPHENYL	11.0	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	OA1301200913-15	N	2,4,4'-TRICHLOROBIPHENYL	11.0	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,4'-DICHLOROBIPHENYL	11.0	9.5 J	9.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	11.0	11.0 J	11.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	79.0	79.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200917-19	N	2,3,4,4',5-Pentachlorobiphenyl	11.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	90.0	90.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200917-19	N	PCB-138/158	11.0	85.0	85.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	11.0 J	11.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	45.0	45.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	95.0	95.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	93.0	93.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,2',5-TRICHLOROBIPHENYL	11.0	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	OA1301200917-19	N	2,4,4'-TRICHLOROBIPHENYL	11.0	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	2,4'-DICHLOROBIPHENYL	9.7	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.7	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.7	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.7	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.7	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.7	53.0	53.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	9.7	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.7	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	PCB-138/158	9.7	54.0	54.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.7	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.7	62.0	62.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.7	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.7	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.7	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.7	61.0	61.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.7	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.7	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200921-23	N	2,2',5-TRICHLOROBIPHENYL	9.7	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA1301200921-23	N	2,4,4'-TRICHLOROBIPHENYL	9.7	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1301200925-27	N	2,4'-DICHLOROBIPHENYL	8.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1301200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	8.5	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1301200925-27	N	PCB-138/158	8.5	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA1301200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1301200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1301200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	25.0	25.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA1301200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1301200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.5	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1301200925-27	N	2,4,4'-TRICHLOROBIPHENYL	8.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.0	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.0	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	45.0	45.0	ug/kg	
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	PCB-138/158	7.0	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA1301200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1301200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200929-31	N	2,2',5-TRICHLOROBIPHENYL	7.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.5 J	3.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1301200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1301200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	3.3 J	3.3 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1301200901	N	Moisture	0.10	39.1	39.1	PERCENT	
D2216/NONE	SE	OA1301200903	N	Moisture	0.10	34.2	34.2	PERCENT	
D2216/NONE	SE	OA1301200905	N	Moisture	0.10	33.7	33.7	PERCENT	
D2216/NONE	SE	OA1301200907	N	Moisture	0.10	38.2	38.2	PERCENT	
D2216/NONE	SE	OA1301200909-11	N	Moisture	0.10	47.1	47.1	PERCENT	
D2216/NONE	SE	OA1301200913-15	N	Moisture	0.10	55.1	55.1	PERCENT	
D2216/NONE	SE	OA1301200917-19	N	Moisture	0.10	55.0	55.0	PERCENT	
D2216/NONE	SE	OA1301200921-23	N	Moisture	0.10	48.5	48.5	PERCENT	
D2216/NONE	SE	OA1301200925-27	N	Moisture	0.10	41.2	41.2	PERCENT	
D2216/NONE	SE	OA1301200929-31	N	Moisture	0.10	28.5	28.5	PERCENT	
D2216/NONE	SE	OA1301200933-35	N	Moisture	0.10	33.1	33.1	PERCENT	
D2216/NONE	SE	OA1301200937-39	N	Moisture	0.10	23.4	23.4	PERCENT	
D2216/NONE	SE	OA1301200941-43	N	Moisture	0.10	33.6	33.6	PERCENT	
D2216/NONE	SE	OA1301200945	N	Moisture	0.10	29.5	29.5	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1301200901	N	Total Organic Carbon	0.082	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA1301200903	N	Total Organic Carbon	0.076	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA1301200905	N	Total Organic Carbon	0.075	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1301200907	N	Total Organic Carbon	0.081	3.0	3.0	PERCENT	
SW9060/NONE	SE	OA1301200909-11	N	Total Organic Carbon	0.095	5.0	5.0	PERCENT	
SW9060/NONE	SE	OA1301200913-15	N	Total Organic Carbon	0.11	9.2	9.2	PERCENT	
SW9060/NONE	SE	OA1301200917-19	N	Total Organic Carbon	0.11	6.5	6.5	PERCENT	
SW9060/NONE	SE	OA1301200921-23	N	Total Organic Carbon	0.097	4.2	4.2	PERCENT	
SW9060/NONE	SE	OA1301200925-27	N	Total Organic Carbon	0.085	2.9	2.9	PERCENT	
SW9060/NONE	SE	OA1301200929-31	N	Total Organic Carbon	0.070	1.0	1.0	PERCENT	
SW9060/NONE	SE	OA1301200933-35	N	Total Organic Carbon	0.075	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA1301200937-39	N	Total Organic Carbon	0.065	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1301200941-43	N	Total Organic Carbon	0.075	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA1301200945	N	Total Organic Carbon	0.071	1.7	1.7	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111615

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Pesticides (DDTs) by BNA-SIM**
   It was noted that samples OA1401200953 was rejected for o,p'-DDT and p,p'-DDT due to extremely low matrix spike (MS) and matrix spike duplicate (SD) recoveries as seen in the Rejected Results report.

3. **Total Organic Carbon by SW9060**
   An MS and laboratory duplicate (LR) were not provided on the EDD for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111615

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111615, Certified - 2/9/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 12-Feb-2010

Samples Included in SDG 09111615

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	16	0
D2216/NONE	16	0
PCBSIM/NONE	16	0
SW9060/NONE	16	0

AUTOMATED DATA REVIEW SUMMARY for 09111615

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111615. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Blank

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Calibration Blank

Equip Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

Confirmation Column Difference

Field Blank

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09111615

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.83% (7 results) and the rejection of 0.24% (2 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

ADR Case Narrative.

Evin McKinney

12-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111615

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122L04	091122L04	NA	LABQC	SQ	LABQC	0991301316		11/22/2009 12:00	12/08/2009 11:00	LB
	091122L04	NA	LABQC	SQ	LABQC	0991301316		11/22/2009 12:00	12/08/2009 11:24	BS
	091122L04	NA	LABQC	SQ	LABQC	0991301316		11/22/2009 12:00	12/08/2009 11:49	BD
091122S04	091122L04	NA	OA14	SE	OA1401200901	091116151		11/18/2009 12:00	12/10/2009 3:06	N
	091122L04	NA	OA14	SE	OA1401200901	091116151		11/18/2009 12:00	12/10/2009 3:06	N
	091122L04	NA	OA14	SE	OA1401200903	091116152		11/18/2009 12:00	12/10/2009 3:29	N
	091122L04	NA	OA14	SE	OA1401200903	091116152		11/18/2009 12:00	12/10/2009 3:29	N
	091122L04	NA	OA14	SE	OA1401200905	091116153		11/18/2009 12:00	12/10/2009 3:53	N
	091122L04	NA	OA14	SE	OA1401200905	091116153		11/18/2009 12:00	12/10/2009 3:53	N
	091122L04	NA	OA14	SE	OA1401200907	091116154		11/18/2009 12:00	12/10/2009 4:16	N
	091122L04	NA	OA14	SE	OA1401200907	091116154		11/18/2009 12:00	12/10/2009 4:16	N
	091122L04	NA	OA14	SE	OA1401200953	0911161527		11/18/2009 12:00	12/10/2009 4:40	N
	091122L04	NA	OA14	SE	OA1401200953	0911161527		11/18/2009 12:00	12/10/2009 4:40	N
	091122L04	NA	OA14	SE	OA1401200909-11	0911161528		11/18/2009 12:00	12/10/2009 5:03	N
	091122L04	NA	OA14	SE	OA1401200909-11	0911161528		11/18/2009 12:00	12/10/2009 5:03	N
	091122L04	NA	OA14	SE	OA1401200913-15	0911161529		11/18/2009 12:00	12/10/2009 5:27	N
	091122L04	NA	OA14	SE	OA1401200913-15	0911161529		11/18/2009 12:00	12/10/2009 5:27	N
	091122L04	NA	OA14	SE	OA1401200917-19	0911161530		11/18/2009 12:00	12/10/2009 5:50	N
	091122L04	NA	OA14	SE	OA1401200917-19	0911161530		11/18/2009 12:00	12/10/2009 5:50	N
	091122L04	NA	OA14	SE	OA1401200901	091116151		11/18/2009 12:00	12/10/2009 9:12	N
	091122L04	NA	OA14	SE	OA1401200907	091116154		11/18/2009 12:00	12/10/2009 9:36	N
	091122L04	NA	OA14	SE	OA1401200909-11	0911161528		11/18/2009 12:00	12/10/2009 9:59	N
	091122L04	NA	OA14	SE	OA1401200913-15	0911161529		11/18/2009 12:00	12/10/2009 10:23	N
	091122L04	NA	OA14	SE	OA1401200917-19	0911161530		11/18/2009 12:00	12/10/2009 10:46	N
	091122L04	NA	OA14	SE	OA1401200921-23	0911161531		11/18/2009 12:00	12/10/2009 11:10	N
	091122L04	NA	OA14	SE	OA1401200921-23	0911161531		11/18/2009 12:00	12/10/2009 11:10	N
	091122L04	NA	OA14	SE	OA1401200925-27	0911161532		11/18/2009 12:00	12/10/2009 11:33	N

AUTOMATED DATA REVIEW SUMMARY for 09111615

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122S04	091122L04	NA	OA14	SE	OA1401200925-27	0911161532		11/18/2009 12:00	12/10/2009 11:33	N
	091122L04	NA	OA14	SE	OA1401200929-31	0911161533		11/18/2009 12:00	12/10/2009 11:57	N
	091122L04	NA	OA14	SE	OA1401200929-31	0911161533		11/18/2009 12:00	12/10/2009 11:57	N
	091122L04	NA	OA14	SE	OA1401200933-35	0911161534		11/18/2009 12:00	12/11/2009 12:20	N
	091122L04	NA	OA14	SE	OA1401200933-35	0911161534		11/18/2009 12:00	12/11/2009 12:20	N
	091122L04	NA	OA14	SE	OA1401200937-39	0911161535		11/18/2009 12:00	12/11/2009 12:44	N
	091122L04	NA	OA14	SE	OA1401200937-39	0911161535		11/18/2009 12:00	12/11/2009 12:44	N
	091122L04	NA	OA14	SE	OA1401200941-43	0911161536		11/18/2009 12:00	12/11/2009 1:07	N
	091122L04	NA	OA14	SE	OA1401200941-43	0911161536		11/18/2009 12:00	12/11/2009 1:07	N
	091122L04	NA	OA14	SE	OA1401200945-47	0911161537		11/18/2009 12:00	12/11/2009 1:31	N
	091122L04	NA	OA14	SE	OA1401200945-47	0911161537		11/18/2009 12:00	12/11/2009 1:31	N
	091122L04	NA	OA14	SE	OA1401200949-51	0911161538		11/18/2009 12:00	12/11/2009 1:54	N
	091122L04	NA	OA14	SE	OA1401200949-51	0911161538		11/18/2009 12:00	12/11/2009 1:54	N
	091122L04	NA	OA14	SE	OA1401200921-23	0911161531		11/18/2009 12:00	12/11/2009 11:59	N
	091122L04	NA	OA14	SE	OA1401200925-27	0911161532		11/18/2009 12:00	12/11/2009 12:23	N
	091122L04	NA	OA14	SE	OA1401200929-31	0911161533		11/18/2009 12:00	12/11/2009 12:46	N
	091122L04	NA	OA14	SE	OA1401200933-35	0911161534		11/18/2009 12:00	12/11/2009 1:10	N
	091122L04	NA	OA14	SE	OA1401200937-39	0911161535		11/18/2009 12:00	12/11/2009 1:33	N
	091122L04	NA	OA14	SE	OA1401200941-43	0911161536		11/18/2009 12:00	12/11/2009 1:57	N
	091122L04	NA	OA14	SE	OA1401200945-47	0911161537		11/18/2009 12:00	12/11/2009 2:20	N
	091122L04	NA	OA14	SE	OA1401200953	0911161527		11/18/2009 12:00	12/13/2009 2:56	MS
	091122L04	NA	OA14	SE	OA1401200953	0911161527		11/18/2009 12:00	12/13/2009 3:19	SD

AUTOMATED DATA REVIEW SUMMARY for 09111615

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOID5	NA	NA	OA14	SE	OA1401200949-51	0911161538		11/18/2009 12:00	11/21/2009 2:00	LR
	NA	NA	OA14	SE	OA1401200953	0911161527		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200949-51	0911161538		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200945-47	0911161537		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200941-43	0911161536		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200937-39	0911161535		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200933-35	0911161534		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200921-23	0911161531		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200929-31	0911161533		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200925-27	0911161532		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200917-19	0911161530		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200913-15	0911161529		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200909-11	0911161528		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200907	091116154		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200905	091116153		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200903	091116152		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA14	SE	OA1401200901	091116151		11/18/2009 12:00	11/21/2009 2:00	N
91121MOIB5	NA	NA	LABQC	SQ	LABQC	099050141589		11/21/2009 2:00	11/21/2009 2:00	LB

AUTOMATED DATA REVIEW SUMMARY for 09111615

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091122L08A	091122L08A	NA	LABQC	SQ	LABQC	0991301736		11/22/2009 12:00	12/08/2009 12:05	BS
	091122L08A	NA	LABQC	SQ	LABQC	0991301736		11/22/2009 12:00	12/08/2009 12:33	BD
091122S08	091122L08A	NA	OA14	SE	OA1401200907	091116154		11/18/2009 12:00	12/08/2009 9:32	N
	091122L08A	NA	OA14	SE	OA1401200907	091116154		11/18/2009 12:00	12/08/2009 9:32	N
	091122L08A	NA	OA14	SE	OA1401200953	0911161527		11/18/2009 12:00	12/08/2009 10:03	N
	091122L08A	NA	OA14	SE	OA1401200953	0911161527		11/18/2009 12:00	12/08/2009 10:03	N
	091122L08A	NA	OA14	SE	OA1401200937-39	0911161535		11/18/2009 12:00	12/09/2009 1:58	N
	091122L08A	NA	OA14	SE	OA1401200937-39	0911161535		11/18/2009 12:00	12/09/2009 1:58	N
091122L08A	091122L08A	NA	LABQC	SQ	LABQC	0991301736		11/22/2009 12:00	12/12/2009 2:44	LB
091213L07	091213L07	NA	LABQC	SQ	LABQC	0991301781		12/13/2009 12:00	12/30/2009 4:02	LB
	091213L07	NA	LABQC	SQ	LABQC	0991301781		12/13/2009 12:00	12/30/2009 4:32	BS
	091213L07	NA	LABQC	SQ	LABQC	0991301781		12/13/2009 12:00	12/30/2009 5:01	BD
091213S07	091213L07	NA	OA14	SE	OA1401200901	091116151		11/18/2009 12:00	12/31/2009 5:01	N
	091213L07	NA	OA14	SE	OA1401200903	091116152		11/18/2009 12:00	12/31/2009 6:32	N
	091213L07	NA	OA14	SE	OA1401200905	091116153		11/18/2009 12:00	12/31/2009 7:02	N
	091213L07	NA	OA14	SE	OA1401200909-11	0911161528		11/18/2009 12:00	12/31/2009 7:32	N
	091213L07	NA	OA14	SE	OA1401200913-15	0911161529		11/18/2009 12:00	12/31/2009 8:02	N
	091213L07	NA	OA14	SE	OA1401200917-19	0911161530		11/18/2009 12:00	12/31/2009 8:32	N
	091213L07	NA	OA14	SE	OA1401200921-23	0911161531		11/18/2009 12:00	12/31/2009 9:02	N
	091213L07	NA	OA14	SE	OA1401200925-27	0911161532		11/18/2009 12:00	12/31/2009 9:32	N
	091213L07	NA	OA14	SE	OA1401200929-31	0911161533		11/18/2009 12:00	12/31/2009 10:03	N
	091213L07	NA	OA14	SE	OA1401200933-35	0911161534		11/18/2009 12:00	12/31/2009 10:32	N
	091213L07	NA	OA14	SE	OA1401200941-43	0911161536		11/18/2009 12:00	12/31/2009 11:03	N
	091213L07	NA	OA14	SE	OA1401200945-47	0911161537		11/18/2009 12:00	12/31/2009 11:32	N
	091213L07	NA	OA14	SE	OA1401200949-51	0911161538		11/18/2009 12:00	01/01/2010 12:01	N
091122S08	091122L08A	NA	OA14	SE	OA1401200933-35	0911161534		11/18/2009 12:00	01/07/2010 5:07	MS
	091122L08A	NA	OA14	SE	OA1401200933-35	0911161534		11/18/2009 12:00	01/07/2010 5:38	SD

AUTOMATED DATA REVIEW SUMMARY for 09111615

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91203TOCS1	NA	NA	OA14	SE	OA1401200937-39	0911161535		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200933-35	0911161534		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200949-51	0911161538		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200941-43	0911161536		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200945-47	0911161537		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200953	0911161527		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200921-23	0911161531		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200925-27	0911161532		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200929-31	0911161533		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200917-19	0911161530		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200909-11	0911161528		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200913-15	0911161529		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200907	091116154		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200903	091116152		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200905	091116153		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA14	SE	OA1401200901	091116151		11/18/2009 12:00	12/03/2009 5:23	N
91203TOCL1	NA	NA	LABQC	SQ	LABQC	09906013423		12/03/2009 5:23	12/03/2009 5:23	BS
	NA	NA	LABQC	SQ	LABQC	09906013423		12/03/2009 5:23	12/03/2009 5:23	LB

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA1401200953 / MS	1	o,p'-DDD	148	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1401200953 / SD	1	o,p'-DDD	144	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1401200953 / MS	1	o,p'-DDT	6.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1401200953 / SD	1	o,p'-DDT	7.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1401200953 / MS	1	p,p'-DDD	135	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1401200953 / SD	1	p,p'-DDD	131	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1401200953 / MS	1	p,p'-DDT	4.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1401200953 / SD	1	p,p'-DDT	4.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	Blank	P091122L08ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	3.7	ug/kg	U/None	< 1.9	< 8	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	PCB-138/158	7.8	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,4,4'-TRICHLOROBIPHENYL	7.8	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	PCB-138/158	7.8	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	7.2 J	7.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',5-TRICHLOROBIPHENYL	7.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.7	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	2,3,3',4,4',5-Hexachlorobiphenyl	15.0	15.0 B	15.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA1401200907	N	2,4,4'-TRICHLOROBIPHENYL	7.7	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	6.7 J	6.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.8	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.9	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	PCB-138/158	7.9	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.9	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',5-TRICHLOROBIPHENYL	8.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	6.9 J	6.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200925-27	N	PCB-138/158	8.9	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.9	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,4,4'-TRICHLOROBIPHENYL	8.9	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.8	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.8	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.8	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200933-35	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.8	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200933-35	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.8	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	13.0	13.0 B	13.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA1401200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',5-TRICHLOROBIPHENYL	8.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,4,4'-TRICHLOROBIPHENYL	8.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,2',5-TRICHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.7	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200945-47	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.7	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200945-47	N	2,2',5-TRICHLOROBIPHENYL	7.7	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200945-47	N	2,4,4'-TRICHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200949-51	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200949-51	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200949-51	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200953	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.6	9.6 B	9.6 U	ug/kg	B1

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200953	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
BNASIM/NONE	SE	OA1401200913-15	N	o,p'-DDT	7.8	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1401200937-39	N	o,p'-DDT	8.0	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1401200941-43	N	o,p'-DDT	7.7	7.0 J	7.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1401200945-47	N	o,p'-DDT	7.7	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	OA1401200953	N	o,p'-DDD	7.1	4.9 J	4.9 J	ug/kg	MTR
BNASIM/NONE	SE	OA1401200953	N	p,p'-DDD	7.1	36.0	36.0 J	ug/kg	M
BNASIM/NONE	SE	OA1401200953	N	o,p'-DDT	7.1	7.1 U	7.1 R	ug/kg	M
BNASIM/NONE	SE	OA1401200953	N	p,p'-DDT	7.1	7.1 U	7.1 R	ug/kg	M

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1401200901	N	o,p'-DDD	11.0	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA1401200901	N	p,p'-DDD	11.0	350	350	ug/kg	
BNASIM/NONE	SE	OA1401200901	N	o,p'-DDE	11.0	220	220	ug/kg	
BNASIM/NONE	SE	OA1401200901	N	p,p'-DDE	55.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA1401200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	11.0	360	360	ug/kg	
BNASIM/NONE	SE	OA1401200901	N	1,1-bis(p-chlorophenyl)ethane	11.0	55.0	55.0	ug/kg	
BNASIM/NONE	SE	OA1401200901	N	p,p'-DDT	11.0	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1401200903	N	o,p'-DDD	7.8	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA1401200903	N	p,p'-DDD	7.8	87.0	87.0	ug/kg	
BNASIM/NONE	SE	OA1401200903	N	o,p'-DDE	7.8	110	110	ug/kg	
BNASIM/NONE	SE	OA1401200903	N	p,p'-DDE	7.8	690	690	ug/kg	
BNASIM/NONE	SE	OA1401200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	190	190	ug/kg	
BNASIM/NONE	SE	OA1401200903	N	1,1-bis(p-chlorophenyl)ethane	7.8	23.0	23.0	ug/kg	
BNASIM/NONE	SE	OA1401200905	N	o,p'-DDD	7.8	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA1401200905	N	p,p'-DDD	7.8	190	190	ug/kg	
BNASIM/NONE	SE	OA1401200905	N	o,p'-DDE	7.8	110	110	ug/kg	
BNASIM/NONE	SE	OA1401200905	N	p,p'-DDE	7.8	660	660	ug/kg	
BNASIM/NONE	SE	OA1401200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	170	170	ug/kg	
BNASIM/NONE	SE	OA1401200905	N	1,1-bis(p-chlorophenyl)ethane	7.8	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA1401200907	N	o,p'-DDD	7.7	38.0	38.0	ug/kg	
BNASIM/NONE	SE	OA1401200907	N	p,p'-DDD	7.7	370	370	ug/kg	
BNASIM/NONE	SE	OA1401200907	N	o,p'-DDE	7.7	270	270	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1401200907	N	p,p'-DDE	38.0	1700 D	1700	ug/kg	
BNASIM/NONE	SE	OA1401200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	480	480	ug/kg	
BNASIM/NONE	SE	OA1401200907	N	1,1-bis(p-chlorophenyl)ethane	7.7	76.0	76.0	ug/kg	
BNASIM/NONE	SE	OA1401200907	N	p,p'-DDT	7.7	8.7	8.7	ug/kg	
BNASIM/NONE	SE	OA1401200909-11	N	o,p'-DDD	7.6	44.0	44.0	ug/kg	
BNASIM/NONE	SE	OA1401200909-11	N	p,p'-DDD	7.6	720	720	ug/kg	
BNASIM/NONE	SE	OA1401200909-11	N	o,p'-DDE	7.6	240	240	ug/kg	
BNASIM/NONE	SE	OA1401200909-11	N	p,p'-DDE	38.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA1401200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	440	440	ug/kg	
BNASIM/NONE	SE	OA1401200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.6	83.0	83.0	ug/kg	
BNASIM/NONE	SE	OA1401200909-11	N	p,p'-DDT	7.6	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA1401200913-15	N	o,p'-DDD	7.8	56.0	56.0	ug/kg	
BNASIM/NONE	SE	OA1401200913-15	N	p,p'-DDD	7.8	760	760	ug/kg	
BNASIM/NONE	SE	OA1401200913-15	N	o,p'-DDE	7.8	390	390	ug/kg	
BNASIM/NONE	SE	OA1401200913-15	N	p,p'-DDE	78.0	2200 D	2200	ug/kg	
BNASIM/NONE	SE	OA1401200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	78.0	720 D	720	ug/kg	
BNASIM/NONE	SE	OA1401200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.8	130	130	ug/kg	
BNASIM/NONE	SE	OA1401200913-15	N	o,p'-DDT	7.8	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1401200913-15	N	p,p'-DDT	7.8	22.0	22.0	ug/kg	
BNASIM/NONE	SE	OA1401200917-19	N	o,p'-DDD	7.9	77.0	77.0	ug/kg	
BNASIM/NONE	SE	OA1401200917-19	N	p,p'-DDD	7.9	630	630	ug/kg	
BNASIM/NONE	SE	OA1401200917-19	N	o,p'-DDE	7.9	580	580	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1401200917-19	N	p,p'-DDE	79.0	4300 D	4300	ug/kg	
BNASIM/NONE	SE	OA1401200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	79.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA1401200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.9	200	200	ug/kg	
BNASIM/NONE	SE	OA1401200917-19	N	p,p'-DDT	7.9	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA1401200921-23	N	o,p'-DDD	8.1	120	120	ug/kg	
BNASIM/NONE	SE	OA1401200921-23	N	p,p'-DDD	8.1	560	560	ug/kg	
BNASIM/NONE	SE	OA1401200921-23	N	o,p'-DDE	81.0	750 D	750	ug/kg	
BNASIM/NONE	SE	OA1401200921-23	N	p,p'-DDE	81.0	3600 D	3600	ug/kg	
BNASIM/NONE	SE	OA1401200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	81.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA1401200921-23	N	1,1-bis(p-chlorophenyl)ethane	8.1	230	230	ug/kg	
BNASIM/NONE	SE	OA1401200921-23	N	o,p'-DDT	8.1	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA1401200921-23	N	p,p'-DDT	8.1	32.0	32.0	ug/kg	
BNASIM/NONE	SE	OA1401200925-27	N	o,p'-DDD	8.9	120	120	ug/kg	
BNASIM/NONE	SE	OA1401200925-27	N	p,p'-DDD	8.9	580	580	ug/kg	
BNASIM/NONE	SE	OA1401200925-27	N	o,p'-DDE	89.0	770 D	770	ug/kg	
BNASIM/NONE	SE	OA1401200925-27	N	p,p'-DDE	89.0	3900 D	3900	ug/kg	
BNASIM/NONE	SE	OA1401200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	89.0	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA1401200925-27	N	1,1-bis(p-chlorophenyl)ethane	8.9	300	300	ug/kg	
BNASIM/NONE	SE	OA1401200925-27	N	o,p'-DDT	8.9	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA1401200925-27	N	p,p'-DDT	8.9	45.0	45.0	ug/kg	
BNASIM/NONE	SE	OA1401200929-31	N	o,p'-DDD	8.8	310	310	ug/kg	
BNASIM/NONE	SE	OA1401200929-31	N	p,p'-DDD	440	1100 D	1100	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1401200929-31	N	o,p'-DDE	440	2300 D	2300	ug/kg	
BNASIM/NONE	SE	OA1401200929-31	N	p,p'-DDE	440	11000 D	11000	ug/kg	
BNASIM/NONE	SE	OA1401200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	440	4200 D	4200	ug/kg	
BNASIM/NONE	SE	OA1401200929-31	N	1,1-bis(p-chlorophenyl)ethane	8.8	770	770	ug/kg	
BNASIM/NONE	SE	OA1401200929-31	N	o,p'-DDT	8.8	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA1401200929-31	N	p,p'-DDT	8.8	51.0	51.0	ug/kg	
BNASIM/NONE	SE	OA1401200933-35	N	o,p'-DDD	8.8	190	190	ug/kg	
BNASIM/NONE	SE	OA1401200933-35	N	p,p'-DDD	180	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA1401200933-35	N	o,p'-DDE	180	980 D	980	ug/kg	
BNASIM/NONE	SE	OA1401200933-35	N	p,p'-DDE	180	5400 D	5400	ug/kg	
BNASIM/NONE	SE	OA1401200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	180	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA1401200933-35	N	1,1-bis(p-chlorophenyl)ethane	8.8	430	430	ug/kg	
BNASIM/NONE	SE	OA1401200933-35	N	o,p'-DDT	8.8	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA1401200933-35	N	p,p'-DDT	8.8	97.0	97.0	ug/kg	
BNASIM/NONE	SE	OA1401200937-39	N	o,p'-DDD	8.0	64.0	64.0	ug/kg	
BNASIM/NONE	SE	OA1401200937-39	N	p,p'-DDD	80.0	580 D	580	ug/kg	
BNASIM/NONE	SE	OA1401200937-39	N	o,p'-DDE	8.0	380	380	ug/kg	
BNASIM/NONE	SE	OA1401200937-39	N	p,p'-DDE	80.0	1700 D	1700	ug/kg	
BNASIM/NONE	SE	OA1401200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.0	730	730	ug/kg	
BNASIM/NONE	SE	OA1401200937-39	N	1,1-bis(p-chlorophenyl)ethane	8.0	130	130	ug/kg	
BNASIM/NONE	SE	OA1401200937-39	N	o,p'-DDT	8.0	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1401200937-39	N	p,p'-DDT	8.0	20.0	20.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1401200941-43	N	o,p'-DDD	7.7	60.0	60.0	ug/kg	
BNASIM/NONE	SE	OA1401200941-43	N	p,p'-DDD	7.7	230	230	ug/kg	
BNASIM/NONE	SE	OA1401200941-43	N	o,p'-DDE	7.7	530	530	ug/kg	
BNASIM/NONE	SE	OA1401200941-43	N	p,p'-DDE	77.0	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA1401200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	77.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA1401200941-43	N	1,1-bis(p-chlorophenyl)ethane	7.7	180	180	ug/kg	
BNASIM/NONE	SE	OA1401200941-43	N	o,p'-DDT	7.7	7.0 J	7.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1401200945-47	N	o,p'-DDD	7.7	42.0	42.0	ug/kg	
BNASIM/NONE	SE	OA1401200945-47	N	p,p'-DDD	7.7	490	490	ug/kg	
BNASIM/NONE	SE	OA1401200945-47	N	o,p'-DDE	7.7	370	370	ug/kg	
BNASIM/NONE	SE	OA1401200945-47	N	p,p'-DDE	39.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA1401200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	39.0	780 D	780	ug/kg	
BNASIM/NONE	SE	OA1401200945-47	N	1,1-bis(p-chlorophenyl)ethane	7.7	130	130	ug/kg	
BNASIM/NONE	SE	OA1401200945-47	N	o,p'-DDT	7.7	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	OA1401200945-47	N	p,p'-DDT	7.7	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA1401200949-51	N	o,p'-DDD	7.2	9.0	9.0	ug/kg	
BNASIM/NONE	SE	OA1401200949-51	N	p,p'-DDD	7.2	35.0	35.0	ug/kg	
BNASIM/NONE	SE	OA1401200949-51	N	o,p'-DDE	7.2	83.0	83.0	ug/kg	
BNASIM/NONE	SE	OA1401200949-51	N	p,p'-DDE	7.2	370	370	ug/kg	
BNASIM/NONE	SE	OA1401200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	250	250	ug/kg	
BNASIM/NONE	SE	OA1401200949-51	N	1,1-bis(p-chlorophenyl)ethane	7.2	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA1401200953	N	o,p'-DDD	7.1	4.9 J	4.9 J	ug/kg	MTR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1401200953	N	p,p'-DDD	7.1	36.0	36.0 J	ug/kg	M
BNASIM/NONE	SE	OA1401200953	N	o,p'-DDE	7.1	37.0	37.0	ug/kg	
BNASIM/NONE	SE	OA1401200953	N	p,p'-DDE	7.1	180	180	ug/kg	
BNASIM/NONE	SE	OA1401200953	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	140	140	ug/kg	
BNASIM/NONE	SE	OA1401200953	N	1,1-bis(p-chlorophenyl)ethane	7.1	33.0	33.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,3',4,4',5-Pentachlorobiphenyl	11.0	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	PCB-138/158	7.8	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	7.3 J	7.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200903	N	2,4,4'-TRICHLOROBIPHENYL	7.8	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	PCB-138/158	7.8	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200905	N	2,2',5-TRICHLOROBIPHENYL	7.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1401200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1401200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.7	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200907	N	PCB-138/158	7.7	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1401200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1401200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	8.9	8.9	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA1401200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA1401200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1401200907	N	2,4,4'-TRICHLOROBIPHENYL	7.7	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	OA1401200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	8.3	8.3	ug/kg	
PCBSIM/NONE	SE	OA1401200913-15	N	PCB-138/158	7.8	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA1401200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	OA1401200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1401200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.8	3.5 J	3.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.9	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	PCB-138/158	7.9	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.9	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,2',5-TRICHLOROBIPHENYL	8.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	PCB-138/158	8.9	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	7.9 J	7.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA1401200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.9	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200925-27	N	2,4,4'-TRICHLOROBIPHENYL	8.9	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.8	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.8	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1401200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	8.8	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1401200929-31	N	PCB-138/158	8.8	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1401200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.8	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.8	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1401200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.8	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1401200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.8	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.8	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1401200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.8	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1401200929-31	N	2,2',5-TRICHLOROBIPHENYL	8.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1401200929-31	N	2,4,4'-TRICHLOROBIPHENYL	8.8	10.0	10.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.8	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.8	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1401200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	8.8	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1401200933-35	N	PCB-138/158	8.8	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1401200933-35	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.8	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.8	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1401200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.8	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA1401200933-35	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.8	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.8	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1401200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.8	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1401200933-35	N	2,2',5-TRICHLOROBIPHENYL	8.8	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1401200933-35	N	2,4,4'-TRICHLOROBIPHENYL	8.8	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1401200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	8.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1401200937-39	N	PCB-138/158	8.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1401200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1401200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1401200937-39	N	2,2',5-TRICHLOROBIPHENYL	8.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200937-39	N	2,4,4'-TRICHLOROBIPHENYL	8.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,3,4,4',5-Pentachlorobiphenyl	7.7	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1401200941-43	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1401200941-43	N	PCB-138/158	7.7	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	OA1401200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	OA1401200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.7	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	OA1401200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1401200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	6.5 J	6.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1401200941-43	N	2,2',5-TRICHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.7	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA1401200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA1401200945-47	N	PCB-138/158	7.7	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	OA1401200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1401200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200945-47	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.7	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200945-47	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA1401200945-47	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1401200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	OA1401200945-47	N	2,2',5-TRICHLOROBIPHENYL	7.7	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200945-47	N	2,4,4'-TRICHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200949-51	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200949-51	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200949-51	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1401200953	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1401200901	N	Moisture	0.10	54.9	54.9	PERCENT	
D2216/NONE	SE	OA1401200903	N	Moisture	0.10	35.8	35.8	PERCENT	
D2216/NONE	SE	OA1401200905	N	Moisture	0.10	35.5	35.5	PERCENT	
D2216/NONE	SE	OA1401200907	N	Moisture	0.10	35.0	35.0	PERCENT	
D2216/NONE	SE	OA1401200909-11	N	Moisture	0.10	34.6	34.6	PERCENT	
D2216/NONE	SE	OA1401200913-15	N	Moisture	0.10	35.7	35.7	PERCENT	
D2216/NONE	SE	OA1401200917-19	N	Moisture	0.10	37.0	37.0	PERCENT	
D2216/NONE	SE	OA1401200921-23	N	Moisture	0.10	38.0	38.0	PERCENT	
D2216/NONE	SE	OA1401200925-27	N	Moisture	0.10	44.0	44.0	PERCENT	
D2216/NONE	SE	OA1401200929-31	N	Moisture	0.10	43.5	43.5	PERCENT	
D2216/NONE	SE	OA1401200933-35	N	Moisture	0.10	43.4	43.4	PERCENT	
D2216/NONE	SE	OA1401200937-39	N	Moisture	0.10	37.3	37.3	PERCENT	
D2216/NONE	SE	OA1401200941-43	N	Moisture	0.10	35.0	35.0	PERCENT	
D2216/NONE	SE	OA1401200945-47	N	Moisture	0.10	35.4	35.4	PERCENT	
D2216/NONE	SE	OA1401200949-51	N	Moisture	0.10	30.3	30.3	PERCENT	
D2216/NONE	SE	OA1401200953	N	Moisture	0.10	30.0	30.0	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1401200901	N	Total Organic Carbon	0.11	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1401200903	N	Total Organic Carbon	0.078	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA1401200905	N	Total Organic Carbon	0.078	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA1401200907	N	Total Organic Carbon	0.077	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA1401200909-11	N	Total Organic Carbon	0.076	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1401200913-15	N	Total Organic Carbon	0.078	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1401200917-19	N	Total Organic Carbon	0.079	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA1401200921-23	N	Total Organic Carbon	0.081	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA1401200925-27	N	Total Organic Carbon	0.089	2.5	2.5	PERCENT	
SW9060/NONE	SE	OA1401200929-31	N	Total Organic Carbon	0.088	2.3	2.3	PERCENT	
SW9060/NONE	SE	OA1401200933-35	N	Total Organic Carbon	0.088	3.1	3.1	PERCENT	
SW9060/NONE	SE	OA1401200937-39	N	Total Organic Carbon	0.080	4.1	4.1	PERCENT	
SW9060/NONE	SE	OA1401200941-43	N	Total Organic Carbon	0.077	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA1401200945-47	N	Total Organic Carbon	0.077	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA1401200949-51	N	Total Organic Carbon	0.072	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1401200953	N	Total Organic Carbon	0.071	1.2	1.2	PERCENT	

AUTOMATED DATA REVIEW SUMMARY for 09111615

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1401200953	N	o,p'-DDT	7.1	7.1 U	R	ug/kg	M
BNASIM/NONE	SE	OA1401200953	N	p,p'-DDT	7.1	7.1 U	R	ug/kg	M

ADR CASE NARRATIVE

Laboratory ID: SDG 09111617

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

3. **PCB Congeners by PCB-SIM**
   An MS was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111617

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111617, Certified - 2/9/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 12-Feb-2010

Samples Included in SDG 09111617

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	10	0
D2216/NONE	10	0
PCBSIM/NONE	10	0
SW9060/NONE	10	0

AUTOMATED DATA REVIEW SUMMARY for 09111617

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111617. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Prep Hold Time

MS Recovery

BS RPD

LCS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Blank

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111617

Confirmation Column Difference

Field Blank

Negative Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank

Equip Blank

Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 09111617

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 3.92% (23 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

ADR Case Narrative.

Evin McKinney

12-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111617

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091123L03	091123L03	NA	LABQC	SQ	LABQC	0991301317		11/23/2009 12:00	12/10/2009 1:48	LB
	091123L03	NA	LABQC	SQ	LABQC	0991301317		11/23/2009 12:00	12/10/2009 2:11	BS
	091123L03	NA	LABQC	SQ	LABQC	0991301317		11/23/2009 12:00	12/10/2009 2:35	BD
091123S03	091123L03	NA	OA16	SE	OA1601200901	091116171		11/18/2009 12:00	12/13/2009 8:45	N
	091123L03	NA	OA16	SE	OA1601200901	091116171		11/18/2009 12:00	12/13/2009 8:45	N
	091123L03	NA	OA16	SE	OA1601200903	091116172		11/18/2009 12:00	12/13/2009 9:09	N
	091123L03	NA	OA16	SE	OA1601200903	091116172		11/18/2009 12:00	12/13/2009 9:09	N
	091123L03	NA	OA16	SE	OA1601200905	091116173		11/18/2009 12:00	12/13/2009 9:32	N
	091123L03	NA	OA16	SE	OA1601200905	091116173		11/18/2009 12:00	12/13/2009 9:32	N
	091123L03	NA	OA16	SE	OA1601200907	091116174		11/18/2009 12:00	12/13/2009 9:56	N
	091123L03	NA	OA16	SE	OA1601200907	091116174		11/18/2009 12:00	12/13/2009 9:56	N
	091123L03	NA	OA16	SE	OA1601200929	0911161715		11/18/2009 12:00	12/13/2009 10:19	N
	091123L03	NA	OA16	SE	OA1601200929	0911161715		11/18/2009 12:00	12/13/2009 10:19	N
091123S11	091123L11	NA	OA16	SE	OA1601200909-11	0911161716		11/18/2009 12:00	12/13/2009 10:43	N
	091123L11	NA	OA16	SE	OA1601200909-11	0911161716		11/18/2009 12:00	12/13/2009 10:43	N
	091123L11	NA	OA16	SE	OA1601200913-15	0911161717		11/18/2009 12:00	12/13/2009 11:06	N
	091123L11	NA	OA16	SE	OA1601200913-15	0911161717		11/18/2009 12:00	12/13/2009 11:06	N
	091123L11	NA	OA16	SE	OA1601200917-19	0911161718		11/18/2009 12:00	12/13/2009 11:30	N
	091123L11	NA	OA16	SE	OA1601200917-19	0911161718		11/18/2009 12:00	12/13/2009 11:30	N
	091123L11	NA	OA16	SE	OA1601200921-23	0911161719		11/18/2009 12:00	12/13/2009 11:53	N
	091123L11	NA	OA16	SE	OA1601200921-23	0911161719		11/18/2009 12:00	12/13/2009 11:53	N
	091123L11	NA	OA16	SE	OA1601200925-27	0911161720		11/18/2009 12:00	12/14/2009 12:17	N
	091123L11	NA	OA16	SE	OA1601200925-27	0911161720		11/18/2009 12:00	12/14/2009 12:17	N
091123S03	091123L03	NA	OA16	SE	OA1601200901	091116171		11/18/2009 12:00	12/14/2009 12:37	N
	091123L03	NA	OA16	SE	OA1601200903	091116172		11/18/2009 12:00	12/14/2009 1:00	N
	091123L03	NA	OA16	SE	OA1601200905	091116173		11/18/2009 12:00	12/14/2009 1:24	N
	091123L03	NA	OA16	SE	OA1601200907	091116174		11/18/2009 12:00	12/14/2009 1:47	N

AUTOMATED DATA REVIEW SUMMARY for 09111617

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091123S11	091123L11	NA	OA16	SE	OA1601200909-11	0911161716		11/18/2009 12:00	12/14/2009 2:11	N
	091123L11	NA	OA16	SE	OA1601200913-15	0911161717		11/18/2009 12:00	12/14/2009 2:34	N
	091123L11	NA	OA16	SE	OA1601200917-19	0911161718		11/18/2009 12:00	12/14/2009 2:58	N
	091123L11	NA	OA16	SE	OA1601200921-23	0911161719		11/18/2009 12:00	12/14/2009 3:21	N
091123L11	091123L11	NA	LABQC	SQ	LABQC	0991301319		11/23/2009 12:00	12/27/2009 5:41	LB
	091123L11	NA	LABQC	SQ	LABQC	0991301319		11/23/2009 12:00	12/27/2009 6:04	BS
	091123L11	NA	LABQC	SQ	LABQC	0991301319		11/23/2009 12:00	12/27/2009 6:28	BD

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOIDC	NA	NA	OA16	SE	OA1601200901	091116171		11/18/2009 12:00	11/21/2009 2:00	N
91121MOIBC	NA	NA	LABQC	SQ	LABQC	099050141672		11/21/2009 2:00	11/21/2009 2:00	LB
91121MOIDC	NA	NA	OA16	SE	OA1601200907	091116174		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA16	SE	OA1601200905	091116173		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA16	SE	OA1601200903	091116172		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA16	SE	OA1601200925-27	0911161720		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA16	SE	OA1601200921-23	0911161719		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA16	SE	OA1601200909-11	0911161716		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA16	SE	OA1601200917-19	0911161718		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA16	SE	OA1601200913-15	0911161717		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA16	SE	OA1601200929	0911161715		11/18/2009 12:00	11/21/2009 2:00	N
	NA	NA	OA16	SE	OA1601200925-27	0911161720		11/18/2009 12:00	11/21/2009 2:00	LR

AUTOMATED DATA REVIEW SUMMARY for 09111617

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091123L05A	091123L05A	NA	LABQC	SQ	LABQC	0991301737		11/23/2009 12:00	12/09/2009 5:10	BS
	091123L05A	NA	LABQC	SQ	LABQC	0991301737		11/23/2009 12:00	12/09/2009 5:38	BD
091123S05	091123L05A	NA	OA16	SE	OA1601200901	091116171		11/18/2009 12:00	12/10/2009 7:22	N
	091123L05A	NA	OA16	SE	OA1601200901	091116171		11/18/2009 12:00	12/10/2009 7:22	N
	091123L05A	NA	OA16	SE	OA1601200903	091116172		11/18/2009 12:00	12/10/2009 7:51	N
	091123L05A	NA	OA16	SE	OA1601200903	091116172		11/18/2009 12:00	12/10/2009 7:51	N
	091123L05A	NA	OA16	SE	OA1601200907	091116174		11/18/2009 12:00	12/10/2009 8:48	N
	091123L05A	NA	OA16	SE	OA1601200907	091116174		11/18/2009 12:00	12/10/2009 8:48	N
091123L05A	091123L05A	NA	LABQC	SQ	LABQC	0991301737		11/23/2009 12:00	12/12/2009 3:15	LB
091214L10	091214L10	NA	LABQC	SQ	LABQC	0991301787		12/14/2009 12:00	12/31/2009 1:15	LB
	091214L10	NA	LABQC	SQ	LABQC	0991301787		12/14/2009 12:00	12/31/2009 1:45	BS
	091214L10	NA	LABQC	SQ	LABQC	0991301787		12/14/2009 12:00	12/31/2009 2:13	BD
091214S10	091214L10	NA	OA16	SE	OA1601200905	091116173		11/18/2009 12:00	01/01/2010 12:27	N
	091214L10	NA	OA16	SE	OA1601200929	0911161715		11/18/2009 12:00	01/01/2010 12:56	N
	091214L10	NA	OA16	SE	OA1601200909-11	0911161716		11/18/2009 12:00	01/01/2010 1:26	N
	091214L10	NA	OA16	SE	OA1601200913-15	0911161717		11/18/2009 12:00	01/01/2010 1:54	N
	091214L10	NA	OA16	SE	OA1601200917-19	0911161718		11/18/2009 12:00	01/01/2010 2:24	N
	091214L10	NA	OA16	SE	OA1601200921-23	0911161719		11/18/2009 12:00	01/01/2010 2:52	N
	091214L10	NA	OA16	SE	OA1601200925-27	0911161720		11/18/2009 12:00	01/01/2010 3:21	N

AUTOMATED DATA REVIEW SUMMARY for 09111617

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91203TOCS1	NA	NA	OA16	SE	OA1601200907	091116174		11/18/2009 12:00	12/03/2009 5:23	SD
	NA	NA	OA16	SE	OA1601200907	091116174		11/18/2009 12:00	12/03/2009 5:23	MS
	NA	NA	OA16	SE	OA1601200907	091116174		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA16	SE	OA1601200903	091116172		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA16	SE	OA1601200905	091116173		11/18/2009 12:00	12/03/2009 5:23	N
	NA	NA	OA16	SE	OA1601200901	091116171		11/18/2009 12:00	12/03/2009 5:23	N
91203TOCL1	NA	NA	LABQC	SQ	LABQC	09906013423		12/03/2009 5:23	12/03/2009 5:23	BS
	NA	NA	LABQC	SQ	LABQC	09906013423		12/03/2009 5:23	12/03/2009 5:23	LB
91204TOCL1	NA	NA	LABQC	SQ	LABQC	09906013424		12/04/2009 3:07	12/04/2009 3:07	BS
	NA	NA	LABQC	SQ	LABQC	09906013424		12/04/2009 3:07	12/04/2009 3:07	LB
91204TOCS1	NA	NA	OA16	SE	OA1601200909-11	0911161716		11/18/2009 12:00	12/04/2009 3:07	N
	NA	NA	OA16	SE	OA1601200913-15	0911161717		11/18/2009 12:00	12/04/2009 3:07	N
	NA	NA	OA16	SE	OA1601200917-19	0911161718		11/18/2009 12:00	12/04/2009 3:07	N
	NA	NA	OA16	SE	OA1601200929	0911161715		11/18/2009 12:00	12/04/2009 3:07	MS
	NA	NA	OA16	SE	OA1601200925-27	0911161720		11/18/2009 12:00	12/04/2009 3:07	N
	NA	NA	OA16	SE	OA1601200921-23	0911161719		11/18/2009 12:00	12/04/2009 3:07	N
	NA	NA	OA16	SE	OA1601200929	0911161715		11/18/2009 12:00	12/04/2009 3:07	SD
	NA	NA	OA16	SE	OA1601200929	0911161715		11/18/2009 12:00	12/04/2009 3:07	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
PCBSIM / SW3545	Blank	P091123L05ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	4.1	ug/kg	U/None	< 1.9	< 9.2	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,2',5-TRICHLOROBIPHENYL	10.0	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,4,4'-TRICHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200903	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.2	30.0 B	30.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200903	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.2	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200903	N	2,2',5-TRICHLOROBIPHENYL	8.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',5-TRICHLOROBIPHENYL	8.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,4,4'-TRICHLOROBIPHENYL	8.0	4.2 J	4.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1601200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	62.0	62.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200907	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,3,4,4',5-Pentachlorobiphenyl	9.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,3',4,4',5-Pentachlorobiphenyl	9.2	60.0	60.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	PCB-138/158	9.2	62.0	62.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200907	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.2	32.0 B	32.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.2	59.0	59.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.2	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,2',5-TRICHLOROBIPHENYL	9.2	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	9.3 J	9.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1601200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.5	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.5	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	8.1	8.1 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	8.0	8.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200917-19	N	PCB-138/158	7.5	9.2	9.2 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	9.7	9.7 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	8.3	8.3 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	4.1 J	4.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1601200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.2	2.5 J	2.5 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1601200903	N	o,p'-DDT	8.2	6.8 J	6.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1601200905	N	o,p'-DDD	8.0	66.0	66.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200905	N	o,p'-DDT	8.0	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1601200909-11	N	o,p'-DDE	500	4000 D	4000 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200909-11	N	p,p'-DDE	500	16000 D	16000 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	500	15000 D	15000 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	190	6500 D	6500 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.5	290	290 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200917-19	N	o,p'-DDT	7.5	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1601200921-23	N	p,p'-DDD	7.2	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200925-27	N	o,p'-DDE	7.0	62.0	62.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200925-27	N	p,p'-DDE	7.0	310	310 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.0	44.0	44.0 J	ug/kg	D3

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1601200901	N	Total Organic Carbon	0.10	1.7	1.7 J	PERCENT	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1601200901	N	o,p'-DDD	10.0	63.0	63.0	ug/kg	
BNASIM/NONE	SE	OA1601200901	N	p,p'-DDD	10.0	200	200	ug/kg	
BNASIM/NONE	SE	OA1601200901	N	o,p'-DDE	10.0	480	480	ug/kg	
BNASIM/NONE	SE	OA1601200901	N	p,p'-DDE	100	2700 D	2700	ug/kg	
BNASIM/NONE	SE	OA1601200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	100	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA1601200901	N	1,1-bis(p-chlorophenyl)ethane	10.0	130	130	ug/kg	
BNASIM/NONE	SE	OA1601200903	N	o,p'-DDD	8.2	66.0	66.0	ug/kg	
BNASIM/NONE	SE	OA1601200903	N	p,p'-DDD	8.2	240	240	ug/kg	
BNASIM/NONE	SE	OA1601200903	N	o,p'-DDE	8.2	500	500	ug/kg	
BNASIM/NONE	SE	OA1601200903	N	p,p'-DDE	82.0	2700 D	2700	ug/kg	
BNASIM/NONE	SE	OA1601200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	82.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA1601200903	N	1,1-bis(p-chlorophenyl)ethane	8.2	160	160	ug/kg	
BNASIM/NONE	SE	OA1601200903	N	o,p'-DDT	8.2	6.8 J	6.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1601200905	N	o,p'-DDD	8.0	66.0	66.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200905	N	p,p'-DDD	8.0	260	260	ug/kg	
BNASIM/NONE	SE	OA1601200905	N	o,p'-DDE	8.0	470	470	ug/kg	
BNASIM/NONE	SE	OA1601200905	N	p,p'-DDE	80.0	2600 D	2600	ug/kg	
BNASIM/NONE	SE	OA1601200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	80.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA1601200905	N	1,1-bis(p-chlorophenyl)ethane	8.0	150	150	ug/kg	
BNASIM/NONE	SE	OA1601200905	N	o,p'-DDT	8.0	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1601200907	N	o,p'-DDD	9.2	110	110	ug/kg	
BNASIM/NONE	SE	OA1601200907	N	p,p'-DDD	9.2	410	410	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1601200907	N	o,p'-DDE	9.2	790	790	ug/kg	
BNASIM/NONE	SE	OA1601200907	N	p,p'-DDE	92.0	2900 D	2900	ug/kg	
BNASIM/NONE	SE	OA1601200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	92.0	1800 D	1800	ug/kg	
BNASIM/NONE	SE	OA1601200907	N	1,1-bis(p-chlorophenyl)ethane	9.2	350	350	ug/kg	
BNASIM/NONE	SE	OA1601200909-11	N	o,p'-DDD	10.0	320	320	ug/kg	
BNASIM/NONE	SE	OA1601200909-11	N	p,p'-DDD	500	1700 D	1700	ug/kg	
BNASIM/NONE	SE	OA1601200909-11	N	o,p'-DDE	500	4000 D	4000 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200909-11	N	p,p'-DDE	500	16000 D	16000 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	500	15000 D	15000 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200909-11	N	1,1-bis(p-chlorophenyl)ethane	500	1800 D	1800	ug/kg	
BNASIM/NONE	SE	OA1601200909-11	N	o,p'-DDT	10.0	37.0	37.0	ug/kg	
BNASIM/NONE	SE	OA1601200913-15	N	o,p'-DDD	9.5	200	200	ug/kg	
BNASIM/NONE	SE	OA1601200913-15	N	p,p'-DDD	9.5	690	690	ug/kg	
BNASIM/NONE	SE	OA1601200913-15	N	o,p'-DDE	190	2300 D	2300	ug/kg	
BNASIM/NONE	SE	OA1601200913-15	N	p,p'-DDE	190	11000 D	11000	ug/kg	
BNASIM/NONE	SE	OA1601200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	190	6500 D	6500 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200913-15	N	1,1-bis(p-chlorophenyl)ethane	9.5	810	810	ug/kg	
BNASIM/NONE	SE	OA1601200913-15	N	o,p'-DDT	9.5	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA1601200917-19	N	o,p'-DDD	7.5	96.0	96.0	ug/kg	
BNASIM/NONE	SE	OA1601200917-19	N	p,p'-DDD	7.5	660	660	ug/kg	
BNASIM/NONE	SE	OA1601200917-19	N	o,p'-DDE	7.5	510	510	ug/kg	
BNASIM/NONE	SE	OA1601200917-19	N	p,p'-DDE	75.0	2900 D	2900	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1601200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	75.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA1601200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.5	290	290 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200917-19	N	o,p'-DDT	7.5	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1601200921-23	N	o,p'-DDD	7.2	32.0	32.0	ug/kg	
BNASIM/NONE	SE	OA1601200921-23	N	p,p'-DDD	7.2	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200921-23	N	o,p'-DDE	7.2	200	200	ug/kg	
BNASIM/NONE	SE	OA1601200921-23	N	p,p'-DDE	36.0	720 D	720	ug/kg	
BNASIM/NONE	SE	OA1601200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	550	550	ug/kg	
BNASIM/NONE	SE	OA1601200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.2	140	140	ug/kg	
BNASIM/NONE	SE	OA1601200925-27	N	o,p'-DDD	7.0	8.7	8.7	ug/kg	
BNASIM/NONE	SE	OA1601200925-27	N	p,p'-DDD	7.0	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA1601200925-27	N	o,p'-DDE	7.0	62.0	62.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200925-27	N	p,p'-DDE	7.0	310	310 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.0	44.0	44.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1601200929	N	o,p'-DDD	7.2	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA1601200929	N	p,p'-DDD	7.2	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA1601200929	N	o,p'-DDE	7.2	110	110	ug/kg	
BNASIM/NONE	SE	OA1601200929	N	p,p'-DDE	7.2	530	530	ug/kg	
BNASIM/NONE	SE	OA1601200929	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	310	310	ug/kg	
BNASIM/NONE	SE	OA1601200929	N	1,1-bis(p-chlorophenyl)ethane	7.2	48.0	48.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1601200901	N	PCB-138/158	10.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA1601200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	26.0 B	26.0	ug/kg	
PCBSIM/NONE	SE	OA1601200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA1601200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1601200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1601200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1601200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1601200901	N	2,2',5-TRICHLOROBIPHENYL	10.0	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200901	N	2,4,4'-TRICHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1601200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA1601200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	8.3	8.3	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1601200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA1601200903	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.2	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA1601200903	N	PCB-138/158	8.2	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA1601200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.2	30.0 B	30.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA1601200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1601200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1601200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1601200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1601200903	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.2	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200903	N	2,2',5-TRICHLOROBIPHENYL	8.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200903	N	2,4,4'-TRICHLOROBIPHENYL	8.2	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1601200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1601200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1601200905	N	PCB-138/158	8.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1601200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1601200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	8.9	8.9	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1601200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	OA1601200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA1601200905	N	2,2',5-TRICHLOROBIPHENYL	8.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200905	N	2,4,4'-TRICHLOROBIPHENYL	8.0	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.2	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	OA1601200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.2	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA1601200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.2	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA1601200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.2	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1601200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.2	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1601200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	62.0	62.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200907	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,3,4,4',5-Pentachlorobiphenyl	9.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,3',4,4',5-Pentachlorobiphenyl	9.2	60.0	60.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	PCB-138/158	9.2	62.0	62.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200907	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.2	32.0 B	32.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.2	13.0	13.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1601200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.2	59.0	59.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.2	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1601200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.2	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA1601200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.2	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA1601200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.2	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA1601200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.2	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,2',5-TRICHLOROBIPHENYL	9.2	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200907	N	2,4,4'-TRICHLOROBIPHENYL	9.2	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA1601200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	OA1601200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	PCB-138/158	10.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA1601200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	10.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA1601200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1601200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	30.0	30.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	OA1601200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1601200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200909-11	N	2,2',5-TRICHLOROBIPHENYL	10.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1601200909-11	N	2,4,4'-TRICHLOROBIPHENYL	10.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.5	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.5	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.5	37.0	37.0	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	9.5	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	PCB-138/158	9.5	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.5	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.5	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.5	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.5	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.5	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200913-15	N	2,2',5-TRICHLOROBIPHENYL	9.5	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1601200913-15	N	2,4,4'-TRICHLOROBIPHENYL	9.5	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	8.1	8.1 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	8.0	8.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200917-19	N	PCB-138/158	7.5	9.2	9.2 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	9.7	9.7 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	8.3	8.3 J	ug/kg	D3
PCBSIM/NONE	SE	OA1601200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1601200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.2	2.5 J	2.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1601200901	N	Moisture	0.10	51.7	51.7	PERCENT	
D2216/NONE	SE	OA1601200903	N	Moisture	0.10	38.8	38.8	PERCENT	
D2216/NONE	SE	OA1601200905	N	Moisture	0.10	37.2	37.2	PERCENT	
D2216/NONE	SE	OA1601200907	N	Moisture	0.10	45.8	45.8	PERCENT	
D2216/NONE	SE	OA1601200909-11	N	Moisture	0.10	50.2	50.2	PERCENT	
D2216/NONE	SE	OA1601200913-15	N	Moisture	0.10	47.5	47.5	PERCENT	
D2216/NONE	SE	OA1601200917-19	N	Moisture	0.10	33.3	33.3	PERCENT	
D2216/NONE	SE	OA1601200921-23	N	Moisture	0.10	30.5	30.5	PERCENT	
D2216/NONE	SE	OA1601200925-27	N	Moisture	0.10	28.6	28.6	PERCENT	
D2216/NONE	SE	OA1601200929	N	Moisture	0.10	30.7	30.7	PERCENT	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1601200901	N	Total Organic Carbon	0.10	1.7	1.7 J	PERCENT	D3
SW9060/NONE	SE	OA1601200903	N	Total Organic Carbon	0.082	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA1601200905	N	Total Organic Carbon	0.080	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA1601200907	N	Total Organic Carbon	0.092	3.0	3.0	PERCENT	
SW9060/NONE	SE	OA1601200909-11	N	Total Organic Carbon	0.10	3.1	3.1	PERCENT	
SW9060/NONE	SE	OA1601200913-15	N	Total Organic Carbon	0.095	3.6	3.6	PERCENT	
SW9060/NONE	SE	OA1601200917-19	N	Total Organic Carbon	0.075	2.1	2.1	PERCENT	
SW9060/NONE	SE	OA1601200921-23	N	Total Organic Carbon	0.072	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA1601200925-27	N	Total Organic Carbon	0.070	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1601200929	N	Total Organic Carbon	0.072	1.1	1.1	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111618

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Pesticides (DDTs) by BNA-SIM**
   It was noted that the data flagging system does not identify Field Duplicates as parent samples for the matrix spike (MS) and matrix spike duplicate (SD) and blank contamination (LB); thus, the system could not properly apply qualifiers for percent recoveries out of project control limits. Qualifiers were applied on this basis as seen on the Qualified Results report.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111618

Facility: EPA, Region 9

Event: PV Shelf - Sediment (Slicing Event 1)

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111618, Certified - 2/9/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 12-Feb-2010

Samples Included in SDG 09111618

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	0	14
D2216/NONE	0	14
PCBSIM/NONE	0	13
SW9060/NONE	0	14

AUTOMATED DATA REVIEW SUMMARY for 09111618

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111618. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Blank

Field Duplicate RPD

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Negative Blank

Confirmation Column Difference

Field Blank

Calibration Blank

Equip Blank

Continuing Calibration Verification

Trip Blank

Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 09111618

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 3.73% (29 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

ADR Case Narrative.

Evin McKinney

12-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111618

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091123S11	091123L11	NA	OA16	SE	OA1602200901	091116181		11/18/2009 12:00	12/14/2009 12:40	FD
	091123L11	NA	OA16	SE	OA1602200901	091116181		11/18/2009 12:00	12/14/2009 12:40	FD
	091123L11	NA	OA16	SE	OA1602200903	091116182		11/18/2009 12:00	12/14/2009 1:04	FD
	091123L11	NA	OA16	SE	OA1602200903	091116182		11/18/2009 12:00	12/14/2009 1:04	FD
	091123L11	NA	OA16	SE	OA1602200905	091116183		11/18/2009 12:00	12/14/2009 1:27	FD
	091123L11	NA	OA16	SE	OA1602200905	091116183		11/18/2009 12:00	12/14/2009 1:27	FD
	091123L11	NA	OA16	SE	OA1602200907	091116184		11/18/2009 12:00	12/14/2009 1:51	FD
	091123L11	NA	OA16	SE	OA1602200907	091116184		11/18/2009 12:00	12/14/2009 1:51	FD
	091123L11	NA	OA16	SE	OA1602200909-11	0911161825		11/18/2009 12:00	12/14/2009 2:14	FD
	091123L11	NA	OA16	SE	OA1602200909-11	0911161825		11/18/2009 12:00	12/14/2009 2:14	FD
	091123L11	NA	OA16	SE	OA1602200913-15	0911161826		11/18/2009 12:00	12/14/2009 2:38	FD
	091123L11	NA	OA16	SE	OA1602200913-15	0911161826		11/18/2009 12:00	12/14/2009 2:38	FD
	091123L11	NA	OA16	SE	OA1602200917-19	0911161827		11/18/2009 12:00	12/14/2009 3:01	FD
	091123L11	NA	OA16	SE	OA1602200917-19	0911161827		11/18/2009 12:00	12/14/2009 3:01	FD
	091123L11	NA	OA16	SE	OA1602200921-23	0911161828		11/18/2009 12:00	12/14/2009 3:25	FD
	091123L11	NA	OA16	SE	OA1602200921-23	0911161828		11/18/2009 12:00	12/14/2009 3:25	FD
	091123L11	NA	OA16	SE	OA1602200925-27	0911161829		11/18/2009 12:00	12/14/2009 3:48	FD
	091123L11	NA	OA16	SE	OA1602200925-27	0911161829		11/18/2009 12:00	12/14/2009 3:48	FD
	091123L11	NA	OA16	SE	OA1602200929-31	0911161830		11/18/2009 12:00	12/14/2009 4:12	FD
	091123L11	NA	OA16	SE	OA1602200929-31	0911161830		11/18/2009 12:00	12/14/2009 4:12	FD
	091123L11	NA	OA16	SE	OA1602200933-35	0911161831		11/18/2009 12:00	12/14/2009 4:35	FD
	091123L11	NA	OA16	SE	OA1602200933-35	0911161831		11/18/2009 12:00	12/14/2009 4:35	FD
	091123L11	NA	OA16	SE	OA1602200901	091116181		11/18/2009 12:00	12/14/2009 3:45	FD
	091123L11	NA	OA16	SE	OA1602200903	091116182		11/18/2009 12:00	12/14/2009 4:08	FD
	091123L11	NA	OA16	SE	OA1602200905	091116183		11/18/2009 12:00	12/14/2009 4:32	FD
	091123L11	NA	OA16	SE	OA1602200907	091116184		11/18/2009 12:00	12/14/2009 4:55	FD
	091123L11	NA	OA16	SE	OA1602200909-11	0911161825		11/18/2009 12:00	12/14/2009 7:32	FD

AUTOMATED DATA REVIEW SUMMARY for 09111618

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091123S11	091123L11	NA	OA16	SE	OA1602200913-15	0911161826		11/18/2009 12:00	12/14/2009 7:56	FD
	091123L11	NA	OA16	SE	OA1602200917-19	0911161827		11/18/2009 12:00	12/14/2009 8:19	FD
	091123L11	NA	OA16	SE	OA1602200921-23	0911161828		11/18/2009 12:00	12/14/2009 8:43	FD
	091123L11	NA	OA16	SE	OA1602200929-31	0911161830		11/18/2009 12:00	12/14/2009 9:06	FD
091123S11P	091123L11	NA	OA16	SE	OA1602200937-39	0911161832		11/18/2009 12:00	12/14/2009 9:30	FD
	091123L11	NA	OA16	SE	OA1602200937-39	0911161832		11/18/2009 12:00	12/14/2009 9:30	FD
091123S11	091123L11	NA	OA16	SE	OA1602200941-43	0911161833		11/18/2009 12:00	12/14/2009 9:53	FD
	091123L11	NA	OA16	SE	OA1602200941-43	0911161833		11/18/2009 12:00	12/14/2009 9:53	FD
	091123L11	NA	OA16	SE	OA1602200945-47	0911161834		11/18/2009 12:00	12/14/2009 10:17	FD
	091123L11	NA	OA16	SE	OA1602200945-47	0911161834		11/18/2009 12:00	12/14/2009 10:17	FD
	091123L11	NA	OA16	SE	OA1602200933-35	0911161831		11/18/2009 12:00	12/14/2009 10:40	MS
	091123L11	NA	OA16	SE	OA1602200933-35	0911161831		11/18/2009 12:00	12/14/2009 11:04	SD
091123L11	091123L11	NA	LABQC	SQ	LABQC	0991301319		11/23/2009 12:00	12/27/2009 5:41	LB
	091123L11	NA	LABQC	SQ	LABQC	0991301319		11/23/2009 12:00	12/27/2009 6:04	BS
	091123L11	NA	LABQC	SQ	LABQC	0991301319		11/23/2009 12:00	12/27/2009 6:28	BD

AUTOMATED DATA REVIEW SUMMARY for 09111618

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOIDD	NA	NA	OA16	SE	OA1602200901	091116181		11/18/2009 12:00	11/21/2009 6:00	FD
91121MOIBD	NA	NA	LABQC	SQ	LABQC	099050141673		11/21/2009 6:00	11/21/2009 6:00	LB
91121MOIDD	NA	NA	OA16	SE	OA1602200907	091116184		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200905	091116183		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200903	091116182		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200925-27	0911161829		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200921-23	0911161828		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200917-19	0911161827		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200913-15	0911161826		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200909-11	0911161825		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200941-43	0911161833		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200945-47	0911161834		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200937-39	0911161832		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200933-35	0911161831		11/18/2009 12:00	11/21/2009 6:00	FD
	NA	NA	OA16	SE	OA1602200909-11	0911161825		11/18/2009 12:00	11/21/2009 6:00	LR
	NA	NA	OA16	SE	OA1602200929-31	0911161830		11/18/2009 12:00	11/21/2009 6:00	FD

AUTOMATED DATA REVIEW SUMMARY for 09111618

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091123L13A	091123L13A	NA	LABQC	SQ	LABQC	0991301738		11/23/2009 12:00	12/07/2009 3:11	BS
	091123L13A	NA	LABQC	SQ	LABQC	0991301738		11/23/2009 12:00	12/07/2009 3:43	BD
091123S13	091123L13A	NA	OA16	SE	OA1602200901	091116181		11/18/2009 12:00	12/10/2009 12:59	FD
	091123L13A	NA	OA16	SE	OA1602200901	091116181		11/18/2009 12:00	12/10/2009 12:59	FD
091123L13A	091123L13A	NA	LABQC	SQ	LABQC	0991301738		11/23/2009 12:00	12/12/2009 3:44	LB
091214L11	091214L11	NA	LABQC	SQ	LABQC	0991301785		12/14/2009 12:00	12/31/2009 1:31	LB
	091214L11	NA	LABQC	SQ	LABQC	0991301785		12/14/2009 12:00	12/31/2009 2:01	BS
	091214L11	NA	LABQC	SQ	LABQC	0991301785		12/14/2009 12:00	12/31/2009 2:30	BD
091214S11	091214L11	NA	OA16	SE	OA1602200909-11	0911161825		11/18/2009 12:00	01/01/2010 1:30	FD
	091214L11	NA	OA16	SE	OA1602200913-15	0911161826		11/18/2009 12:00	01/01/2010 1:59	FD
	091214L11	NA	OA16	SE	OA1602200917-19	0911161827		11/18/2009 12:00	01/01/2010 2:28	FD
	091214L11	NA	OA16	SE	OA1602200921-23	0911161828		11/18/2009 12:00	01/01/2010 2:58	FD
	091214L11	NA	OA16	SE	OA1602200925-27	0911161829		11/18/2009 12:00	01/01/2010 3:26	FD
	091214L11	NA	OA16	SE	OA1602200929-31	0911161830		11/18/2009 12:00	01/01/2010 3:55	FD
	091214L11	NA	OA16	SE	OA1602200933-35	0911161831		11/18/2009 12:00	01/01/2010 4:25	FD
	091214L11	NA	OA16	SE	OA1602200937-39	0911161832		11/18/2009 12:00	01/01/2010 4:54	FD
	091214L11	NA	OA16	SE	OA1602200941-43	0911161833		11/18/2009 12:00	01/04/2010 6:45	FD
	091214L11	NA	OA16	SE	OA1602200945-47	0911161834		11/18/2009 12:00	01/04/2010 7:15	FD
	091214L11	NA	OA16	SE	OA1602200907	091116184		11/18/2009 12:00	01/05/2010 7:13	FD
	091214L11	NA	OA16	SE	OA1602200903	091116182		11/18/2009 12:00	01/05/2010 7:43	FD
	091214L11	NA	OA16	SE	OA1602200945-47	0911161834		11/18/2009 12:00	01/05/2010 9:13	MS
	091214L11	NA	OA16	SE	OA1602200945-47	0911161834		11/18/2009 12:00	01/05/2010 9:43	SD
091123S13	091123L13A	NA	OA16	SE	OA1602200937-39	0911161832		11/18/2009 12:00	01/07/2010 6:08	MS
	091123L13A	NA	OA16	SE	OA1602200937-39	0911161832		11/18/2009 12:00	01/07/2010 6:39	SD

AUTOMATED DATA REVIEW SUMMARY for 09111618

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91204TOCS1	NA	NA	OA16	SE	OA1602200907	091116184		11/18/2009 12:00	12/04/2009 3:07	FD
	NA	NA	OA16	SE	OA1602200903	091116182		11/18/2009 12:00	12/04/2009 3:07	FD
	NA	NA	OA16	SE	OA1602200905	091116183		11/18/2009 12:00	12/04/2009 3:07	FD
	NA	NA	OA16	SE	OA1602200901	091116181		11/18/2009 12:00	12/04/2009 3:07	FD
91204TOCL1	NA	NA	LABQC	SQ	LABQC	09906013424		12/04/2009 3:07	12/04/2009 3:07	BS
	NA	NA	LABQC	SQ	LABQC	09906013424		12/04/2009 3:07	12/04/2009 3:07	LB
91204TOCS1	NA	NA	OA16	SE	OA1602200909-11	0911161825		11/18/2009 12:00	12/04/2009 3:07	FD
91207TOCS1	NA	NA	OA16	SE	OA1602200913-15	0911161826		11/18/2009 12:00	12/07/2009 6:17	MS
	NA	NA	OA16	SE	OA1602200913-15	0911161826		11/18/2009 12:00	12/07/2009 6:17	SD
	NA	NA	OA16	SE	OA1602200913-15	0911161826		11/18/2009 12:00	12/07/2009 6:17	FD
	NA	NA	OA16	SE	OA1602200925-27	0911161829		11/18/2009 12:00	12/07/2009 6:17	FD
	NA	NA	OA16	SE	OA1602200917-19	0911161827		11/18/2009 12:00	12/07/2009 6:17	FD
	NA	NA	OA16	SE	OA1602200921-23	0911161828		11/18/2009 12:00	12/07/2009 6:17	FD
91207TOCL1	NA	NA	LABQC	SQ	LABQC	09906013427		12/07/2009 6:17	12/07/2009 6:17	BS
	NA	NA	LABQC	SQ	LABQC	09906013427		12/07/2009 6:17	12/07/2009 6:17	LB
91207TOCS1	NA	NA	OA16	SE	OA1602200941-43	0911161833		11/18/2009 12:00	12/07/2009 6:17	FD
	NA	NA	OA16	SE	OA1602200945-47	0911161834		11/18/2009 12:00	12/07/2009 6:17	FD
	NA	NA	OA16	SE	OA1602200929-31	0911161830		11/18/2009 12:00	12/07/2009 6:17	FD
	NA	NA	OA16	SE	OA1602200933-35	0911161831		11/18/2009 12:00	12/07/2009 6:17	FD
	NA	NA	OA16	SE	OA1602200937-39	0911161832		11/18/2009 12:00	12/07/2009 6:17	FD

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA1602200933-35 / MS	1	o,p'-DDD	140	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1602200933-35 / SD	1	o,p'-DDD	134	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1602200933-35 / MS	1	o,p'-DDT	36.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1602200933-35 / SD	1	o,p'-DDT	25.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1602200933-35 / MS	1	p,p'-DDD	154	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1602200933-35 / SD	1	p,p'-DDD	141	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1602200933-35 / MS	1	p,p'-DDT	26.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1602200933-35 / SD	1	p,p'-DDT	16.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	Blank	P091123L13ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	3.2	ug/kg	U/None	< 1.9	< 11	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1602200901	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,2',5-TRICHLOROBIPHENYL	11.0	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,4,4'-TRICHLOROBIPHENYL	11.0	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,3,3',4,4',5-Hexachlorobiphenyl	8.2	8.2 U	8.2 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA1602200903	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,2',5-TRICHLOROBIPHENYL	8.2	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,4,4'-TRICHLOROBIPHENYL	8.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200907	FD	2,3',4,4',5-Pentachlorobiphenyl	8.2	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200907	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	3.6 J	3.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1602200907	FD	PCB-138/158	8.2	25.0	25.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200907	FD	2,3,3',4,4',5-Hexachlorobiphenyl	8.2	8.2 J	8.2 U	ug/kg	TRD3
PCBSIM/NONE	SE	OA1602200907	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.2	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	27.0	27.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200907	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,4,4'-TRICHLOROBIPHENYL	8.2	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	2,4'-DICHLOROBIPHENYL	9.9	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.9	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.9	9.9 J	9.9 U	ug/kg	B1
PCBSIM/NONE	SE	OA1602200909-11	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.9	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200913-15	FD	2,4'-DICHLOROBIPHENYL	9.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200913-15	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.7	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200913-15	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.7	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200913-15	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.7	9.7 J	9.7 U	ug/kg	B1
PCBSIM/NONE	SE	OA1602200913-15	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.7	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,4'-DICHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	38.0	38.0 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.4	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,3',4,4',5-Pentachlorobiphenyl	8.4	35.0	35.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200917-19	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	PCB-138/158	8.4	39.0	39.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200917-19	FD	2,3,3',4,4',5-Hexachlorobiphenyl	8.4	8.4 J	8.4 U	ug/kg	B1
PCBSIM/NONE	SE	OA1602200917-19	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.4	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	41.0	41.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200917-19	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	34.0	34.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200917-19	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.4	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200921-23	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200921-23	FD	2,3',4,4',5-Pentachlorobiphenyl	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200921-23	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200921-23	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200921-23	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200921-23	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,3',4,4',5-Pentachlorobiphenyl	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,4,4'-TRICHLOROBIPHENYL	8.0	4.1 J	4.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1602200901	FD	o,p'-DDT	11.0	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200903	FD	o,p'-DDT	8.2	8.0 J	8.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200905	FD	o,p'-DDD	8.2	39.0	39.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200907	FD	o,p'-DDT	8.2	6.1 J	6.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200907	FD	p,p'-DDT	8.2	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200909-11	FD	o,p'-DDE	99.0	1500 D	1500 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200909-11	FD	p,p'-DDE	99.0	5300 D	5300 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	99.0	5600 D	5600 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200913-15	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	97.0	2900 D	2900 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200917-19	FD	1,1-bis(p-chlorophenyl)ethane	8.4	530	530 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200917-19	FD	o,p'-DDT	8.4	7.3 J	7.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200921-23	FD	p,p'-DDD	7.3	68.0	68.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200925-27	FD	o,p'-DDE	7.3	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200925-27	FD	p,p'-DDE	7.3	650	650 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200925-27	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	540	540 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200925-27	FD	1,1-bis(p-chlorophenyl)ethane	7.3	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200929-31	FD	o,p'-DDT	8.0	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200933-35	FD	p,p'-DDD	6.8	5.4 J	5.4 J	ug/kg	MTR
BNASIM/NONE	SE	OA1602200933-35	FD	o,p'-DDT	6.8	6.8 U	6.8 UJ	ug/kg	M
BNASIM/NONE	SE	OA1602200933-35	FD	p,p'-DDT	6.8	6.8 U	6.8 UJ	ug/kg	M
BNASIM/NONE	SE	OA1602200937-39	FD	o,p'-DDE	6.8	3.2 J	3.2 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200937-39	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200937-39	FD	1,1-bis(p-chlorophenyl)ethane	6.8	2.3 J	2.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1602200901	FD	Total Organic Carbon	0.11	3.9	3.9 J	PERCENT	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1602200901	FD	o,p'-DDD	11.0	46.0	46.0	ug/kg	
BNASIM/NONE	SE	OA1602200901	FD	p,p'-DDD	11.0	300	300	ug/kg	
BNASIM/NONE	SE	OA1602200901	FD	o,p'-DDE	11.0	410	410	ug/kg	
BNASIM/NONE	SE	OA1602200901	FD	p,p'-DDE	57.0	2000 D	2000	ug/kg	
BNASIM/NONE	SE	OA1602200901	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	11.0	1000	1000	ug/kg	
BNASIM/NONE	SE	OA1602200901	FD	1,1-bis(p-chlorophenyl)ethane	11.0	110	110	ug/kg	
BNASIM/NONE	SE	OA1602200901	FD	o,p'-DDT	11.0	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200903	FD	o,p'-DDD	8.2	59.0	59.0	ug/kg	
BNASIM/NONE	SE	OA1602200903	FD	p,p'-DDD	8.2	260	260	ug/kg	
BNASIM/NONE	SE	OA1602200903	FD	o,p'-DDE	8.2	530	530	ug/kg	
BNASIM/NONE	SE	OA1602200903	FD	p,p'-DDE	82.0	2400 D	2400	ug/kg	
BNASIM/NONE	SE	OA1602200903	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	82.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA1602200903	FD	1,1-bis(p-chlorophenyl)ethane	8.2	160	160	ug/kg	
BNASIM/NONE	SE	OA1602200903	FD	o,p'-DDT	8.2	8.0 J	8.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200905	FD	o,p'-DDD	8.2	39.0	39.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200905	FD	p,p'-DDD	8.2	180	180	ug/kg	
BNASIM/NONE	SE	OA1602200905	FD	o,p'-DDE	8.2	380	380	ug/kg	
BNASIM/NONE	SE	OA1602200905	FD	p,p'-DDE	82.0	2000 D	2000	ug/kg	
BNASIM/NONE	SE	OA1602200905	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	82.0	1000 D	1000	ug/kg	
BNASIM/NONE	SE	OA1602200905	FD	1,1-bis(p-chlorophenyl)ethane	8.2	120	120	ug/kg	
BNASIM/NONE	SE	OA1602200907	FD	o,p'-DDD	8.2	84.0	84.0	ug/kg	
BNASIM/NONE	SE	OA1602200907	FD	p,p'-DDD	8.2	530	530	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1602200907	FD	o,p'-DDE	8.2	720	720	ug/kg	
BNASIM/NONE	SE	OA1602200907	FD	p,p'-DDE	82.0	3300 D	3300	ug/kg	
BNASIM/NONE	SE	OA1602200907	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	82.0	2100 D	2100	ug/kg	
BNASIM/NONE	SE	OA1602200907	FD	1,1-bis(p-chlorophenyl)ethane	8.2	270	270	ug/kg	
BNASIM/NONE	SE	OA1602200907	FD	o,p'-DDT	8.2	6.1 J	6.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200907	FD	p,p'-DDT	8.2	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200909-11	FD	o,p'-DDD	9.9	210	210	ug/kg	
BNASIM/NONE	SE	OA1602200909-11	FD	p,p'-DDD	9.9	750	750	ug/kg	
BNASIM/NONE	SE	OA1602200909-11	FD	o,p'-DDE	99.0	1500 D	1500 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200909-11	FD	p,p'-DDE	99.0	5300 D	5300 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	99.0	5600 D	5600 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200909-11	FD	1,1-bis(p-chlorophenyl)ethane	99.0	650 D	650	ug/kg	
BNASIM/NONE	SE	OA1602200909-11	FD	o,p'-DDT	9.9	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA1602200913-15	FD	o,p'-DDD	9.7	210	210	ug/kg	
BNASIM/NONE	SE	OA1602200913-15	FD	p,p'-DDD	9.7	860	860	ug/kg	
BNASIM/NONE	SE	OA1602200913-15	FD	o,p'-DDE	97.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA1602200913-15	FD	p,p'-DDE	97.0	6900 D	6900	ug/kg	
BNASIM/NONE	SE	OA1602200913-15	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	97.0	2900 D	2900 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200913-15	FD	1,1-bis(p-chlorophenyl)ethane	9.7	910	910	ug/kg	
BNASIM/NONE	SE	OA1602200913-15	FD	o,p'-DDT	9.7	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA1602200917-19	FD	o,p'-DDD	8.4	130	130	ug/kg	
BNASIM/NONE	SE	OA1602200917-19	FD	p,p'-DDD	8.4	500	500	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1602200917-19	FD	o,p'-DDE	84.0	560 D	560	ug/kg	
BNASIM/NONE	SE	OA1602200917-19	FD	p,p'-DDE	84.0	3300 D	3300	ug/kg	
BNASIM/NONE	SE	OA1602200917-19	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	84.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA1602200917-19	FD	1,1-bis(p-chlorophenyl)ethane	8.4	530	530 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200917-19	FD	o,p'-DDT	8.4	7.3 J	7.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200921-23	FD	o,p'-DDD	7.3	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA1602200921-23	FD	p,p'-DDD	7.3	68.0	68.0 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200921-23	FD	o,p'-DDE	7.3	170	170	ug/kg	
BNASIM/NONE	SE	OA1602200921-23	FD	p,p'-DDE	37.0	720 D	720	ug/kg	
BNASIM/NONE	SE	OA1602200921-23	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	430	430	ug/kg	
BNASIM/NONE	SE	OA1602200921-23	FD	1,1-bis(p-chlorophenyl)ethane	7.3	120	120	ug/kg	
BNASIM/NONE	SE	OA1602200925-27	FD	o,p'-DDD	7.3	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1602200925-27	FD	p,p'-DDD	7.3	43.0	43.0	ug/kg	
BNASIM/NONE	SE	OA1602200925-27	FD	o,p'-DDE	7.3	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200925-27	FD	p,p'-DDE	7.3	650	650 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200925-27	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	540	540 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200925-27	FD	1,1-bis(p-chlorophenyl)ethane	7.3	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA1602200929-31	FD	o,p'-DDD	8.0	40.0	40.0	ug/kg	
BNASIM/NONE	SE	OA1602200929-31	FD	p,p'-DDD	8.0	120	120	ug/kg	
BNASIM/NONE	SE	OA1602200929-31	FD	o,p'-DDE	8.0	350	350	ug/kg	
BNASIM/NONE	SE	OA1602200929-31	FD	p,p'-DDE	40.0	980 D	980	ug/kg	
BNASIM/NONE	SE	OA1602200929-31	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	40.0	1400 D	1400	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1602200929-31	FD	1,1-bis(p-chlorophenyl)ethane	8.0	230	230	ug/kg	
BNASIM/NONE	SE	OA1602200929-31	FD	o,p'-DDT	8.0	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200933-35	FD	p,p'-DDD	6.8	5.4 J	5.4 J	ug/kg	MTR
BNASIM/NONE	SE	OA1602200933-35	FD	o,p'-DDE	6.8	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA1602200933-35	FD	p,p'-DDE	6.8	75.0	75.0	ug/kg	
BNASIM/NONE	SE	OA1602200933-35	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA1602200933-35	FD	1,1-bis(p-chlorophenyl)ethane	6.8	7.6	7.6	ug/kg	
BNASIM/NONE	SE	OA1602200937-39	FD	o,p'-DDE	6.8	3.2 J	3.2 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200937-39	FD	p,p'-DDE	6.8	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1602200937-39	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200937-39	FD	1,1-bis(p-chlorophenyl)ethane	6.8	2.3 J	2.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1602200941-43	FD	p,p'-DDD	7.0	8.4	8.4	ug/kg	
BNASIM/NONE	SE	OA1602200941-43	FD	o,p'-DDE	7.0	23.0	23.0	ug/kg	
BNASIM/NONE	SE	OA1602200941-43	FD	p,p'-DDE	7.0	110	110	ug/kg	
BNASIM/NONE	SE	OA1602200941-43	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	67.0	67.0	ug/kg	
BNASIM/NONE	SE	OA1602200941-43	FD	1,1-bis(p-chlorophenyl)ethane	7.0	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA1602200945-47	FD	p,p'-DDD	6.9	8.9	8.9	ug/kg	
BNASIM/NONE	SE	OA1602200945-47	FD	o,p'-DDE	6.9	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA1602200945-47	FD	p,p'-DDE	6.9	150	150	ug/kg	
BNASIM/NONE	SE	OA1602200945-47	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	82.0	82.0	ug/kg	
BNASIM/NONE	SE	OA1602200945-47	FD	1,1-bis(p-chlorophenyl)ethane	6.9	20.0	20.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1602200901	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1602200901	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1602200901	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,3',4,4',5-Pentachlorobiphenyl	11.0	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1602200901	FD	PCB-138/158	11.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1602200901	FD	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	31.0 B	31.0	ug/kg	
PCBSIM/NONE	SE	OA1602200901	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1602200901	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1602200901	FD	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1602200901	FD	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1602200901	FD	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1602200901	FD	2,2',5-TRICHLOROBIPHENYL	11.0	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200901	FD	2,4,4'-TRICHLOROBIPHENYL	11.0	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1602200903	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1602200903	FD	2,3',4,4',5-Pentachlorobiphenyl	8.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1602200903	FD	PCB-138/158	8.2	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1602200903	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1602200903	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1602200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1602200903	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1602200903	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1602200903	FD	2,2',5-TRICHLOROBIPHENYL	8.2	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200903	FD	2,4,4'-TRICHLOROBIPHENYL	8.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1602200907	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200907	FD	2,3',4,4',5-Pentachlorobiphenyl	8.2	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200907	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	PCB-138/158	8.2	25.0	25.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200907	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.2	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	27.0	27.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200907	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	17.0	17.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1602200907	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1602200907	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA1602200907	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1602200907	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200907	FD	2,2',5-TRICHLOROBIPHENYL	8.2	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1602200907	FD	2,4,4'-TRICHLOROBIPHENYL	8.2	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	2,4'-DICHLOROBIPHENYL	9.9	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.9	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.9	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.9	53.0	53.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	2,3',4,4',5-Pentachlorobiphenyl	9.9	60.0	60.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	PCB-138/158	9.9	57.0	57.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.9	68.0	68.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.9	34.0	34.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1602200909-11	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.9	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.9	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.9	62.0	62.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.9	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200909-11	FD	2,2',5-TRICHLOROBIPHENYL	9.9	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1602200909-11	FD	2,4,4'-TRICHLOROBIPHENYL	9.9	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,4'-DICHLOROBIPHENYL	9.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200913-15	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.7	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200913-15	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.7	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.7	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.7	49.0	49.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,3',4,4',5-Pentachlorobiphenyl	9.7	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.7	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200913-15	FD	PCB-138/158	9.7	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	9.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.7	58.0	58.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.7	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.7	38.0	38.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1602200913-15	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.7	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.7	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.7	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200913-15	FD	2,2',5-TRICHLOROBIPHENYL	9.7	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1602200913-15	FD	2,4,4'-TRICHLOROBIPHENYL	9.7	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1602200917-19	FD	2,4'-DICHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	38.0	38.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.4	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,3',4,4',5-Pentachlorobiphenyl	8.4	35.0	35.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200917-19	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	PCB-138/158	8.4	39.0	39.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200917-19	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.4	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	41.0	41.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200917-19	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1602200917-19	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	25.0	25.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	34.0	34.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA1602200917-19	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1602200917-19	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.4	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200917-19	FD	2,2',5-TRICHLOROBIPHENYL	8.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1602200917-19	FD	2,4,4'-TRICHLOROBIPHENYL	8.4	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1602200921-23	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200921-23	FD	2,3',4,4',5-Pentachlorobiphenyl	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200921-23	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200921-23	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200921-23	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200921-23	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,3',4,4',5-Pentachlorobiphenyl	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200925-27	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	11.0	11.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1602200929-31	FD	2,3',4,4',5-Pentachlorobiphenyl	8.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1602200929-31	FD	PCB-138/158	8.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1602200929-31	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1602200929-31	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	8.3	8.3	ug/kg	
PCBSIM/NONE	SE	OA1602200929-31	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1602200929-31	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1602200929-31	FD	2,4,4'-TRICHLOROBIPHENYL	8.0	4.1 J	4.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1602200901	FD	Moisture	0.10	56.1	56.1	PERCENT	
D2216/NONE	SE	OA1602200903	FD	Moisture	0.10	39.3	39.3	PERCENT	
D2216/NONE	SE	OA1602200905	FD	Moisture	0.10	38.7	38.7	PERCENT	
D2216/NONE	SE	OA1602200907	FD	Moisture	0.10	39.3	39.3	PERCENT	
D2216/NONE	SE	OA1602200909-11	FD	Moisture	0.10	49.7	49.7	PERCENT	
D2216/NONE	SE	OA1602200913-15	FD	Moisture	0.10	48.6	48.6	PERCENT	
D2216/NONE	SE	OA1602200917-19	FD	Moisture	0.10	40.7	40.7	PERCENT	
D2216/NONE	SE	OA1602200921-23	FD	Moisture	0.10	31.8	31.8	PERCENT	
D2216/NONE	SE	OA1602200925-27	FD	Moisture	0.10	31.9	31.9	PERCENT	
D2216/NONE	SE	OA1602200929-31	FD	Moisture	0.10	37.5	37.5	PERCENT	
D2216/NONE	SE	OA1602200933-35	FD	Moisture	0.10	27.0	27.0	PERCENT	
D2216/NONE	SE	OA1602200937-39	FD	Moisture	0.10	26.0	26.0	PERCENT	
D2216/NONE	SE	OA1602200941-43	FD	Moisture	0.10	28.1	28.1	PERCENT	
D2216/NONE	SE	OA1602200945-47	FD	Moisture	0.10	27.8	27.8	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1602200901	FD	Total Organic Carbon	0.11	3.9	3.9 J	PERCENT	D3
SW9060/NONE	SE	OA1602200903	FD	Total Organic Carbon	0.082	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA1602200905	FD	Total Organic Carbon	0.082	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA1602200907	FD	Total Organic Carbon	0.082	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA1602200909-11	FD	Total Organic Carbon	0.099	3.1	3.1	PERCENT	
SW9060/NONE	SE	OA1602200913-15	FD	Total Organic Carbon	0.097	3.1	3.1	PERCENT	
SW9060/NONE	SE	OA1602200917-19	FD	Total Organic Carbon	0.084	2.1	2.1	PERCENT	
SW9060/NONE	SE	OA1602200921-23	FD	Total Organic Carbon	0.073	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1602200925-27	FD	Total Organic Carbon	0.073	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1602200929-31	FD	Total Organic Carbon	0.080	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA1602200933-35	FD	Total Organic Carbon	0.068	0.93	0.93	PERCENT	
SW9060/NONE	SE	OA1602200937-39	FD	Total Organic Carbon	0.068	0.84	0.84	PERCENT	
SW9060/NONE	SE	OA1602200941-43	FD	Total Organic Carbon	0.070	1.0	1.0	PERCENT	
SW9060/NONE	SE	OA1602200945-47	FD	Total Organic Carbon	0.069	1.0	1.0	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111619

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Reports – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Pesticides (DDTs) by BNA-SIM**
   It was noted that samples OA1701200925-27 was rejected for o,p'-DDT and p,p'-DDT due to extremely low matrix spike (MS) and matrix spike duplicate (SD) recoveries as seen in the Rejected Results report.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111619

Facility: EPA, Region 9

Event: PV Shelf - Sediment

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111619, Certified - 2/9/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 12-Feb-2010

Samples Included in SDG 09111619

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	12	0
D2216/NONE	12	0
PCBSIM/NONE	12	0
SW9060/NONE	12	0

AUTOMATED DATA REVIEW SUMMARY for 09111619

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111619. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111619

Confirmation Column Difference

Field Blank

Negative Blank

Calibration Blank

Equip Blank

Calibration Blank - Negative

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 09111619

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.69% (5 results) and the rejection of 0.28% (2 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

ADR Case Narrative.

Evin McKinney

12-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111619

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091123L12	091123L12	NA	LABQC	SQ	LABQC	0991301318		11/23/2009 12:00	12/14/2009 6:22	LB
	091123L12	NA	LABQC	SQ	LABQC	0991301318		11/23/2009 12:00	12/14/2009 6:45	BS
	091123L12	NA	LABQC	SQ	LABQC	0991301318		11/23/2009 12:00	12/14/2009 7:09	BD
091123S12	091123L12	NA	OA17	SE	OA1701200903	091116192		11/18/2009 12:00	12/14/2009 11:51	N
	091123L12	NA	OA17	SE	OA1701200903	091116192		11/18/2009 12:00	12/14/2009 11:51	N
	091123L12	NA	OA17	SE	OA1701200905	091116193		11/18/2009 12:00	12/15/2009 12:14	N
	091123L12	NA	OA17	SE	OA1701200905	091116193		11/18/2009 12:00	12/15/2009 12:14	N
	091123L12	NA	OA17	SE	OA1701200909-11	0911161921		11/18/2009 12:00	12/15/2009 1:01	N
	091123L12	NA	OA17	SE	OA1701200909-11	0911161921		11/18/2009 12:00	12/15/2009 1:01	N
	091123L12	NA	OA17	SE	OA1701200913-15	0911161922		11/18/2009 12:00	12/15/2009 1:25	N
	091123L12	NA	OA17	SE	OA1701200913-15	0911161922		11/18/2009 12:00	12/15/2009 1:25	N
	091123L12	NA	OA17	SE	OA1701200917-19	0911161923		11/18/2009 12:00	12/15/2009 1:48	N
	091123L12	NA	OA17	SE	OA1701200917-19	0911161923		11/18/2009 12:00	12/15/2009 1:48	N
	091123L12	NA	OA17	SE	OA1701200921-23	0911161924		11/18/2009 12:00	12/15/2009 2:12	N
	091123L12	NA	OA17	SE	OA1701200921-23	0911161924		11/18/2009 12:00	12/15/2009 2:12	N
	091123L12	NA	OA17	SE	OA1701200925-27	0911161925		11/18/2009 12:00	12/15/2009 2:35	N
	091123L12	NA	OA17	SE	OA1701200925-27	0911161925		11/18/2009 12:00	12/15/2009 2:35	N
	091123L12	NA	OA17	SE	OA1701200929-31	0911161926		11/18/2009 12:00	12/15/2009 2:59	N
	091123L12	NA	OA17	SE	OA1701200929-31	0911161926		11/18/2009 12:00	12/15/2009 2:59	N
	091123L12	NA	OA17	SE	OA1701200933-35	0911161927		11/18/2009 12:00	12/15/2009 3:22	N
	091123L12	NA	OA17	SE	OA1701200933-35	0911161927		11/18/2009 12:00	12/15/2009 3:22	N
091123S12P	091123L12	NA	OA17	SE	OA1701200937-39	0911161928		11/18/2009 12:00	12/15/2009 3:46	N
	091123L12	NA	OA17	SE	OA1701200937-39	0911161928		11/18/2009 12:00	12/15/2009 3:46	N
091123S12	091123L12	NA	OA17	SE	OA1701200925-27	0911161925		11/18/2009 12:00	12/15/2009 4:09	MS
	091123L12	NA	OA17	SE	OA1701200925-27	0911161925		11/18/2009 12:00	12/15/2009 4:33	SD
	091123L12	NA	OA17	SE	OA1701200901	091116191		11/18/2009 12:00	12/15/2009 12:53	N
	091123L12	NA	OA17	SE	OA1701200903	091116192		11/18/2009 12:00	12/15/2009 1:17	N

AUTOMATED DATA REVIEW SUMMARY for 09111619

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091123S12	091123L12	NA	OA17	SE	OA1701200905	091116193		11/18/2009 12:00	12/15/2009 1:40	N
	091123L12	NA	OA17	SE	OA1701200907	091116194		11/18/2009 12:00	12/15/2009 2:27	N
	091123L12	NA	OA17	SE	OA1701200909-11	0911161921		11/18/2009 12:00	12/15/2009 2:50	N
	091123L12	NA	OA17	SE	OA1701200913-15	0911161922		11/18/2009 12:00	12/15/2009 3:14	N
	091123L12	NA	OA17	SE	OA1701200901	091116191		11/18/2009 12:00	12/15/2009 6:44	N
	091123L12	NA	OA17	SE	OA1701200901	091116191		11/18/2009 12:00	12/15/2009 6:44	N
	091123L12	NA	OA17	SE	OA1701200907	091116194		11/18/2009 12:00	12/15/2009 7:07	N
	091123L12	NA	OA17	SE	OA1701200907	091116194		11/18/2009 12:00	12/15/2009 7:07	N

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91121MOIDE	NA	NA	OA17	SE	OA1701200907	091116194		11/18/2009 12:00	11/21/2009 2:30	N
	NA	NA	OA17	SE	OA1701200905	091116193		11/18/2009 12:00	11/21/2009 2:30	N
	NA	NA	OA17	SE	OA1701200903	091116192		11/18/2009 12:00	11/21/2009 2:30	N
	NA	NA	OA17	SE	OA1701200901	091116191		11/18/2009 12:00	11/21/2009 2:30	N
91121MOIBE	NA	NA	LABQC	SQ	LABQC	099050141670		11/21/2009 2:30	11/21/2009 2:30	LB
91121MOIDE	NA	NA	OA17	SE	OA1701200913-15	0911161922		11/18/2009 12:00	11/21/2009 2:30	N
	NA	NA	OA17	SE	OA1701200909-11	0911161921		11/18/2009 12:00	11/21/2009 2:30	LR
	NA	NA	OA17	SE	OA1701200909-11	0911161921		11/18/2009 12:00	11/21/2009 2:30	N
	NA	NA	OA17	SE	OA1701200925-27	0911161925		11/18/2009 12:00	11/21/2009 2:30	N
	NA	NA	OA17	SE	OA1701200921-23	0911161924		11/18/2009 12:00	11/21/2009 2:30	N
	NA	NA	OA17	SE	OA1701200917-19	0911161923		11/18/2009 12:00	11/21/2009 2:30	N
	NA	NA	OA17	SE	OA1701200937-39	0911161928		11/18/2009 12:00	11/21/2009 2:30	N
	NA	NA	OA17	SE	OA1701200933-35	0911161927		11/18/2009 12:00	11/21/2009 2:30	N
	NA	NA	OA17	SE	OA1701200929-31	0911161926		11/18/2009 12:00	11/21/2009 2:30	N

AUTOMATED DATA REVIEW SUMMARY for 09111619

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091123L14A	091123L14A	NA	LABQC	SQ	LABQC	0991301739		11/23/2009 12:00	12/10/2009 11:47	BS
	091123L14A	NA	LABQC	SQ	LABQC	0991301739		11/23/2009 12:00	12/10/2009 12:16	BD
091123S14	091123L14A	NA	OA17	SE	OA1701200907	091116194		11/18/2009 12:00	12/11/2009 1:34	N
	091123L14A	NA	OA17	SE	OA1701200907	091116194		11/18/2009 12:00	12/11/2009 1:34	N
091123L14A	091123L14A	NA	LABQC	SQ	LABQC	0991301739		11/23/2009 12:00	12/12/2009 4:14	LB
091123S14	091123L14A	NA	OA17	SE	OA1701200933-35	0911161927		11/18/2009 12:00	12/13/2009 6:07	MS
	091123L14A	NA	OA17	SE	OA1701200933-35	0911161927		11/18/2009 12:00	12/13/2009 6:37	SD
091214L12	091214L12	NA	LABQC	SQ	LABQC	0991301786		12/14/2009 12:00	01/04/2010 12:44	LB
	091214L12	NA	LABQC	SQ	LABQC	0991301786		12/14/2009 12:00	01/04/2010 1:14	BS
	091214L12	NA	LABQC	SQ	LABQC	0991301786		12/14/2009 12:00	01/04/2010 1:45	BD
091214S12	091214L12	NA	OA17	SE	OA1701200901	091116191		11/18/2009 12:00	01/04/2010 7:46	N
	091214L12	NA	OA17	SE	OA1701200903	091116192		11/18/2009 12:00	01/04/2010 8:16	N
	091214L12	NA	OA17	SE	OA1701200905	091116193		11/18/2009 12:00	01/04/2010 8:46	N
	091214L12	NA	OA17	SE	OA1701200909-11	0911161921		11/18/2009 12:00	01/04/2010 9:16	N
	091214L12	NA	OA17	SE	OA1701200913-15	0911161922		11/18/2009 12:00	01/04/2010 9:46	N
	091214L12	NA	OA17	SE	OA1701200917-19	0911161923		11/18/2009 12:00	01/04/2010 10:16	N
	091214L12	NA	OA17	SE	OA1701200921-23	0911161924		11/18/2009 12:00	01/04/2010 10:46	N
	091214L12	NA	OA17	SE	OA1701200925-27	0911161925		11/18/2009 12:00	01/04/2010 11:16	N
	091214L12	NA	OA17	SE	OA1701200929-31	0911161926		11/18/2009 12:00	01/04/2010 11:45	N
	091214L12	NA	OA17	SE	OA1701200933-35	0911161927		11/18/2009 12:00	01/05/2010 6:14	N
	091214L12	NA	OA17	SE	OA1701200937-39	0911161928		11/18/2009 12:00	01/05/2010 6:43	N
	091214L12	NA	OA17	SE	OA1701200909-11	0911161921		11/18/2009 12:00	01/05/2010 8:13	MS
	091214L12	NA	OA17	SE	OA1701200909-11	0911161921		11/18/2009 12:00	01/05/2010 8:43	SD

AUTOMATED DATA REVIEW SUMMARY for 09111619

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91202TOCS1	NA	NA	OA17	SE	OA1701200913-15	0911161922		11/18/2009 12:00	12/02/2009 2:04	N
	NA	NA	OA17	SE	OA1701200909-11	0911161921		11/18/2009 12:00	12/02/2009 2:04	N
	NA	NA	OA17	SE	OA1701200925-27	0911161925		11/18/2009 12:00	12/02/2009 2:04	N
	NA	NA	OA17	SE	OA1701200917-19	0911161923		11/18/2009 12:00	12/02/2009 2:04	N
	NA	NA	OA17	SE	OA1701200921-23	0911161924		11/18/2009 12:00	12/02/2009 2:04	N
	NA	NA	OA17	SE	OA1701200903	091116192		11/18/2009 12:00	12/02/2009 2:04	N
	NA	NA	OA17	SE	OA1701200907	091116194		11/18/2009 12:00	12/02/2009 2:04	N
	NA	NA	OA17	SE	OA1701200905	091116193		11/18/2009 12:00	12/02/2009 2:04	N
	NA	NA	OA17	SE	OA1701200901	091116191		11/18/2009 12:00	12/02/2009 2:04	N
91202TOCL1	NA	NA	LABQC	SQ	LABQC	09906013429		12/02/2009 2:04	12/02/2009 2:04	BS
	NA	NA	LABQC	SQ	LABQC	09906013429		12/02/2009 2:04	12/02/2009 2:04	LB
91202TOCS1	NA	NA	OA17	SE	OA1701200937-39	0911161928		11/18/2009 12:00	12/02/2009 2:04	SD
	NA	NA	OA17	SE	OA1701200937-39	0911161928		11/18/2009 12:00	12/02/2009 2:04	MS
	NA	NA	OA17	SE	OA1701200937-39	0911161928		11/18/2009 12:00	12/02/2009 2:04	N
	NA	NA	OA17	SE	OA1701200929-31	0911161926		11/18/2009 12:00	12/02/2009 2:04	N
	NA	NA	OA17	SE	OA1701200933-35	0911161927		11/18/2009 12:00	12/02/2009 2:04	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA1701200925-27 / MS	1	o,p'-DDD	146	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1701200925-27 / SD	1	o,p'-DDD	149	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1701200925-27 / MS	1	o,p'-DDT	4.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1701200925-27 / SD	1	o,p'-DDT	4.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1701200925-27 / MS	1	p,p'-DDD	130	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1701200925-27 / MS	1	p,p'-DDE	5.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1701200925-27 / SD	1	p,p'-DDE	46.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1701200925-27 / MS	1	p,p'-DDT	5.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1701200925-27 / SD	1	p,p'-DDT	2.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA1701200925-27 / SD	1	p,p'-DDD	57.4	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA1701200925-27 / SD	1	p,p'-DDE	161	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA1701200925-27 / SD	1	p,p'-DDT	85.7	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	Blank	P091123L14ALABQC / LB	1	2,3,3',4,4',5-Hexachlorobiphenyl	3.9	ug/kg	U/None	< 1.9	< 8	B1	

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1701200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	PCB-138/158	7.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,2',5-TRICHLOROBIPHENYL	7.5	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,4,4'-TRICHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200907	N	2,4'-DICHLOROBIPHENYL	8.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	8.4 J	8.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1701200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.6	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.6	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1701200905	N	p,p'-DDT	7.5	7.0 J	7.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1701200913-15	N	o,p'-DDT	7.6	5.8 J	5.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1701200913-15	N	p,p'-DDT	7.6	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1701200925-27	N	o,p'-DDD	7.0	8.3	8.3 J	ug/kg	M
BNASIM/NONE	SE	OA1701200925-27	N	p,p'-DDD	7.0	110	110 J	ug/kg	MD2
BNASIM/NONE	SE	OA1701200925-27	N	p,p'-DDE	7.0	320	320 J	ug/kg	MD2
BNASIM/NONE	SE	OA1701200925-27	N	o,p'-DDT	7.0	7.0 U	7.0 R	ug/kg	M
BNASIM/NONE	SE	OA1701200925-27	N	p,p'-DDT	7.0	7.0 U	7.0 R	ug/kg	MD2
BNASIM/NONE	SE	OA1701200933-35	N	o,p'-DDD	7.2	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1701200937-39	N	o,p'-DDD	7.2	3.5 J	3.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1701200901	N	o,p'-DDD	10.0	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA1701200901	N	p,p'-DDD	10.0	200	200	ug/kg	
BNASIM/NONE	SE	OA1701200901	N	o,p'-DDE	10.0	210	210	ug/kg	
BNASIM/NONE	SE	OA1701200901	N	p,p'-DDE	51.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA1701200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	10.0	350	350	ug/kg	
BNASIM/NONE	SE	OA1701200901	N	1,1-bis(p-chlorophenyl)ethane	10.0	50.0	50.0	ug/kg	
BNASIM/NONE	SE	OA1701200901	N	p,p'-DDT	10.0	61.0	61.0	ug/kg	
BNASIM/NONE	SE	OA1701200903	N	o,p'-DDD	7.5	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA1701200903	N	p,p'-DDD	7.5	89.0	89.0	ug/kg	
BNASIM/NONE	SE	OA1701200903	N	o,p'-DDE	7.5	110	110	ug/kg	
BNASIM/NONE	SE	OA1701200903	N	p,p'-DDE	37.0	680 D	680	ug/kg	
BNASIM/NONE	SE	OA1701200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	210	210	ug/kg	
BNASIM/NONE	SE	OA1701200903	N	1,1-bis(p-chlorophenyl)ethane	7.5	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA1701200905	N	o,p'-DDD	7.5	80.0	80.0	ug/kg	
BNASIM/NONE	SE	OA1701200905	N	p,p'-DDD	150	6200 D	6200	ug/kg	
BNASIM/NONE	SE	OA1701200905	N	o,p'-DDE	7.5	320	320	ug/kg	
BNASIM/NONE	SE	OA1701200905	N	p,p'-DDE	150	8200 D	8200	ug/kg	
BNASIM/NONE	SE	OA1701200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	650	650	ug/kg	
BNASIM/NONE	SE	OA1701200905	N	1,1-bis(p-chlorophenyl)ethane	7.5	110	110	ug/kg	
BNASIM/NONE	SE	OA1701200905	N	o,p'-DDT	7.5	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA1701200905	N	p,p'-DDT	7.5	7.0 J	7.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1701200907	N	o,p'-DDD	8.0	96.0	96.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1701200907	N	p,p'-DDD	8.0	480	480	ug/kg	
BNASIM/NONE	SE	OA1701200907	N	o,p'-DDE	8.0	550	550	ug/kg	
BNASIM/NONE	SE	OA1701200907	N	p,p'-DDE	80.0	2800 D	2800	ug/kg	
BNASIM/NONE	SE	OA1701200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	80.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA1701200907	N	1,1-bis(p-chlorophenyl)ethane	8.0	240	240	ug/kg	
BNASIM/NONE	SE	OA1701200907	N	o,p'-DDT	8.0	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA1701200907	N	p,p'-DDT	8.0	56.0	56.0	ug/kg	
BNASIM/NONE	SE	OA1701200909-11	N	o,p'-DDD	8.5	220	220	ug/kg	
BNASIM/NONE	SE	OA1701200909-11	N	p,p'-DDD	170	960 D	960	ug/kg	
BNASIM/NONE	SE	OA1701200909-11	N	o,p'-DDE	170	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA1701200909-11	N	p,p'-DDE	170	7300 D	7300	ug/kg	
BNASIM/NONE	SE	OA1701200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	170	2500 D	2500	ug/kg	
BNASIM/NONE	SE	OA1701200909-11	N	1,1-bis(p-chlorophenyl)ethane	8.5	560	560	ug/kg	
BNASIM/NONE	SE	OA1701200909-11	N	o,p'-DDT	8.5	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA1701200909-11	N	p,p'-DDT	8.5	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA1701200913-15	N	o,p'-DDD	7.6	110	110	ug/kg	
BNASIM/NONE	SE	OA1701200913-15	N	p,p'-DDD	7.6	420	420	ug/kg	
BNASIM/NONE	SE	OA1701200913-15	N	o,p'-DDE	7.6	600	600	ug/kg	
BNASIM/NONE	SE	OA1701200913-15	N	p,p'-DDE	76.0	3500 D	3500	ug/kg	
BNASIM/NONE	SE	OA1701200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	76.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA1701200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.6	260	260	ug/kg	
BNASIM/NONE	SE	OA1701200913-15	N	o,p'-DDT	7.6	5.8 J	5.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1701200913-15	N	p,p'-DDT	7.6	7.4 J	7.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1701200917-19	N	o,p'-DDD	7.3	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1701200917-19	N	p,p'-DDD	7.3	77.0	77.0	ug/kg	
BNASIM/NONE	SE	OA1701200917-19	N	o,p'-DDE	7.3	100	100	ug/kg	
BNASIM/NONE	SE	OA1701200917-19	N	p,p'-DDE	7.3	500	500	ug/kg	
BNASIM/NONE	SE	OA1701200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	280	280	ug/kg	
BNASIM/NONE	SE	OA1701200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.3	59.0	59.0	ug/kg	
BNASIM/NONE	SE	OA1701200921-23	N	o,p'-DDD	7.3	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA1701200921-23	N	p,p'-DDD	7.3	43.0	43.0	ug/kg	
BNASIM/NONE	SE	OA1701200921-23	N	o,p'-DDE	7.3	83.0	83.0	ug/kg	
BNASIM/NONE	SE	OA1701200921-23	N	p,p'-DDE	7.3	430	430	ug/kg	
BNASIM/NONE	SE	OA1701200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	210	210	ug/kg	
BNASIM/NONE	SE	OA1701200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.3	47.0	47.0	ug/kg	
BNASIM/NONE	SE	OA1701200925-27	N	o,p'-DDD	7.0	8.3	8.3 J	ug/kg	M
BNASIM/NONE	SE	OA1701200925-27	N	p,p'-DDD	7.0	110	110 J	ug/kg	MD2
BNASIM/NONE	SE	OA1701200925-27	N	o,p'-DDE	7.0	63.0	63.0	ug/kg	
BNASIM/NONE	SE	OA1701200925-27	N	p,p'-DDE	7.0	320	320 J	ug/kg	MD2
BNASIM/NONE	SE	OA1701200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	140	140	ug/kg	
BNASIM/NONE	SE	OA1701200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.0	37.0	37.0	ug/kg	
BNASIM/NONE	SE	OA1701200929-31	N	o,p'-DDD	7.3	9.5	9.5	ug/kg	
BNASIM/NONE	SE	OA1701200929-31	N	p,p'-DDD	7.3	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA1701200929-31	N	o,p'-DDE	7.3	79.0	79.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1701200929-31	N	p,p'-DDE	7.3	400	400	ug/kg	
BNASIM/NONE	SE	OA1701200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	210	210	ug/kg	
BNASIM/NONE	SE	OA1701200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.3	40.0	40.0	ug/kg	
BNASIM/NONE	SE	OA1701200933-35	N	o,p'-DDD	7.2	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1701200933-35	N	p,p'-DDD	7.2	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA1701200933-35	N	o,p'-DDE	7.2	46.0	46.0	ug/kg	
BNASIM/NONE	SE	OA1701200933-35	N	p,p'-DDE	7.2	260	260	ug/kg	
BNASIM/NONE	SE	OA1701200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	86.0	86.0	ug/kg	
BNASIM/NONE	SE	OA1701200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.2	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA1701200937-39	N	o,p'-DDD	7.2	3.5 J	3.5 J	ug/kg	TR
BNASIM/NONE	SE	OA1701200937-39	N	p,p'-DDD	7.2	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA1701200937-39	N	o,p'-DDE	7.2	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA1701200937-39	N	p,p'-DDE	7.2	100	100	ug/kg	
BNASIM/NONE	SE	OA1701200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	40.0	40.0	ug/kg	
BNASIM/NONE	SE	OA1701200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.2	9.4	9.4	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1701200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.3 J	3.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1701200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	PCB-138/158	7.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	7.9	7.9	ug/kg	
PCBSIM/NONE	SE	OA1701200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	OA1701200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,2',5-TRICHLOROBIPHENYL	7.5	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200905	N	2,4,4'-TRICHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200907	N	2,4'-DICHLOROBIPHENYL	8.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.0	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	PCB-138/158	8.0	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.0	55.0 B	55.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1701200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200907	N	2,2',5-TRICHLOROBIPHENYL	8.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1701200907	N	2,4,4'-TRICHLOROBIPHENYL	8.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1701200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA1701200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA1701200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	37.0	37.0	ug/kg	
PCBSIM/NONE	SE	OA1701200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	8.5	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	OA1701200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	PCB-138/158	8.5	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA1701200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.5	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	OA1701200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	22.0	22.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1701200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1701200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	OA1701200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA1701200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.5	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1701200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.5	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1701200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA1701200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1701200913-15	N	PCB-138/158	7.6	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1701200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1701200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1701200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.6	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.6	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	4.3 J	4.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1701200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1701200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1701200901	N	Moisture	0.10	50.8	50.8	PERCENT	
D2216/NONE	SE	OA1701200903	N	Moisture	0.10	33.0	33.0	PERCENT	
D2216/NONE	SE	OA1701200905	N	Moisture	0.10	33.5	33.5	PERCENT	
D2216/NONE	SE	OA1701200907	N	Moisture	0.10	37.7	37.7	PERCENT	
D2216/NONE	SE	OA1701200909-11	N	Moisture	0.10	41.3	41.3	PERCENT	
D2216/NONE	SE	OA1701200913-15	N	Moisture	0.10	34.3	34.3	PERCENT	
D2216/NONE	SE	OA1701200917-19	N	Moisture	0.10	31.3	31.3	PERCENT	
D2216/NONE	SE	OA1701200921-23	N	Moisture	0.10	31.4	31.4	PERCENT	
D2216/NONE	SE	OA1701200925-27	N	Moisture	0.10	28.9	28.9	PERCENT	
D2216/NONE	SE	OA1701200929-31	N	Moisture	0.10	31.5	31.5	PERCENT	
D2216/NONE	SE	OA1701200933-35	N	Moisture	0.10	30.5	30.5	PERCENT	
D2216/NONE	SE	OA1701200937-39	N	Moisture	0.10	30.2	30.2	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1701200901	N	Total Organic Carbon	0.10	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA1701200903	N	Total Organic Carbon	0.075	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1701200905	N	Total Organic Carbon	0.075	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA1701200907	N	Total Organic Carbon	0.080	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA1701200909-11	N	Total Organic Carbon	0.085	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA1701200913-15	N	Total Organic Carbon	0.076	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA1701200917-19	N	Total Organic Carbon	0.073	1.1	1.1	PERCENT	
SW9060/NONE	SE	OA1701200921-23	N	Total Organic Carbon	0.073	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1701200925-27	N	Total Organic Carbon	0.070	1.0	1.0	PERCENT	
SW9060/NONE	SE	OA1701200929-31	N	Total Organic Carbon	0.073	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1701200933-35	N	Total Organic Carbon	0.072	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1701200937-39	N	Total Organic Carbon	0.072	1.1	1.1	PERCENT	

AUTOMATED DATA REVIEW SUMMARY for 09111619

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1701200925-27	N	o,p'-DDT	7.0	7.0 U	R	ug/kg	M
BNASIM/NONE	SE	OA1701200925-27	N	p,p'-DDT	7.0	7.0 U	R	ug/kg	MD2

ADR CASE NARRATIVE

Laboratory ID: SDG 09111733

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

There were no data verification findings associated with this sample delivery group that require discussion beyond that summarized in the attached reports.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111733

Facility: EPA, Region 9

Event: PV Shelf - Sediment

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111733, Certified - 2/2/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Leticia Sangalang

Data Reviewer Title: Senior Scientist

Date of Review Report: 10-Feb-2010

Samples Included in SDG 09111733

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	16	0
D2216/NONE	16	0
PCBSIM/NONE	16	0
SW9060/NONE	16	0

AUTOMATED DATA REVIEW SUMMARY for 09111733

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111733. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Prep Hold Time

MS Recovery

Blank

BS RPD

LCS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Negative Blank

Calibration Blank - Negative

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Confirmation Column Difference

Field Blank

Calibration Blank

Equip Blank

AUTOMATED DATA REVIEW SUMMARY for 09111733

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.51% (4 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

AUTOMATED DATA REVIEW SUMMARY for 09111733

Leticia Sangalang

10-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111733

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130S12	091130L12	NA	OA18	SE	OA1801200901	091117331		11/19/2009 12:00	12/15/2009 4:56	N
	091130L12	NA	OA18	SE	OA1801200901	091117331		11/19/2009 12:00	12/15/2009 4:56	N
	091130L12	NA	OA18	SE	OA1801200903	091117332		11/19/2009 12:00	12/15/2009 5:20	N
	091130L12	NA	OA18	SE	OA1801200903	091117332		11/19/2009 12:00	12/15/2009 5:20	N
091130L12	091130L12	NA	LABQC	SQ	LABQC	0991301320		11/30/2009 12:00	12/15/2009 11:19	LB
	091130L12	NA	LABQC	SQ	LABQC	0991301320		11/30/2009 12:00	12/15/2009 11:43	BS
	091130L12	NA	LABQC	SQ	LABQC	0991301320		11/30/2009 12:00	12/15/2009 12:06	BD
091130S12	091130L12	NA	OA18	SE	OA1801200905	091117333		11/19/2009 12:00	12/15/2009 3:38	N
	091130L12	NA	OA18	SE	OA1801200905	091117333		11/19/2009 12:00	12/15/2009 3:38	N
	091130L12	NA	OA18	SE	OA1801200907	091117334		11/19/2009 12:00	12/15/2009 4:01	N
	091130L12	NA	OA18	SE	OA1801200907	091117334		11/19/2009 12:00	12/15/2009 4:01	N
	091130L12	NA	OA18	SE	OA1801200953	0911173327		11/19/2009 12:00	12/15/2009 4:25	N
	091130L12	NA	OA18	SE	OA1801200953	0911173327		11/19/2009 12:00	12/15/2009 4:25	N
	091130L12	NA	OA18	SE	OA1801200909-11	0911173328		11/19/2009 12:00	12/15/2009 4:48	N
	091130L12	NA	OA18	SE	OA1801200909-11	0911173328		11/19/2009 12:00	12/15/2009 4:48	N
	091130L12	NA	OA18	SE	OA1801200913-15	0911173329		11/19/2009 12:00	12/15/2009 5:12	N
	091130L12	NA	OA18	SE	OA1801200913-15	0911173329		11/19/2009 12:00	12/15/2009 5:12	N
091130L12	091130L12	NA	OA18	SE	OA1801200913-15	0911173329		11/19/2009 12:00	12/15/2009 6:20	N
091130S12	091130L12	NA	OA18	SE	OA1801200917-19	0911173330		11/19/2009 12:00	12/15/2009 7:31	N
	091130L12	NA	OA18	SE	OA1801200917-19	0911173330		11/19/2009 12:00	12/15/2009 7:31	N
	091130L12	NA	OA18	SE	OA1801200921-23	0911173331		11/19/2009 12:00	12/15/2009 7:54	N
	091130L12	NA	OA18	SE	OA1801200921-23	0911173331		11/19/2009 12:00	12/15/2009 7:54	N
	091130L12	NA	OA18	SE	OA1801200925-27	0911173332		11/19/2009 12:00	12/15/2009 8:17	N
	091130L12	NA	OA18	SE	OA1801200925-27	0911173332		11/19/2009 12:00	12/15/2009 8:17	N
	091130L12	NA	OA18	SE	OA1801200929-31	0911173333		11/19/2009 12:00	12/15/2009 8:41	N
	091130L12	NA	OA18	SE	OA1801200929-31	0911173333		11/19/2009 12:00	12/15/2009 8:41	N
	091130L12	NA	OA18	SE	OA1801200933-35	0911173334		11/19/2009 12:00	12/15/2009 9:04	N

AUTOMATED DATA REVIEW SUMMARY for 09111733

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130S12	091130L12	NA	OA18	SE	OA1801200933-35	0911173334		11/19/2009 12:00	12/15/2009 9:04	N
	091130L12	NA	OA18	SE	OA1801200937-39	0911173335		11/19/2009 12:00	12/15/2009 9:28	N
	091130L12	NA	OA18	SE	OA1801200937-39	0911173335		11/19/2009 12:00	12/15/2009 9:28	N
091130S12P	091130L12	NA	OA18	SE	OA1801200941-43	0911173336		11/19/2009 12:00	12/16/2009 11:43	N
	091130L12	NA	OA18	SE	OA1801200941-43	0911173336		11/19/2009 12:00	12/16/2009 11:43	N
091130S12	091130L12	NA	OA18	SE	OA1801200945-47	0911173337		11/19/2009 12:00	12/16/2009 12:06	N
	091130L12	NA	OA18	SE	OA1801200945-47	0911173337		11/19/2009 12:00	12/16/2009 12:06	N
	091130L12	NA	OA18	SE	OA1801200949-51	0911173338		11/19/2009 12:00	12/16/2009 12:30	N
	091130L12	NA	OA18	SE	OA1801200949-51	0911173338		11/19/2009 12:00	12/16/2009 12:30	N
	091130L12	NA	OA18	SE	OA1801200929-31	0911173333		11/19/2009 12:00	12/16/2009 12:53	MS
	091130L12	NA	OA18	SE	OA1801200929-31	0911173333		11/19/2009 12:00	12/16/2009 1:17	SD
	091130L12	NA	OA18	SE	OA1801200917-19	0911173330		11/19/2009 12:00	12/16/2009 2:27	N
	091130L12	NA	OA18	SE	OA1801200921-23	0911173331		11/19/2009 12:00	12/16/2009 2:51	N
	091130L12	NA	OA18	SE	OA1801200925-27	0911173332		11/19/2009 12:00	12/16/2009 3:14	N

AUTOMATED DATA REVIEW SUMMARY for 09111733

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123MOIB6	NA	NA	LABQC	SQ	LABQC	099050141593		11/23/2009 10:20	11/23/2009 10:20	LB
91123MOID6	NA	NA	OA18	SE	OA1801200925-27	0911173332		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200921-23	0911173331		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200917-19	0911173330		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200941-43	0911173336		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200937-39	0911173335		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200933-35	0911173334		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200929-31	0911173333		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200913-15	0911173329		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200909-11	0911173328		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200907	091117334		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200905	091117333		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200903	091117332		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200901	091117331		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200953	0911173327		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200949-51	0911173338		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200945-47	0911173337		11/19/2009 12:00	11/23/2009 10:20	N
	NA	NA	OA18	SE	OA1801200953	0911173327		11/19/2009 12:00	11/23/2009 10:20	LR

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130S15	091130L15	NA	OA18	SE	OA1801200901	091117331		11/19/2009 12:00	12/12/2009 8:05	N
	091130L15	NA	OA18	SE	OA1801200901	091117331		11/19/2009 12:00	12/12/2009 8:05	N
	091130L15	NA	OA18	SE	OA1801200905	091117333		11/19/2009 12:00	12/12/2009 9:05	N
	091130L15	NA	OA18	SE	OA1801200905	091117333		11/19/2009 12:00	12/12/2009 9:05	N
	091130L15	NA	OA18	SE	OA1801200907	091117334		11/19/2009 12:00	12/12/2009 9:34	N
	091130L15	NA	OA18	SE	OA1801200907	091117334		11/19/2009 12:00	12/12/2009 9:34	N

AUTOMATED DATA REVIEW SUMMARY for 09111733

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130S15	091130L15	NA	OA18	SE	OA1801200953	0911173327		11/19/2009 12:00	12/12/2009 10:04	N
	091130L15	NA	OA18	SE	OA1801200953	0911173327		11/19/2009 12:00	12/12/2009 10:04	N
	091130L15	NA	OA18	SE	OA1801200909-11	0911173328		11/19/2009 12:00	12/12/2009 10:33	N
	091130L15	NA	OA18	SE	OA1801200909-11	0911173328		11/19/2009 12:00	12/12/2009 10:33	N
	091130L15	NA	OA18	SE	OA1801200913-15	0911173329		11/19/2009 12:00	12/12/2009 11:03	N
	091130L15	NA	OA18	SE	OA1801200913-15	0911173329		11/19/2009 12:00	12/12/2009 11:03	N
	091130L15	NA	OA18	SE	OA1801200903	091117332		11/19/2009 12:00	12/13/2009 3:09	N
	091130L15	NA	OA18	SE	OA1801200903	091117332		11/19/2009 12:00	12/13/2009 3:09	N
	091130L15	NA	OA18	SE	OA1801200917-19	0911173330		11/19/2009 12:00	12/13/2009 3:39	N
	091130L15	NA	OA18	SE	OA1801200917-19	0911173330		11/19/2009 12:00	12/13/2009 3:39	N
	091130L15	NA	OA18	SE	OA1801200921-23	0911173331		11/19/2009 12:00	12/13/2009 4:08	N
	091130L15	NA	OA18	SE	OA1801200921-23	0911173331		11/19/2009 12:00	12/13/2009 4:08	N
	091130L15	NA	OA18	SE	OA1801200925-27	0911173332		11/19/2009 12:00	12/13/2009 4:37	N
	091130L15	NA	OA18	SE	OA1801200925-27	0911173332		11/19/2009 12:00	12/13/2009 4:37	N
	091130L15	NA	OA18	SE	OA1801200929-31	0911173333		11/19/2009 12:00	12/13/2009 8:37	N
	091130L15	NA	OA18	SE	OA1801200929-31	0911173333		11/19/2009 12:00	12/13/2009 8:37	N
	091130L15	NA	OA18	SE	OA1801200933-35	0911173334		11/19/2009 12:00	12/13/2009 9:07	N
	091130L15	NA	OA18	SE	OA1801200933-35	0911173334		11/19/2009 12:00	12/13/2009 9:07	N
	091130L15	NA	OA18	SE	OA1801200937-39	0911173335		11/19/2009 12:00	12/13/2009 9:36	N
	091130L15	NA	OA18	SE	OA1801200937-39	0911173335		11/19/2009 12:00	12/13/2009 9:36	N
	091130L15	NA	OA18	SE	OA1801200941-43	0911173336		11/19/2009 12:00	12/13/2009 10:05	N
	091130L15	NA	OA18	SE	OA1801200941-43	0911173336		11/19/2009 12:00	12/13/2009 10:05	N
	091130L15	NA	OA18	SE	OA1801200945-47	0911173337		11/19/2009 12:00	12/13/2009 10:34	N
	091130L15	NA	OA18	SE	OA1801200945-47	0911173337		11/19/2009 12:00	12/13/2009 10:34	N
	091130L15	NA	OA18	SE	OA1801200949-51	0911173338		11/19/2009 12:00	12/13/2009 11:04	N
	091130L15	NA	OA18	SE	OA1801200949-51	0911173338		11/19/2009 12:00	12/13/2009 11:04	N
	091130L15	NA	OA18	SE	OA1801200949-51	0911173338		11/19/2009 12:00	12/13/2009 11:33	MS
	091130L15	NA	OA18	SE	OA1801200949-51	0911173338		11/19/2009 12:00	12/14/2009 12:03	SD

AUTOMATED DATA REVIEW SUMMARY for 09111733

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130L15	091130L15	NA	LABQC	SQ	LABQC	0991301755		11/30/2009 12:00	12/14/2009 12:24	LB
	091130L15	NA	LABQC	SQ	LABQC	0991301755		11/30/2009 12:00	12/14/2009 12:54	BS
	091130L15	NA	LABQC	SQ	LABQC	0991301755		11/30/2009 12:00	12/14/2009 1:23	BD

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91207TOCL1	NA	NA	LABQC	SQ	LABQC	09906013430		12/07/2009 6:35	12/07/2009 6:35	BS
	NA	NA	LABQC	SQ	LABQC	09906013430		12/07/2009 6:35	12/07/2009 6:35	LB
91207TOCS1	NA	NA	OA18	SE	OA1801200901	091117331		11/19/2009 12:00	12/07/2009 6:35	MS
	NA	NA	OA18	SE	OA1801200903	091117332		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200901	091117331		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200901	091117331		11/19/2009 12:00	12/07/2009 6:35	SD
	NA	NA	OA18	SE	OA1801200913-15	0911173329		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200909-11	0911173328		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200907	091117334		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200905	091117333		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200941-43	0911173336		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200937-39	0911173335		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200933-35	0911173334		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200929-31	0911173333		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200925-27	0911173332		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200921-23	0911173331		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200917-19	0911173330		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200953	0911173327		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200949-51	0911173338		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA18	SE	OA1801200945-47	0911173337		11/19/2009 12:00	12/07/2009 6:35	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA1801200929-31 / SD	1	o,p'-DDD	158	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1801200929-31 / MS	1	o,p'-DDT	40.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1801200929-31 / MS	1	p,p'-DDD	158	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1801200929-31 / SD	1	p,p'-DDD	169	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1801200929-31 / MS	1	p,p'-DDT	45.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1801200929-31 / SD	1	p,p'-DDT	38.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1801200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.3	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.3	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200901	N	2,4,4'-TRICHLOROBIPHENYL	9.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,4,4'-TRICHLOROBIPHENYL	8.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	PCB-138/158	8.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,4,4'-TRICHLOROBIPHENYL	8.4	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	4.3 J	4.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1801200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.5	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	PCB-138/158	8.5	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,4,4'-TRICHLOROBIPHENYL	8.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	PCB-138/158	8.4	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	3.6 J	3.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1801200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',5-TRICHLOROBIPHENYL	9.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	2,4'-DICHLOROBIPHENYL	9.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.9	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.9	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.9	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.9	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.0	4.0 J	4.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1801200925-27	N	2,4,4'-TRICHLOROBIPHENYL	8.0	5.6 J	5.6 J	ug/kg	TR
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
BNASIM/NONE	SE	OA1801200913-15	N	o,p'-DDT	9.0	7.8 J	7.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200917-19	N	o,p'-DDT	10.0	10.0 J	10.0 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200917-19	N	p,p'-DDT	10.0	9.5 J	9.5 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200921-23	N	o,p'-DDT	9.9	9.9 J	9.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200921-23	N	p,p'-DDT	9.9	8.3 J	8.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200925-27	N	p,p'-DDT	8.0	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200929-31	N	o,p'-DDD	7.2	8.5	8.5 J	ug/kg	M
BNASIM/NONE	SE	OA1801200929-31	N	p,p'-DDD	7.2	28.0	28.0 J	ug/kg	M
BNASIM/NONE	SE	OA1801200929-31	N	o,p'-DDT	7.2	7.2 U	7.2 UJ	ug/kg	M
BNASIM/NONE	SE	OA1801200929-31	N	p,p'-DDT	7.2	7.2 U	7.2 UJ	ug/kg	M
BNASIM/NONE	SE	OA1801200933-35	N	o,p'-DDD	7.2	5.8 J	5.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200937-39	N	o,p'-DDD	7.1	3.6 J	3.6 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200945-47	N	p,p'-DDD	6.8	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200945-47	N	o,p'-DDE	6.8	3.4 J	3.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200949-51	N	p,p'-DDE	7.1	4.7 J	4.7 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200953	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	3.3 J	3.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1801200901	N	o,p'-DDD	9.3	9.9	9.9	ug/kg	
BNASIM/NONE	SE	OA1801200901	N	p,p'-DDD	9.3	35.0	35.0	ug/kg	
BNASIM/NONE	SE	OA1801200901	N	o,p'-DDE	9.3	74.0	74.0	ug/kg	
BNASIM/NONE	SE	OA1801200901	N	p,p'-DDE	9.3	460	460	ug/kg	
BNASIM/NONE	SE	OA1801200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.3	140	140	ug/kg	
BNASIM/NONE	SE	OA1801200901	N	1,1-bis(p-chlorophenyl)ethane	9.3	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1801200903	N	o,p'-DDD	8.9	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA1801200903	N	p,p'-DDD	8.9	110	110	ug/kg	
BNASIM/NONE	SE	OA1801200903	N	o,p'-DDE	8.9	80.0	80.0	ug/kg	
BNASIM/NONE	SE	OA1801200903	N	p,p'-DDE	8.9	510	510	ug/kg	
BNASIM/NONE	SE	OA1801200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	150	150	ug/kg	
BNASIM/NONE	SE	OA1801200903	N	1,1-bis(p-chlorophenyl)ethane	8.9	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA1801200905	N	o,p'-DDD	8.4	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA1801200905	N	p,p'-DDD	8.4	54.0	54.0	ug/kg	
BNASIM/NONE	SE	OA1801200905	N	o,p'-DDE	8.4	78.0	78.0	ug/kg	
BNASIM/NONE	SE	OA1801200905	N	p,p'-DDE	8.4	480	480	ug/kg	
BNASIM/NONE	SE	OA1801200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	150	150	ug/kg	
BNASIM/NONE	SE	OA1801200905	N	1,1-bis(p-chlorophenyl)ethane	8.4	29.0	29.0	ug/kg	
BNASIM/NONE	SE	OA1801200907	N	o,p'-DDD	8.5	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA1801200907	N	p,p'-DDD	8.5	120	120	ug/kg	
BNASIM/NONE	SE	OA1801200907	N	o,p'-DDE	8.5	100	100	ug/kg	
BNASIM/NONE	SE	OA1801200907	N	p,p'-DDE	8.5	630	630	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1801200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.5	200	200	ug/kg	
BNASIM/NONE	SE	OA1801200907	N	1,1-bis(p-chlorophenyl)ethane	8.5	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA1801200909-11	N	o,p'-DDD	8.4	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA1801200909-11	N	p,p'-DDD	8.4	50.0	50.0	ug/kg	
BNASIM/NONE	SE	OA1801200909-11	N	o,p'-DDE	8.4	97.0	97.0	ug/kg	
BNASIM/NONE	SE	OA1801200909-11	N	p,p'-DDE	8.4	540	540	ug/kg	
BNASIM/NONE	SE	OA1801200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	230	230	ug/kg	
BNASIM/NONE	SE	OA1801200909-11	N	1,1-bis(p-chlorophenyl)ethane	8.4	43.0	43.0	ug/kg	
BNASIM/NONE	SE	OA1801200913-15	N	o,p'-DDD	9.0	52.0	52.0	ug/kg	
BNASIM/NONE	SE	OA1801200913-15	N	p,p'-DDD	9.0	200	200	ug/kg	
BNASIM/NONE	SE	OA1801200913-15	N	o,p'-DDE	9.0	320	320	ug/kg	
BNASIM/NONE	SE	OA1801200913-15	N	p,p'-DDE	45.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA1801200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	45.0	840 D	840	ug/kg	
BNASIM/NONE	SE	OA1801200913-15	N	1,1-bis(p-chlorophenyl)ethane	9.0	200	200	ug/kg	
BNASIM/NONE	SE	OA1801200913-15	N	o,p'-DDT	9.0	7.8 J	7.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200917-19	N	o,p'-DDD	10.0	100	100	ug/kg	
BNASIM/NONE	SE	OA1801200917-19	N	p,p'-DDD	10.0	340	340	ug/kg	
BNASIM/NONE	SE	OA1801200917-19	N	o,p'-DDE	10.0	630	630	ug/kg	
BNASIM/NONE	SE	OA1801200917-19	N	p,p'-DDE	100	2200 D	2200	ug/kg	
BNASIM/NONE	SE	OA1801200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	100	2600 D	2600	ug/kg	
BNASIM/NONE	SE	OA1801200917-19	N	1,1-bis(p-chlorophenyl)ethane	10.0	350	350	ug/kg	
BNASIM/NONE	SE	OA1801200917-19	N	o,p'-DDT	10.0	10.0 J	10.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1801200917-19	N	p,p'-DDT	10.0	9.5 J	9.5 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200921-23	N	o,p'-DDD	9.9	140	140	ug/kg	
BNASIM/NONE	SE	OA1801200921-23	N	p,p'-DDD	9.9	490	490	ug/kg	
BNASIM/NONE	SE	OA1801200921-23	N	o,p'-DDE	9.9	940	940	ug/kg	
BNASIM/NONE	SE	OA1801200921-23	N	p,p'-DDE	99.0	3300 D	3300	ug/kg	
BNASIM/NONE	SE	OA1801200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	99.0	4100 D	4100	ug/kg	
BNASIM/NONE	SE	OA1801200921-23	N	1,1-bis(p-chlorophenyl)ethane	9.9	540	540	ug/kg	
BNASIM/NONE	SE	OA1801200921-23	N	o,p'-DDT	9.9	9.9 J	9.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200921-23	N	p,p'-DDT	9.9	8.3 J	8.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200925-27	N	o,p'-DDD	8.0	62.0	62.0	ug/kg	
BNASIM/NONE	SE	OA1801200925-27	N	p,p'-DDD	8.0	310	310	ug/kg	
BNASIM/NONE	SE	OA1801200925-27	N	o,p'-DDE	8.0	240	240	ug/kg	
BNASIM/NONE	SE	OA1801200925-27	N	p,p'-DDE	40.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA1801200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.0	690	690	ug/kg	
BNASIM/NONE	SE	OA1801200925-27	N	1,1-bis(p-chlorophenyl)ethane	8.0	180	180	ug/kg	
BNASIM/NONE	SE	OA1801200925-27	N	p,p'-DDT	8.0	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200929-31	N	o,p'-DDD	7.2	8.5	8.5 J	ug/kg	M
BNASIM/NONE	SE	OA1801200929-31	N	p,p'-DDD	7.2	28.0	28.0 J	ug/kg	M
BNASIM/NONE	SE	OA1801200929-31	N	o,p'-DDE	7.2	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA1801200929-31	N	p,p'-DDE	7.2	81.0	81.0	ug/kg	
BNASIM/NONE	SE	OA1801200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	66.0	66.0	ug/kg	
BNASIM/NONE	SE	OA1801200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.2	25.0	25.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1801200933-35	N	o,p'-DDD	7.2	5.8 J	5.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200933-35	N	p,p'-DDD	7.2	38.0	38.0	ug/kg	
BNASIM/NONE	SE	OA1801200933-35	N	o,p'-DDE	7.2	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA1801200933-35	N	p,p'-DDE	7.2	110	110	ug/kg	
BNASIM/NONE	SE	OA1801200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	100	100	ug/kg	
BNASIM/NONE	SE	OA1801200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.2	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA1801200937-39	N	o,p'-DDD	7.1	3.6 J	3.6 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200937-39	N	p,p'-DDD	7.1	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA1801200937-39	N	o,p'-DDE	7.1	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA1801200937-39	N	p,p'-DDE	7.1	94.0	94.0	ug/kg	
BNASIM/NONE	SE	OA1801200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	88.0	88.0	ug/kg	
BNASIM/NONE	SE	OA1801200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.1	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA1801200945-47	N	p,p'-DDD	6.8	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200945-47	N	o,p'-DDE	6.8	3.4 J	3.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200945-47	N	p,p'-DDE	6.8	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA1801200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	7.0	7.0	ug/kg	
BNASIM/NONE	SE	OA1801200949-51	N	p,p'-DDE	7.1	4.7 J	4.7 J	ug/kg	TR
BNASIM/NONE	SE	OA1801200953	N	p,p'-DDE	7.1	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA1801200953	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	3.3 J	3.3 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1801200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.3	4.8 J	4.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1801200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.3	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200901	N	2,4,4'-TRICHLOROBIPHENYL	9.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200903	N	2,4,4'-TRICHLOROBIPHENYL	8.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	PCB-138/158	8.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200905	N	2,4,4'-TRICHLOROBIPHENYL	8.4	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	6.5 J	6.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1801200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.5	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	PCB-138/158	8.5	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200907	N	2,4,4'-TRICHLOROBIPHENYL	8.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	PCB-138/158	8.4	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	5.3 J	5.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1801200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	9.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA1801200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	PCB-138/158	9.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1801200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1801200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1801200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1801200913-15	N	2,2',5-TRICHLOROBIPHENYL	9.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200913-15	N	2,4,4'-TRICHLOROBIPHENYL	9.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1801200917-19	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA1801200917-19	N	PCB-138/158	10.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	33.0	33.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1801200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA1801200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1801200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200917-19	N	2,2',5-TRICHLOROBIPHENYL	10.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1801200917-19	N	2,4,4'-TRICHLOROBIPHENYL	10.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1801200921-23	N	2,4'-DICHLOROBIPHENYL	9.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1801200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.9	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1801200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.9	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.9	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.9	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1801200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	9.9	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA1801200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.9	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	PCB-138/158	9.9	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA1801200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.9	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.9	45.0	45.0	ug/kg	
PCBSIM/NONE	SE	OA1801200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.9	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1801200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.9	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1801200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.9	44.0	44.0	ug/kg	
PCBSIM/NONE	SE	OA1801200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.9	41.0	41.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1801200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.9	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200921-23	N	2,2',5-TRICHLOROBIPHENYL	9.9	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1801200921-23	N	2,4,4'-TRICHLOROBIPHENYL	9.9	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA1801200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	8.0	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	OA1801200925-27	N	PCB-138/158	8.0	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1801200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA1801200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA1801200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1801200925-27	N	2,4,4'-TRICHLOROBIPHENYL	8.0	5.6 J	5.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1801200901	N	Moisture	0.10	46.1	46.1	PERCENT	
D2216/NONE	SE	OA1801200903	N	Moisture	0.10	43.6	43.6	PERCENT	
D2216/NONE	SE	OA1801200905	N	Moisture	0.10	40.7	40.7	PERCENT	
D2216/NONE	SE	OA1801200907	N	Moisture	0.10	41.1	41.1	PERCENT	
D2216/NONE	SE	OA1801200909-11	N	Moisture	0.10	40.4	40.4	PERCENT	
D2216/NONE	SE	OA1801200913-15	N	Moisture	0.10	44.2	44.2	PERCENT	
D2216/NONE	SE	OA1801200917-19	N	Moisture	0.10	51.4	51.4	PERCENT	
D2216/NONE	SE	OA1801200921-23	N	Moisture	0.10	49.5	49.5	PERCENT	
D2216/NONE	SE	OA1801200925-27	N	Moisture	0.10	37.3	37.3	PERCENT	
D2216/NONE	SE	OA1801200929-31	N	Moisture	0.10	31.0	31.0	PERCENT	
D2216/NONE	SE	OA1801200933-35	N	Moisture	0.10	30.6	30.6	PERCENT	
D2216/NONE	SE	OA1801200937-39	N	Moisture	0.10	29.7	29.7	PERCENT	
D2216/NONE	SE	OA1801200941-43	N	Moisture	0.10	26.7	26.7	PERCENT	
D2216/NONE	SE	OA1801200945-47	N	Moisture	0.10	26.6	26.6	PERCENT	
D2216/NONE	SE	OA1801200949-51	N	Moisture	0.10	29.2	29.2	PERCENT	
D2216/NONE	SE	OA1801200953	N	Moisture	0.10	29.7	29.7	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1801200901	N	Total Organic Carbon	0.093	2.3	2.3	PERCENT	
SW9060/NONE	SE	OA1801200903	N	Total Organic Carbon	0.089	3.1	3.1	PERCENT	
SW9060/NONE	SE	OA1801200905	N	Total Organic Carbon	0.084	2.6	2.6	PERCENT	
SW9060/NONE	SE	OA1801200907	N	Total Organic Carbon	0.085	2.7	2.7	PERCENT	
SW9060/NONE	SE	OA1801200909-11	N	Total Organic Carbon	0.084	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA1801200913-15	N	Total Organic Carbon	0.090	3.6	3.6	PERCENT	
SW9060/NONE	SE	OA1801200917-19	N	Total Organic Carbon	0.10	4.4	4.4	PERCENT	
SW9060/NONE	SE	OA1801200921-23	N	Total Organic Carbon	0.099	4.0	4.0	PERCENT	
SW9060/NONE	SE	OA1801200925-27	N	Total Organic Carbon	0.080	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA1801200929-31	N	Total Organic Carbon	0.072	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA1801200933-35	N	Total Organic Carbon	0.072	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA1801200937-39	N	Total Organic Carbon	0.071	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA1801200941-43	N	Total Organic Carbon	0.068	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1801200945-47	N	Total Organic Carbon	0.068	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA1801200949-51	N	Total Organic Carbon	0.071	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA1801200953	N	Total Organic Carbon	0.071	2.5	2.5	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111734

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Report – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111734

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111734, Certified - 2/10/2010M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Leticia Sangalang
Data Reviewer Title:	Senior Scientist
Date of Review Report:	11-Feb-2010

Samples Included in SDG 09111734

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	12	0
D2216/NONE	12	0
PCBSIM/NONE	12	0
SW9060/NONE	12	0

AUTOMATED DATA REVIEW SUMMARY for 09111734

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111734. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111734

Confirmation Column Difference

Field Blank

Calibration Blank

Equip Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09111734

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.94% (6 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR case narrative.

AUTOMATED DATA REVIEW SUMMARY for 09111734

Leticia Sangalang

11-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111734

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130L14	091130L14	NA	LABQC	SQ	LABQC	0991301321		11/30/2009 12:00	12/16/2009 10:33	LB
	091130L14	NA	LABQC	SQ	LABQC	0991301321		11/30/2009 12:00	12/16/2009 10:56	BS
	091130L14	NA	LABQC	SQ	LABQC	0991301321		11/30/2009 12:00	12/16/2009 11:19	BD
091130S14	091130L14	NA	OA19	SE	OA1901200917-19	0911173423		11/19/2009 12:00	12/16/2009 6:13	MS
	091130L14	NA	OA19	SE	OA1901200917-19	0911173423		11/19/2009 12:00	12/16/2009 6:37	SD
	091130L14	NA	OA19	SE	OA1901200917-19	0911173423		11/19/2009 12:00	12/16/2009 7:00	N
	091130L14	NA	OA19	SE	OA1901200917-19	0911173423		11/19/2009 12:00	12/16/2009 7:00	N
	091130L14	NA	OA19	SE	OA1901200901	091117341		11/19/2009 12:00	12/16/2009 7:24	N
	091130L14	NA	OA19	SE	OA1901200901	091117341		11/19/2009 12:00	12/16/2009 7:24	N
	091130L14	NA	OA19	SE	OA1901200903	091117342		11/19/2009 12:00	12/16/2009 7:47	N
	091130L14	NA	OA19	SE	OA1901200903	091117342		11/19/2009 12:00	12/16/2009 7:47	N
	091130L14	NA	OA19	SE	OA1901200905	091117343		11/19/2009 12:00	12/16/2009 8:11	N
	091130L14	NA	OA19	SE	OA1901200905	091117343		11/19/2009 12:00	12/16/2009 8:11	N
	091130L14	NA	OA19	SE	OA1901200907	091117344		11/19/2009 12:00	12/16/2009 8:34	N
	091130L14	NA	OA19	SE	OA1901200907	091117344		11/19/2009 12:00	12/16/2009 8:34	N
	091130L14	NA	OA19	SE	OA1901200909-11	0911173421		11/19/2009 12:00	12/16/2009 8:58	N
	091130L14	NA	OA19	SE	OA1901200909-11	0911173421		11/19/2009 12:00	12/16/2009 8:58	N
	091130L14	NA	OA19	SE	OA1901200913-15	0911173422		11/19/2009 12:00	12/16/2009 9:21	N
	091130L14	NA	OA19	SE	OA1901200913-15	0911173422		11/19/2009 12:00	12/16/2009 9:21	N
	091130L14	NA	OA19	SE	OA1901200921-23	0911173424		11/19/2009 12:00	12/16/2009 9:45	N
	091130L14	NA	OA19	SE	OA1901200921-23	0911173424		11/19/2009 12:00	12/16/2009 9:45	N
	091130L14	NA	OA19	SE	OA1901200929-31	0911173426		11/19/2009 12:00	12/16/2009 10:32	N
	091130L14	NA	OA19	SE	OA1901200929-31	0911173426		11/19/2009 12:00	12/16/2009 10:32	N
	091130L14	NA	OA19	SE	OA1901200933-35	0911173427		11/19/2009 12:00	12/16/2009 10:55	N
	091130L14	NA	OA19	SE	OA1901200933-35	0911173427		11/19/2009 12:00	12/16/2009 10:55	N
	091130L14	NA	OA19	SE	OA1901200937-39	0911173428		11/19/2009 12:00	12/16/2009 11:19	N
	091130L14	NA	OA19	SE	OA1901200937-39	0911173428		11/19/2009 12:00	12/16/2009 11:19	N

AUTOMATED DATA REVIEW SUMMARY for 09111734

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130S14	091130L14	NA	OA19	SE	OA1901200925-27	0911173425		11/19/2009 12:00	12/17/2009 11:57	N
	091130L14	NA	OA19	SE	OA1901200925-27	0911173425		11/19/2009 12:00	12/17/2009 11:57	N
	091130L14	NA	OA19	SE	OA1901200901	091117341		11/19/2009 12:00	12/17/2009 12:20	N
	091130L14	NA	OA19	SE	OA1901200903	091117342		11/19/2009 12:00	12/17/2009 12:44	N
	091130L14	NA	OA19	SE	OA1901200905	091117343		11/19/2009 12:00	12/17/2009 1:08	N
	091130L14	NA	OA19	SE	OA1901200907	091117344		11/19/2009 12:00	12/17/2009 1:31	N
	091130L14	NA	OA19	SE	OA1901200909-11	0911173421		11/19/2009 12:00	12/17/2009 1:55	N
	091130L14	NA	OA19	SE	OA1901200913-15	0911173422		11/19/2009 12:00	12/17/2009 2:18	N

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123MOID7	NA	NA	OA19	SE	OA1901200909-11	0911173421		11/19/2009 12:00	11/23/2009 12:05	LR
	NA	NA	OA19	SE	OA1901200913-15	0911173422		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA19	SE	OA1901200921-23	0911173424		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA19	SE	OA1901200917-19	0911173423		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA19	SE	OA1901200925-27	0911173425		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA19	SE	OA1901200929-31	0911173426		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA19	SE	OA1901200937-39	0911173428		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA19	SE	OA1901200933-35	0911173427		11/19/2009 12:00	11/23/2009 12:05	N
91123MOIB7	NA	NA	LABQC	SQ	LABQC	099050141594		11/23/2009 12:05	11/23/2009 12:05	LB
91123MOID7	NA	NA	OA19	SE	OA1901200905	091117343		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA19	SE	OA1901200909-11	0911173421		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA19	SE	OA1901200907	091117344		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA19	SE	OA1901200903	091117342		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA19	SE	OA1901200901	091117341		11/19/2009 12:00	11/23/2009 12:05	N

AUTOMATED DATA REVIEW SUMMARY for 09111734

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130S17	091130L17	NA	OA19	SE	OA1901200901	091117341		11/19/2009 12:00	12/14/2009 12:32	N
	091130L17	NA	OA19	SE	OA1901200901	091117341		11/19/2009 12:00	12/14/2009 12:32	N
	091130L17	NA	OA19	SE	OA1901200903	091117342		11/19/2009 12:00	12/14/2009 1:02	N
	091130L17	NA	OA19	SE	OA1901200903	091117342		11/19/2009 12:00	12/14/2009 1:02	N
	091130L17	NA	OA19	SE	OA1901200905	091117343		11/19/2009 12:00	12/14/2009 1:31	N
	091130L17	NA	OA19	SE	OA1901200905	091117343		11/19/2009 12:00	12/14/2009 1:31	N
	091130L17	NA	OA19	SE	OA1901200907	091117344		11/19/2009 12:00	12/14/2009 2:01	N
	091130L17	NA	OA19	SE	OA1901200907	091117344		11/19/2009 12:00	12/14/2009 2:01	N
	091130L17	NA	OA19	SE	OA1901200925-27	0911173425		11/19/2009 12:00	12/14/2009 1:54	MS
	091130L17	NA	OA19	SE	OA1901200925-27	0911173425		11/19/2009 12:00	12/14/2009 2:24	SD
	091130L17	NA	OA19	SE	OA1901200925-27	0911173425		11/19/2009 12:00	12/14/2009 2:53	N
	091130L17	NA	OA19	SE	OA1901200925-27	0911173425		11/19/2009 12:00	12/14/2009 2:53	N
	091130L17	NA	OA19	SE	OA1901200909-11	0911173421		11/19/2009 12:00	12/14/2009 3:23	N
	091130L17	NA	OA19	SE	OA1901200909-11	0911173421		11/19/2009 12:00	12/14/2009 3:23	N
	091130L17	NA	OA19	SE	OA1901200913-15	0911173422		11/19/2009 12:00	12/14/2009 3:53	N
	091130L17	NA	OA19	SE	OA1901200913-15	0911173422		11/19/2009 12:00	12/14/2009 3:53	N
	091130L17	NA	OA19	SE	OA1901200917-19	0911173423		11/19/2009 12:00	12/14/2009 4:23	N
	091130L17	NA	OA19	SE	OA1901200917-19	0911173423		11/19/2009 12:00	12/14/2009 4:23	N
091130L17	091130L17	NA	LABQC	SQ	LABQC	0991301754		11/30/2009 12:00	12/14/2009 5:34	LB
	091130L17	NA	LABQC	SQ	LABQC	0991301754		11/30/2009 12:00	12/14/2009 6:04	BS
	091130L17	NA	LABQC	SQ	LABQC	0991301754		11/30/2009 12:00	12/14/2009 6:33	BD
091130S17	091130L17	NA	OA19	SE	OA1901200921-23	0911173424		11/19/2009 12:00	12/14/2009 7:03	N
	091130L17	NA	OA19	SE	OA1901200921-23	0911173424		11/19/2009 12:00	12/14/2009 7:03	N
	091130L17	NA	OA19	SE	OA1901200929-31	0911173426		11/19/2009 12:00	12/14/2009 7:32	N
	091130L17	NA	OA19	SE	OA1901200929-31	0911173426		11/19/2009 12:00	12/14/2009 7:32	N
	091130L17	NA	OA19	SE	OA1901200933-35	0911173427		11/19/2009 12:00	12/14/2009 8:02	N
	091130L17	NA	OA19	SE	OA1901200933-35	0911173427		11/19/2009 12:00	12/14/2009 8:02	N
	091130L17	NA	OA19	SE	OA1901200937-39	0911173428		11/19/2009 12:00	12/14/2009 8:32	N

AUTOMATED DATA REVIEW SUMMARY for 09111734

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130S17	091130L17	NA	OA19	SE	OA1901200937-39	0911173428		11/19/2009 12:00	12/14/2009 8:32	N

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91207TOCL1	NA	NA	LABQC	SQ	LABQC	09906013430		12/07/2009 6:35	12/07/2009 6:35	BS
	NA	NA	LABQC	SQ	LABQC	09906013430		12/07/2009 6:35	12/07/2009 6:35	LB
91207TOCS1	NA	NA	OA19	SE	OA1901200903	091117342		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA19	SE	OA1901200901	091117341		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA19	SE	OA1901200907	091117344		11/19/2009 12:00	12/07/2009 6:35	N
	NA	NA	OA19	SE	OA1901200905	091117343		11/19/2009 12:00	12/07/2009 6:35	N
91211TOCS1	NA	NA	OA19	SE	OA1901200909-11	0911173421		11/19/2009 12:00	12/11/2009 7:39	N
91211TOCL1	NA	NA	LABQC	SQ	LABQC	09906013431		12/11/2009 7:39	12/11/2009 7:39	BD
	NA	NA	LABQC	SQ	LABQC	09906013431		12/11/2009 7:39	12/11/2009 7:39	BS
	NA	NA	LABQC	SQ	LABQC	09906013431		12/11/2009 7:39	12/11/2009 7:39	LB
91211TOCS1	NA	NA	OA19	SE	OA1901200937-39	0911173428		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA19	SE	OA1901200933-35	0911173427		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA19	SE	OA1901200929-31	0911173426		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA19	SE	OA1901200925-27	0911173425		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA19	SE	OA1901200921-23	0911173424		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA19	SE	OA1901200917-19	0911173423		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA19	SE	OA1901200913-15	0911173422		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA19	SE	OA1901200909-11	0911173421		11/19/2009 12:00	12/11/2009 7:39	MS
	NA	NA	OA19	SE	OA1901200909-11	0911173421		11/19/2009 12:00	12/11/2009 7:39	SD

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA1901200917-19 / SD	1	o,p'-DDD	136	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1901200917-19 / MS	1	o,p'-DDT	129	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1901200917-19 / SD	1	p,p'-DDD	146	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA1901200917-19 / MS	1	p,p'-DDT	157	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA1901200917-19 / SD	1	o,p'-DDT	67.4	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA1901200917-19 / SD	1	p,p'-DDE	36.1	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA1901200917-19 / SD	1	p,p'-DDT	67.2	RPD	J/UJ	< 30	< 60	D2	C2
SW9060 / NONE	MS Recovery	OA1901200909-11 / MS	1	Total Organic Carbon	137	PERCENT	J/None	75 - 125	50 - 135	M	C2
SW9060 / NONE	MS Recovery	OA1901200909-11 / SD	1	Total Organic Carbon	146	PERCENT	J/None	75 - 125	50 - 135	M	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1901200901	N	2,4'-DICHLOROBIPHENYL	8.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.6	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,3,4,4',5-Pentachlorobiphenyl	8.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.6	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.6	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	2,4'-DICHLOROBIPHENYL	8.7	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.7	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.7	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.7	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200905	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200905	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200907	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200907	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200907	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	6.9 J	6.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1901200907	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.9	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,4'-DICHLOROBIPHENYL	8.1	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.1	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.1	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.1	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	4.7 J	4.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1901200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	2.6 J	2.6 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1901200917-19	N	o,p'-DDD	7.1	21.0	21.0 J	ug/kg	M
BNASIM/NONE	SE	OA1901200917-19	N	p,p'-DDD	7.1	91.0	91.0 J	ug/kg	M
BNASIM/NONE	SE	OA1901200917-19	N	p,p'-DDE	7.1	530	530 J	ug/kg	D2
BNASIM/NONE	SE	OA1901200917-19	N	o,p'-DDT	7.1	7.1 U	7.1 UJ	ug/kg	D2
BNASIM/NONE	SE	OA1901200917-19	N	p,p'-DDT	7.1	11.0	11.0 J	ug/kg	MD2
BNASIM/NONE	SE	OA1901200925-27	N	o,p'-DDD	6.9	4.7 J	4.7 J	ug/kg	TR
BNASIM/NONE	SE	OA1901200929-31	N	o,p'-DDE	6.9	5.1 J	5.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1901200929-31	N	1,1-bis(p-chlorophenyl)ethane	6.9	3.1 J	3.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1901200937-39	N	o,p'-DDD	6.9	3.4 J	3.4 J	ug/kg	TR

AUTOMATED DATA REVIEW SUMMARY for 09111734

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1901200909-11	N	Total Organic Carbon	0.081	2.8	2.8 J	PERCENT	M

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1901200901	N	o,p'-DDD	8.6	200	200	ug/kg	
BNASIM/NONE	SE	OA1901200901	N	p,p'-DDD	8.6	620	620	ug/kg	
BNASIM/NONE	SE	OA1901200901	N	o,p'-DDE	86.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA1901200901	N	p,p'-DDE	86.0	4700 D	4700	ug/kg	
BNASIM/NONE	SE	OA1901200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	86.0	3800 D	3800	ug/kg	
BNASIM/NONE	SE	OA1901200901	N	1,1-bis(p-chlorophenyl)ethane	8.6	400	400	ug/kg	
BNASIM/NONE	SE	OA1901200901	N	o,p'-DDT	8.6	23.0	23.0	ug/kg	
BNASIM/NONE	SE	OA1901200901	N	p,p'-DDT	8.6	47.0	47.0	ug/kg	
BNASIM/NONE	SE	OA1901200903	N	o,p'-DDD	8.7	270	270	ug/kg	
BNASIM/NONE	SE	OA1901200903	N	p,p'-DDD	8.7	750	750	ug/kg	
BNASIM/NONE	SE	OA1901200903	N	o,p'-DDE	170	1500 D	1500	ug/kg	
BNASIM/NONE	SE	OA1901200903	N	p,p'-DDE	170	5700 D	5700	ug/kg	
BNASIM/NONE	SE	OA1901200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	170	6400 D	6400	ug/kg	
BNASIM/NONE	SE	OA1901200903	N	1,1-bis(p-chlorophenyl)ethane	8.7	620	620	ug/kg	
BNASIM/NONE	SE	OA1901200903	N	o,p'-DDT	8.7	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA1901200903	N	p,p'-DDT	8.7	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA1901200905	N	o,p'-DDD	9.0	360	360	ug/kg	
BNASIM/NONE	SE	OA1901200905	N	p,p'-DDD	180	940 D	940	ug/kg	
BNASIM/NONE	SE	OA1901200905	N	o,p'-DDE	180	2700 D	2700	ug/kg	
BNASIM/NONE	SE	OA1901200905	N	p,p'-DDE	180	12000 D	12000	ug/kg	
BNASIM/NONE	SE	OA1901200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	180	8500 D	8500	ug/kg	
BNASIM/NONE	SE	OA1901200905	N	1,1-bis(p-chlorophenyl)ethane	180	790 D	790	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1901200905	N	o,p'-DDT	9.0	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA1901200907	N	o,p'-DDD	8.9	290	290	ug/kg	
BNASIM/NONE	SE	OA1901200907	N	p,p'-DDD	8.9	880	880	ug/kg	
BNASIM/NONE	SE	OA1901200907	N	o,p'-DDE	440	2400 D	2400	ug/kg	
BNASIM/NONE	SE	OA1901200907	N	p,p'-DDE	440	13000 D	13000	ug/kg	
BNASIM/NONE	SE	OA1901200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	440	8500 D	8500	ug/kg	
BNASIM/NONE	SE	OA1901200907	N	1,1-bis(p-chlorophenyl)ethane	440	890 D	890	ug/kg	
BNASIM/NONE	SE	OA1901200907	N	o,p'-DDT	8.9	22.0	22.0	ug/kg	
BNASIM/NONE	SE	OA1901200907	N	p,p'-DDT	8.9	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA1901200909-11	N	o,p'-DDD	8.1	190	190	ug/kg	
BNASIM/NONE	SE	OA1901200909-11	N	p,p'-DDD	8.1	580	580	ug/kg	
BNASIM/NONE	SE	OA1901200909-11	N	o,p'-DDE	81.0	900 D	900	ug/kg	
BNASIM/NONE	SE	OA1901200909-11	N	p,p'-DDE	81.0	4200 D	4200	ug/kg	
BNASIM/NONE	SE	OA1901200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	81.0	3300 D	3300	ug/kg	
BNASIM/NONE	SE	OA1901200909-11	N	1,1-bis(p-chlorophenyl)ethane	8.1	570	570	ug/kg	
BNASIM/NONE	SE	OA1901200909-11	N	o,p'-DDT	8.1	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA1901200913-15	N	o,p'-DDD	7.3	35.0	35.0	ug/kg	
BNASIM/NONE	SE	OA1901200913-15	N	p,p'-DDD	7.3	94.0	94.0	ug/kg	
BNASIM/NONE	SE	OA1901200913-15	N	o,p'-DDE	7.3	210	210	ug/kg	
BNASIM/NONE	SE	OA1901200913-15	N	p,p'-DDE	37.0	870 D	870	ug/kg	
BNASIM/NONE	SE	OA1901200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	660	660	ug/kg	
BNASIM/NONE	SE	OA1901200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.3	120	120	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1901200917-19	N	o,p'-DDD	7.1	21.0	21.0 J	ug/kg	M
BNASIM/NONE	SE	OA1901200917-19	N	p,p'-DDD	7.1	91.0	91.0 J	ug/kg	M
BNASIM/NONE	SE	OA1901200917-19	N	o,p'-DDE	7.1	99.0	99.0	ug/kg	
BNASIM/NONE	SE	OA1901200917-19	N	p,p'-DDE	7.1	530	530 J	ug/kg	D2
BNASIM/NONE	SE	OA1901200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	280	280	ug/kg	
BNASIM/NONE	SE	OA1901200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.1	60.0	60.0	ug/kg	
BNASIM/NONE	SE	OA1901200917-19	N	p,p'-DDT	7.1	11.0	11.0 J	ug/kg	MD2
BNASIM/NONE	SE	OA1901200921-23	N	o,p'-DDD	7.0	9.4	9.4	ug/kg	
BNASIM/NONE	SE	OA1901200921-23	N	p,p'-DDD	7.0	31.0	31.0	ug/kg	
BNASIM/NONE	SE	OA1901200921-23	N	o,p'-DDE	7.0	57.0	57.0	ug/kg	
BNASIM/NONE	SE	OA1901200921-23	N	p,p'-DDE	7.0	270	270	ug/kg	
BNASIM/NONE	SE	OA1901200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	190	190	ug/kg	
BNASIM/NONE	SE	OA1901200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.0	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA1901200925-27	N	o,p'-DDD	6.9	4.7 J	4.7 J	ug/kg	TR
BNASIM/NONE	SE	OA1901200925-27	N	p,p'-DDD	6.9	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA1901200925-27	N	o,p'-DDE	6.9	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA1901200925-27	N	p,p'-DDE	6.9	120	120	ug/kg	
BNASIM/NONE	SE	OA1901200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	85.0	85.0	ug/kg	
BNASIM/NONE	SE	OA1901200925-27	N	1,1-bis(p-chlorophenyl)ethane	6.9	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA1901200925-27	N	o,p'-DDT	6.9	7.1	7.1	ug/kg	
BNASIM/NONE	SE	OA1901200925-27	N	p,p'-DDT	6.9	7.2	7.2	ug/kg	
BNASIM/NONE	SE	OA1901200929-31	N	o,p'-DDE	6.9	5.1 J	5.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1901200929-31	N	p,p'-DDE	6.9	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA1901200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA1901200929-31	N	1,1-bis(p-chlorophenyl)ethane	6.9	3.1 J	3.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1901200933-35	N	o,p'-DDE	6.8	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA1901200933-35	N	p,p'-DDE	6.8	65.0	65.0	ug/kg	
BNASIM/NONE	SE	OA1901200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	60.0	60.0	ug/kg	
BNASIM/NONE	SE	OA1901200933-35	N	1,1-bis(p-chlorophenyl)ethane	6.8	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA1901200937-39	N	o,p'-DDD	6.9	3.4 J	3.4 J	ug/kg	TR
BNASIM/NONE	SE	OA1901200937-39	N	p,p'-DDD	6.9	20.0	20.0	ug/kg	
BNASIM/NONE	SE	OA1901200937-39	N	o,p'-DDE	6.9	29.0	29.0	ug/kg	
BNASIM/NONE	SE	OA1901200937-39	N	p,p'-DDE	6.9	150	150	ug/kg	
BNASIM/NONE	SE	OA1901200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	83.0	83.0	ug/kg	
BNASIM/NONE	SE	OA1901200937-39	N	1,1-bis(p-chlorophenyl)ethane	6.9	17.0	17.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1901200901	N	2,4'-DICHLOROBIPHENYL	8.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.6	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.6	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.6	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.6	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	67.0	67.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1901200901	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,3,4,4',5-Pentachlorobiphenyl	8.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,3',4,4',5-Pentachlorobiphenyl	8.6	72.0	72.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	PCB-138/158	8.6	67.0	67.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.6	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.6	66.0	66.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.6	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.6	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.6	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.6	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.6	61.0	61.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.6	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200901	N	2,2',5-TRICHLOROBIPHENYL	8.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1901200901	N	2,4,4'-TRICHLOROBIPHENYL	8.6	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,4'-DICHLOROBIPHENYL	8.7	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.7	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	22.0	22.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1901200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.7	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.7	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.7	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.7	110	110	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.7	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.7	110	110	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.7	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	PCB-138/158	8.7	110	110	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.7	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.7	120	120	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.7	57.0	57.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.7	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.7	72.0	72.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.7	77.0	77.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.7	98.0	98.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.7	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,2',5-TRICHLOROBIPHENYL	8.7	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA1901200903	N	2,4,4'-TRICHLOROBIPHENYL	8.7	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,4'-DICHLOROBIPHENYL	9.0	10.0	10.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1901200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.0	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	68.0	68.0	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	45.0	45.0	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	160	160	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200905	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200905	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.0	9.0 J	9.0	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,3',4,4',5-Pentachlorobiphenyl	9.0	170	170	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.0	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	PCB-138/158	9.0	160	160	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.0	170	170	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	97.0	97.0	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	110	110	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	130	130	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	140	140	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.0	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA1901200905	N	2,2',5-TRICHLOROBIPHENYL	9.0	36.0	36.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1901200905	N	2,4,4'-TRICHLOROBIPHENYL	9.0	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,4'-DICHLOROBIPHENYL	8.9	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	59.0	59.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	120	120	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200907	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200907	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.9	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200907	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	130	130	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.9	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	PCB-138/158	8.9	130	130	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.9	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.9	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	130	130	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	67.0	67.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.9	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	79.0	79.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	92.0	92.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1901200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	110	110	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.9	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,2',5-TRICHLOROBIPHENYL	8.9	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	OA1901200907	N	2,4,4'-TRICHLOROBIPHENYL	8.9	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2,4'-DICHLOROBIPHENYL	8.1	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.1	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.1	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.1	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	PCB-138/158	8.1	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	45.0	45.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	22.0	22.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1901200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.1	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.1	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA1901200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.1	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA1901200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	8.0	8.0	ug/kg	
PCBSIM/NONE	SE	OA1901200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	7.9	7.9	ug/kg	
PCBSIM/NONE	SE	OA1901200913-15	N	PCB-138/158	7.3	8.3	8.3	ug/kg	
PCBSIM/NONE	SE	OA1901200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	7.9	7.9	ug/kg	
PCBSIM/NONE	SE	OA1901200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	OA1901200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	4.7 J	4.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1901200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1901200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	2.6 J	2.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA1901200901	N	Moisture	0.10	42.1	42.1	PERCENT	
D2216/NONE	SE	OA1901200903	N	Moisture	0.10	42.3	42.3	PERCENT	
D2216/NONE	SE	OA1901200905	N	Moisture	0.10	44.7	44.7	PERCENT	
D2216/NONE	SE	OA1901200907	N	Moisture	0.10	43.8	43.8	PERCENT	
D2216/NONE	SE	OA1901200909-11	N	Moisture	0.10	38.6	38.6	PERCENT	
D2216/NONE	SE	OA1901200913-15	N	Moisture	0.10	31.7	31.7	PERCENT	
D2216/NONE	SE	OA1901200917-19	N	Moisture	0.10	29.9	29.9	PERCENT	
D2216/NONE	SE	OA1901200921-23	N	Moisture	0.10	28.8	28.8	PERCENT	
D2216/NONE	SE	OA1901200925-27	N	Moisture	0.10	27.6	27.6	PERCENT	
D2216/NONE	SE	OA1901200929-31	N	Moisture	0.10	27.1	27.1	PERCENT	
D2216/NONE	SE	OA1901200933-35	N	Moisture	0.10	27.0	27.0	PERCENT	
D2216/NONE	SE	OA1901200937-39	N	Moisture	0.10	27.1	27.1	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA1901200901	N	Total Organic Carbon	0.086	3.4	3.4	PERCENT	
SW9060/NONE	SE	OA1901200903	N	Total Organic Carbon	0.087	3.4	3.4	PERCENT	
SW9060/NONE	SE	OA1901200905	N	Total Organic Carbon	0.090	3.7	3.7	PERCENT	
SW9060/NONE	SE	OA1901200907	N	Total Organic Carbon	0.089	4.2	4.2	PERCENT	
SW9060/NONE	SE	OA1901200909-11	N	Total Organic Carbon	0.081	2.8	2.8 J	PERCENT	M
SW9060/NONE	SE	OA1901200913-15	N	Total Organic Carbon	0.073	2.1	2.1	PERCENT	
SW9060/NONE	SE	OA1901200917-19	N	Total Organic Carbon	0.071	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA1901200921-23	N	Total Organic Carbon	0.070	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA1901200925-27	N	Total Organic Carbon	0.069	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA1901200929-31	N	Total Organic Carbon	0.069	2.1	2.1	PERCENT	
SW9060/NONE	SE	OA1901200933-35	N	Total Organic Carbon	0.068	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA1901200937-39	N	Total Organic Carbon	0.069	2.3	2.3	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111735

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Report – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Total Organic Carbon by SW9060**
   A matrix spike (MS) and laboratory duplicate (LR) were not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111735

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111735, Certified - 2/10/2010M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Leticia Sangalang
Data Reviewer Title:	Senior Scientist
Date of Review Report:	11-Feb-2010

Samples Included in SDG 09111735

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	14	0
D2216/NONE	14	0
PCBSIM/NONE	14	0
SW9060/NONE	14	0

AUTOMATED DATA REVIEW SUMMARY for 09111735

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111735. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Blank

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111735

Calibration Blank - Negative

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank

Equip Blank

Confirmation Column Difference

Field Blank

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09111735

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.62% (5 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR case narrative.

Leticia Sangalang

11-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111735

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130L12	091130L12	NA	LABQC	SQ	LABQC	0991301320		11/30/2009 12:00	12/15/2009 11:19	LB
	091130L12	NA	LABQC	SQ	LABQC	0991301320		11/30/2009 12:00	12/15/2009 11:43	BS
	091130L12	NA	LABQC	SQ	LABQC	0991301320		11/30/2009 12:00	12/15/2009 12:06	BD
091130L13	091130L13	NA	LABQC	SQ	LABQC	0991301322		11/30/2009 12:00	12/16/2009 5:03	LB
	091130L13	NA	LABQC	SQ	LABQC	0991301322		11/30/2009 12:00	12/16/2009 5:27	BS
	091130L13	NA	LABQC	SQ	LABQC	0991301322		11/30/2009 12:00	12/16/2009 5:50	BD
091130S13	091130L13	NA	OA20	SE	OA2001200941-43	0911173533		11/19/2009 12:00	12/17/2009 6:57	MS
	091130L13	NA	OA20	SE	OA2001200941-43	0911173533		11/19/2009 12:00	12/17/2009 7:21	SD
	091130L13	NA	OA20	SE	OA2001200941-43	0911173533		11/19/2009 12:00	12/17/2009 7:44	N
	091130L13	NA	OA20	SE	OA2001200941-43	0911173533		11/19/2009 12:00	12/17/2009 7:44	N
091130S12	091130L12	NA	OA20	SE	OA2001200903	091117352		11/19/2009 12:00	12/17/2009 8:08	N
	091130L12	NA	OA20	SE	OA2001200903	091117352		11/19/2009 12:00	12/17/2009 8:08	N
	091130L12	NA	OA20	SE	OA2001200905	091117353		11/19/2009 12:00	12/17/2009 8:31	N
	091130L12	NA	OA20	SE	OA2001200905	091117353		11/19/2009 12:00	12/17/2009 8:31	N
	091130L12	NA	OA20	SE	OA2001200907	091117354		11/19/2009 12:00	12/17/2009 8:55	N
	091130L12	NA	OA20	SE	OA2001200907	091117354		11/19/2009 12:00	12/17/2009 8:55	N
091130S13	091130L13	NA	OA20	SE	OA2001200909-11	0911173525		11/19/2009 12:00	12/17/2009 9:18	N
	091130L13	NA	OA20	SE	OA2001200909-11	0911173525		11/19/2009 12:00	12/17/2009 9:18	N
	091130L13	NA	OA20	SE	OA2001200913-15	0911173526		11/19/2009 12:00	12/17/2009 9:42	N
	091130L13	NA	OA20	SE	OA2001200913-15	0911173526		11/19/2009 12:00	12/17/2009 9:42	N
	091130L13	NA	OA20	SE	OA2001200917-19	0911173527		11/19/2009 12:00	12/17/2009 10:05	N
	091130L13	NA	OA20	SE	OA2001200917-19	0911173527		11/19/2009 12:00	12/17/2009 10:05	N
	091130L13	NA	OA20	SE	OA2001200921-23	0911173528		11/19/2009 12:00	12/17/2009 10:29	N
	091130L13	NA	OA20	SE	OA2001200921-23	0911173528		11/19/2009 12:00	12/17/2009 10:29	N
	091130L13	NA	OA20	SE	OA2001200925-27	0911173529		11/19/2009 12:00	12/17/2009 10:53	N
	091130L13	NA	OA20	SE	OA2001200925-27	0911173529		11/19/2009 12:00	12/17/2009 10:53	N
	091130L13	NA	OA20	SE	OA2001200929-31	0911173530		11/19/2009 12:00	12/17/2009 11:16	N

AUTOMATED DATA REVIEW SUMMARY for 09111735

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130S13	091130L13	NA	OA20	SE	OA2001200929-31	0911173530		11/19/2009 12:00	12/17/2009 11:16	N
	091130L13	NA	OA20	SE	OA2001200933-35	0911173531		11/19/2009 12:00	12/17/2009 11:40	N
	091130L13	NA	OA20	SE	OA2001200933-35	0911173531		11/19/2009 12:00	12/17/2009 11:40	N
	091130L13	NA	OA20	SE	OA2001200937-39	0911173532		11/19/2009 12:00	12/18/2009 12:03	N
	091130L13	NA	OA20	SE	OA2001200937-39	0911173532		11/19/2009 12:00	12/18/2009 12:03	N
	091130L13	NA	OA20	SE	OA2001200945-47	0911173534		11/19/2009 12:00	12/18/2009 12:27	N
	091130L13	NA	OA20	SE	OA2001200945-47	0911173534		11/19/2009 12:00	12/18/2009 12:27	N
091130S12	091130L12	NA	OA20	SE	OA2001200901	091117351		11/19/2009 12:00	12/18/2009 12:50	N
	091130L12	NA	OA20	SE	OA2001200901	091117351		11/19/2009 12:00	12/18/2009 12:50	N
091130S13	091130L13	NA	OA20	SE	OA2001200941-43	0911173533		11/19/2009 12:00	12/18/2009 11:36	N
	091130L13	NA	OA20	SE	OA2001200937-39	0911173532		11/19/2009 12:00	12/18/2009 12:46	N
091130S12	091130L12	NA	OA20	SE	OA2001200901	091117351		11/19/2009 12:00	12/18/2009 1:10	N

AUTOMATED DATA REVIEW SUMMARY for 09111735

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123MOIB8	NA	NA	LABQC	SQ	LABQC	099050141597		11/23/2009 2:30	11/23/2009 2:30	LB
91123MOID8	NA	NA	OA20	SE	OA2001200909-11	0911173525		11/19/2009 12:00	11/23/2009 2:30	LR
	NA	NA	OA20	SE	OA2001200937-39	0911173532		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200933-35	0911173531		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200929-31	0911173530		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200925-27	0911173529		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200921-23	0911173528		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200917-19	0911173527		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200913-15	0911173526		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200901	091117351		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200909-11	0911173525		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200907	091117354		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200905	091117353		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200903	091117352		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200945-47	0911173534		11/19/2009 12:00	11/23/2009 2:30	N
	NA	NA	OA20	SE	OA2001200941-43	0911173533		11/19/2009 12:00	11/23/2009 2:30	N

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130L15	091130L15	NA	LABQC	SQ	LABQC	0991301755		11/30/2009 12:00	12/14/2009 12:24	LB
	091130L15	NA	LABQC	SQ	LABQC	0991301755		11/30/2009 12:00	12/14/2009 12:54	BS
	091130L15	NA	LABQC	SQ	LABQC	0991301755		11/30/2009 12:00	12/14/2009 1:23	BD
091130S15	091130L15	NA	OA20	SE	OA2001200901	091117351		11/19/2009 12:00	12/14/2009 9:01	N
	091130L15	NA	OA20	SE	OA2001200901	091117351		11/19/2009 12:00	12/14/2009 9:01	N
	091130L15	NA	OA20	SE	OA2001200903	091117352		11/19/2009 12:00	12/14/2009 9:30	N
	091130L15	NA	OA20	SE	OA2001200903	091117352		11/19/2009 12:00	12/14/2009 9:30	N
	091130L15	NA	OA20	SE	OA2001200905	091117353		11/19/2009 12:00	12/14/2009 10:00	N

AUTOMATED DATA REVIEW SUMMARY for 09111735

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130S15	091130L15	NA	OA20	SE	OA2001200905	091117353		11/19/2009 12:00	12/14/2009 10:00	N
	091130L15	NA	OA20	SE	OA2001200907	091117354		11/19/2009 12:00	12/14/2009 10:29	N
	091130L15	NA	OA20	SE	OA2001200907	091117354		11/19/2009 12:00	12/14/2009 10:29	N
091130S16	091130L16	NA	OA20	SE	OA2001200909-11	0911173525		11/19/2009 12:00	12/14/2009 10:58	N
	091130L16	NA	OA20	SE	OA2001200909-11	0911173525		11/19/2009 12:00	12/14/2009 10:58	N
	091130L16	NA	OA20	SE	OA2001200913-15	0911173526		11/19/2009 12:00	12/14/2009 11:27	N
	091130L16	NA	OA20	SE	OA2001200913-15	0911173526		11/19/2009 12:00	12/14/2009 11:27	N
	091130L16	NA	OA20	SE	OA2001200917-19	0911173527		11/19/2009 12:00	12/14/2009 11:56	N
	091130L16	NA	OA20	SE	OA2001200917-19	0911173527		11/19/2009 12:00	12/14/2009 11:56	N
	091130L16	NA	OA20	SE	OA2001200921-23	0911173528		11/19/2009 12:00	12/15/2009 12:26	N
	091130L16	NA	OA20	SE	OA2001200921-23	0911173528		11/19/2009 12:00	12/15/2009 12:26	N
	091130L16	NA	OA20	SE	OA2001200925-27	0911173529		11/19/2009 12:00	12/15/2009 12:55	N
	091130L16	NA	OA20	SE	OA2001200925-27	0911173529		11/19/2009 12:00	12/15/2009 12:55	N
	091130L16	NA	OA20	SE	OA2001200929-31	0911173530		11/19/2009 12:00	12/15/2009 1:25	N
	091130L16	NA	OA20	SE	OA2001200929-31	0911173530		11/19/2009 12:00	12/15/2009 1:25	N
	091130L16	NA	OA20	SE	OA2001200933-35	0911173531		11/19/2009 12:00	12/15/2009 1:54	N
	091130L16	NA	OA20	SE	OA2001200933-35	0911173531		11/19/2009 12:00	12/15/2009 1:54	N
	091130L16	NA	OA20	SE	OA2001200937-39	0911173532		11/19/2009 12:00	12/15/2009 2:23	N
	091130L16	NA	OA20	SE	OA2001200937-39	0911173532		11/19/2009 12:00	12/15/2009 2:23	N
	091130L16	NA	OA20	SE	OA2001200941-43	0911173533		11/19/2009 12:00	12/15/2009 2:54	N
	091130L16	NA	OA20	SE	OA2001200941-43	0911173533		11/19/2009 12:00	12/15/2009 2:54	N
	091130L16	NA	OA20	SE	OA2001200945-47	0911173534		11/19/2009 12:00	12/15/2009 3:23	N
	091130L16	NA	OA20	SE	OA2001200945-47	0911173534		11/19/2009 12:00	12/15/2009 3:23	N
	091130L16	NA	OA20	SE	OA2001200945-47	0911173534		11/19/2009 12:00	12/15/2009 3:53	MS
	091130L16	NA	OA20	SE	OA2001200945-47	0911173534		11/19/2009 12:00	12/15/2009 4:22	SD
091130L16	091130L16	NA	LABQC	SQ	LABQC	0991301756		11/30/2009 12:00	12/15/2009 11:23	LB
	091130L16	NA	LABQC	SQ	LABQC	0991301756		11/30/2009 12:00	12/15/2009 11:52	BS
	091130L16	NA	LABQC	SQ	LABQC	0991301756		11/30/2009 12:00	12/15/2009 12:20	BD

AUTOMATED DATA REVIEW SUMMARY for 09111735

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91209TOCL1	NA	NA	LABQC	SQ	LABQC	09906013428		12/09/2009 3:07	12/09/2009 3:07	BS
	NA	NA	LABQC	SQ	LABQC	09906013428		12/09/2009 3:07	12/09/2009 3:07	LB
91209TOCS1	NA	NA	OA20	SE	OA2001200901	091117351		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200909-11	0911173525		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200907	091117354		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200905	091117353		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200903	091117352		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200937-39	0911173532		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200933-35	0911173531		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200929-31	0911173530		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200925-27	0911173529		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200921-23	0911173528		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200917-19	0911173527		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200913-15	0911173526		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200945-47	0911173534		11/19/2009 12:00	12/09/2009 3:07	N
	NA	NA	OA20	SE	OA2001200941-43	0911173533		11/19/2009 12:00	12/09/2009 3:07	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA2001200941-43 / MS	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2001200941-43 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2001200941-43 / MS	1	o,p'-DDE	22.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2001200941-43 / SD	1	o,p'-DDE	24.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2001200941-43 / MS	1	p,p'-DDD	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2001200941-43 / SD	1	p,p'-DDD	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2001200941-43 / MS	1	p,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2001200941-43 / SD	1	p,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2001200941-43 / MS	1	p,p'-DDT	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2001200941-43 / SD	1	p,p'-DDT	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2001200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	2.1 J	2.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	4.2 J	4.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2001200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	PCB-138/158	7.4	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2001200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	PCB-138/158	7.4	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	4.2 J	4.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',5-TRICHLOROBIPHENYL	7.3	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,4,4'-TRICHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2001200901	N	o,p'-DDD	8.8	7.7 J	7.7 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200901	N	p,p'-DDT	8.8	6.7 J	6.7 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200905	N	o,p'-DDD	7.4	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200907	N	o,p'-DDD	7.2	6.7 J	6.7 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200907	N	1,1-bis(p-chlorophenyl)ethane	7.2	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200937-39	N	p,p'-DDT	7.4	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200941-43	N	p,p'-DDD	7.3	490	490 J	ug/kg	M
BNASIM/NONE	SE	OA2001200941-43	N	o,p'-DDE	7.3	290	290 J	ug/kg	M
BNASIM/NONE	SE	OA2001200941-43	N	p,p'-DDE	73.0	1500 D	1500 J	ug/kg	M
BNASIM/NONE	SE	OA2001200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	550	550 J	ug/kg	M
BNASIM/NONE	SE	OA2001200941-43	N	p,p'-DDT	7.3	540	540 J	ug/kg	M

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2001200901	N	o,p'-DDD	8.8	7.7 J	7.7 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200901	N	p,p'-DDD	8.8	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA2001200901	N	o,p'-DDE	8.8	37.0	37.0	ug/kg	
BNASIM/NONE	SE	OA2001200901	N	p,p'-DDE	44.0	830 D	830	ug/kg	
BNASIM/NONE	SE	OA2001200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.8	56.0	56.0	ug/kg	
BNASIM/NONE	SE	OA2001200901	N	1,1-bis(p-chlorophenyl)ethane	8.8	9.3	9.3	ug/kg	
BNASIM/NONE	SE	OA2001200901	N	p,p'-DDT	8.8	6.7 J	6.7 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200903	N	o,p'-DDD	8.0	8.9	8.9	ug/kg	
BNASIM/NONE	SE	OA2001200903	N	p,p'-DDD	8.0	39.0	39.0	ug/kg	
BNASIM/NONE	SE	OA2001200903	N	o,p'-DDE	8.0	37.0	37.0	ug/kg	
BNASIM/NONE	SE	OA2001200903	N	p,p'-DDE	8.0	250	250	ug/kg	
BNASIM/NONE	SE	OA2001200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.0	52.0	52.0	ug/kg	
BNASIM/NONE	SE	OA2001200903	N	1,1-bis(p-chlorophenyl)ethane	8.0	9.5	9.5	ug/kg	
BNASIM/NONE	SE	OA2001200905	N	o,p'-DDD	7.4	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200905	N	p,p'-DDD	7.4	22.0	22.0	ug/kg	
BNASIM/NONE	SE	OA2001200905	N	o,p'-DDE	7.4	31.0	31.0	ug/kg	
BNASIM/NONE	SE	OA2001200905	N	p,p'-DDE	7.4	250	250	ug/kg	
BNASIM/NONE	SE	OA2001200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	42.0	42.0	ug/kg	
BNASIM/NONE	SE	OA2001200905	N	1,1-bis(p-chlorophenyl)ethane	7.4	9.5	9.5	ug/kg	
BNASIM/NONE	SE	OA2001200907	N	o,p'-DDD	7.2	6.7 J	6.7 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200907	N	p,p'-DDD	7.2	70.0	70.0	ug/kg	
BNASIM/NONE	SE	OA2001200907	N	o,p'-DDE	7.2	24.0	24.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2001200907	N	p,p'-DDE	7.2	180	180	ug/kg	
BNASIM/NONE	SE	OA2001200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	31.0	31.0	ug/kg	
BNASIM/NONE	SE	OA2001200907	N	1,1-bis(p-chlorophenyl)ethane	7.2	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200907	N	p,p'-DDT	7.2	9.9	9.9	ug/kg	
BNASIM/NONE	SE	OA2001200909-11	N	o,p'-DDD	7.2	10.0	10.0	ug/kg	
BNASIM/NONE	SE	OA2001200909-11	N	p,p'-DDD	7.2	75.0	75.0	ug/kg	
BNASIM/NONE	SE	OA2001200909-11	N	o,p'-DDE	7.2	53.0	53.0	ug/kg	
BNASIM/NONE	SE	OA2001200909-11	N	p,p'-DDE	7.2	370	370	ug/kg	
BNASIM/NONE	SE	OA2001200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	76.0	76.0	ug/kg	
BNASIM/NONE	SE	OA2001200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.2	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA2001200909-11	N	p,p'-DDT	7.2	7.4	7.4	ug/kg	
BNASIM/NONE	SE	OA2001200913-15	N	o,p'-DDD	7.1	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA2001200913-15	N	p,p'-DDD	7.1	88.0	88.0	ug/kg	
BNASIM/NONE	SE	OA2001200913-15	N	o,p'-DDE	7.1	79.0	79.0	ug/kg	
BNASIM/NONE	SE	OA2001200913-15	N	p,p'-DDE	7.1	530	530	ug/kg	
BNASIM/NONE	SE	OA2001200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	120	120	ug/kg	
BNASIM/NONE	SE	OA2001200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.1	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA2001200917-19	N	o,p'-DDD	7.2	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA2001200917-19	N	p,p'-DDD	7.2	200	200	ug/kg	
BNASIM/NONE	SE	OA2001200917-19	N	o,p'-DDE	7.2	85.0	85.0	ug/kg	
BNASIM/NONE	SE	OA2001200917-19	N	p,p'-DDE	7.2	560	560	ug/kg	
BNASIM/NONE	SE	OA2001200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	130	130	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2001200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.2	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA2001200917-19	N	p,p'-DDT	7.2	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA2001200921-23	N	o,p'-DDD	7.3	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA2001200921-23	N	p,p'-DDD	7.3	180	180	ug/kg	
BNASIM/NONE	SE	OA2001200921-23	N	o,p'-DDE	7.3	79.0	79.0	ug/kg	
BNASIM/NONE	SE	OA2001200921-23	N	p,p'-DDE	7.3	530	530	ug/kg	
BNASIM/NONE	SE	OA2001200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	110	110	ug/kg	
BNASIM/NONE	SE	OA2001200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.3	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA2001200921-23	N	p,p'-DDT	7.3	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA2001200925-27	N	o,p'-DDD	7.4	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA2001200925-27	N	p,p'-DDD	7.4	340	340	ug/kg	
BNASIM/NONE	SE	OA2001200925-27	N	o,p'-DDE	7.4	95.0	95.0	ug/kg	
BNASIM/NONE	SE	OA2001200925-27	N	p,p'-DDE	7.4	590	590	ug/kg	
BNASIM/NONE	SE	OA2001200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	160	160	ug/kg	
BNASIM/NONE	SE	OA2001200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.4	31.0	31.0	ug/kg	
BNASIM/NONE	SE	OA2001200925-27	N	p,p'-DDT	7.4	32.0	32.0	ug/kg	
BNASIM/NONE	SE	OA2001200929-31	N	o,p'-DDD	7.3	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA2001200929-31	N	p,p'-DDD	7.3	120	120	ug/kg	
BNASIM/NONE	SE	OA2001200929-31	N	o,p'-DDE	7.3	85.0	85.0	ug/kg	
BNASIM/NONE	SE	OA2001200929-31	N	p,p'-DDE	7.3	530	530	ug/kg	
BNASIM/NONE	SE	OA2001200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	150	150	ug/kg	
BNASIM/NONE	SE	OA2001200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.3	28.0	28.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2001200933-35	N	o,p'-DDD	7.2	23.0	23.0	ug/kg	
BNASIM/NONE	SE	OA2001200933-35	N	p,p'-DDD	7.2	300	300	ug/kg	
BNASIM/NONE	SE	OA2001200933-35	N	o,p'-DDE	7.2	110	110	ug/kg	
BNASIM/NONE	SE	OA2001200933-35	N	p,p'-DDE	7.2	670	670	ug/kg	
BNASIM/NONE	SE	OA2001200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	210	210	ug/kg	
BNASIM/NONE	SE	OA2001200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.2	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA2001200933-35	N	p,p'-DDT	7.2	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA2001200937-39	N	o,p'-DDD	7.4	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA2001200937-39	N	p,p'-DDD	7.4	200	200	ug/kg	
BNASIM/NONE	SE	OA2001200937-39	N	o,p'-DDE	7.4	150	150	ug/kg	
BNASIM/NONE	SE	OA2001200937-39	N	p,p'-DDE	37.0	650 D	650	ug/kg	
BNASIM/NONE	SE	OA2001200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	310	310	ug/kg	
BNASIM/NONE	SE	OA2001200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.4	57.0	57.0	ug/kg	
BNASIM/NONE	SE	OA2001200937-39	N	p,p'-DDT	7.4	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA2001200941-43	N	o,p'-DDD	7.3	59.0	59.0	ug/kg	
BNASIM/NONE	SE	OA2001200941-43	N	p,p'-DDD	7.3	490	490 J	ug/kg	M
BNASIM/NONE	SE	OA2001200941-43	N	o,p'-DDE	7.3	290	290 J	ug/kg	M
BNASIM/NONE	SE	OA2001200941-43	N	p,p'-DDE	73.0	1500 D	1500 J	ug/kg	M
BNASIM/NONE	SE	OA2001200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	550	550 J	ug/kg	M
BNASIM/NONE	SE	OA2001200941-43	N	1,1-bis(p-chlorophenyl)ethane	7.3	130	130	ug/kg	
BNASIM/NONE	SE	OA2001200941-43	N	o,p'-DDT	7.3	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA2001200941-43	N	p,p'-DDT	7.3	540	540 J	ug/kg	M

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2001200945-47	N	o,p'-DDD	7.2	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA2001200945-47	N	p,p'-DDD	7.2	300	300	ug/kg	
BNASIM/NONE	SE	OA2001200945-47	N	o,p'-DDE	7.2	120	120	ug/kg	
BNASIM/NONE	SE	OA2001200945-47	N	p,p'-DDE	7.2	600	600	ug/kg	
BNASIM/NONE	SE	OA2001200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	280	280	ug/kg	
BNASIM/NONE	SE	OA2001200945-47	N	1,1-bis(p-chlorophenyl)ethane	7.2	52.0	52.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2001200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2001200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	2.1 J	2.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	PCB-138/158	7.4	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	3.7 J	3.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2001200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.4	3.2 J	3.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2001200937-39	N	PCB-138/158	7.4	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2001200941-43	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2001200941-43	N	PCB-138/158	7.3	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2001200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2001200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	OA2001200941-43	N	2,2',5-TRICHLOROBIPHENYL	7.3	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2001200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2001200945-47	N	2,4,4'-TRICHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR

AUTOMATED DATA REVIEW SUMMARY for 09111735

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA2001200901	N	Moisture	0.10	43.5	43.5	PERCENT	
D2216/NONE	SE	OA2001200903	N	Moisture	0.10	37.8	37.8	PERCENT	
D2216/NONE	SE	OA2001200905	N	Moisture	0.10	32.8	32.8	PERCENT	
D2216/NONE	SE	OA2001200907	N	Moisture	0.10	30.8	30.8	PERCENT	
D2216/NONE	SE	OA2001200909-11	N	Moisture	0.10	30.5	30.5	PERCENT	
D2216/NONE	SE	OA2001200913-15	N	Moisture	0.10	29.8	29.8	PERCENT	
D2216/NONE	SE	OA2001200917-19	N	Moisture	0.10	30.7	30.7	PERCENT	
D2216/NONE	SE	OA2001200921-23	N	Moisture	0.10	31.4	31.4	PERCENT	
D2216/NONE	SE	OA2001200925-27	N	Moisture	0.10	32.0	32.0	PERCENT	
D2216/NONE	SE	OA2001200929-31	N	Moisture	0.10	31.1	31.1	PERCENT	
D2216/NONE	SE	OA2001200933-35	N	Moisture	0.10	30.4	30.4	PERCENT	
D2216/NONE	SE	OA2001200937-39	N	Moisture	0.10	32.6	32.6	PERCENT	
D2216/NONE	SE	OA2001200941-43	N	Moisture	0.10	31.9	31.9	PERCENT	
D2216/NONE	SE	OA2001200945-47	N	Moisture	0.10	30.6	30.6	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA2001200901	N	Total Organic Carbon	0.088	2.3	2.3	PERCENT	
SW9060/NONE	SE	OA2001200903	N	Total Organic Carbon	0.080	2.2	2.2	PERCENT	
SW9060/NONE	SE	OA2001200905	N	Total Organic Carbon	0.074	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA2001200907	N	Total Organic Carbon	0.072	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA2001200909-11	N	Total Organic Carbon	0.072	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA2001200913-15	N	Total Organic Carbon	0.071	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA2001200917-19	N	Total Organic Carbon	0.072	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA2001200921-23	N	Total Organic Carbon	0.073	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA2001200925-27	N	Total Organic Carbon	0.074	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA2001200929-31	N	Total Organic Carbon	0.073	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA2001200933-35	N	Total Organic Carbon	0.072	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA2001200937-39	N	Total Organic Carbon	0.074	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA2001200941-43	N	Total Organic Carbon	0.073	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA2001200945-47	N	Total Organic Carbon	0.072	1.5	1.5	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111736

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

2. **Moisture by D2216**
   A laboratory duplicate (LR) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

3. **PCB Congeners by PCB-SIM**
   An MS was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

4. **Total Organic Carbon by SW9060**
   An MS and LR were not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111736

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111736, Certified - 2/2/2010 M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Leticia Sangalang
Data Reviewer Title:	Senior Scientist
Date of Review Report:	10-Feb-2010

Samples Included in SDG 09111736

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	7	0
D2216/NONE	7	0
PCBSIM/NONE	7	0
SW9060/NONE	7	0

AUTOMATED DATA REVIEW SUMMARY for 09111736

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111736. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

Test Hold Time

Surrogate

Prep Hold Time

BS RPD

LCS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111736

Negative Blank

Calibration Blank - Negative

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Confirmation Column Difference

Field Blank

Lab Replicate RPD

MS RPD

Calibration Blank

Equip Blank

MS Recovery

AUTOMATED DATA REVIEW SUMMARY for 09111736

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.00% (0 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

AUTOMATED DATA REVIEW SUMMARY for 09111736

Leticia Sangalang

10-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111736

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L02	091201L02	NA	LABQC	SQ	LABQC	0991301323		12/01/2009 12:00	12/17/2009 10:46	LB
	091201L02	NA	LABQC	SQ	LABQC	0991301323		12/01/2009 12:00	12/17/2009 11:10	BS
	091201L02	NA	LABQC	SQ	LABQC	0991301323		12/01/2009 12:00	12/17/2009 11:33	BD
091201S02	091201L02	NA	OA21	SE	OA2101200901	091117361		11/19/2009 12:00	12/18/2009 2:21	N
	091201L02	NA	OA21	SE	OA2101200901	091117361		11/19/2009 12:00	12/18/2009 2:21	N
	091201L02	NA	OA21	SE	OA2101200903	091117362		11/19/2009 12:00	12/18/2009 2:44	N
	091201L02	NA	OA21	SE	OA2101200903	091117362		11/19/2009 12:00	12/18/2009 2:44	N
	091201L02	NA	OA21	SE	OA2101200905	091117363		11/19/2009 12:00	12/18/2009 3:08	N
	091201L02	NA	OA21	SE	OA2101200905	091117363		11/19/2009 12:00	12/18/2009 3:08	N
	091201L02	NA	OA21	SE	OA2101200907	091117364		11/19/2009 12:00	12/18/2009 3:31	N
	091201L02	NA	OA21	SE	OA2101200907	091117364		11/19/2009 12:00	12/18/2009 3:31	N
	091201L02	NA	OA21	SE	OA2101200909-11	0911173611		11/19/2009 12:00	12/18/2009 3:55	N
	091201L02	NA	OA21	SE	OA2101200909-11	0911173611		11/19/2009 12:00	12/18/2009 3:55	N
	091201L02	NA	OA21	SE	OA2101200913-15	0911173612		11/19/2009 12:00	12/18/2009 4:19	N
	091201L02	NA	OA21	SE	OA2101200913-15	0911173612		11/19/2009 12:00	12/18/2009 4:19	N
	091201L02	NA	OA21	SE	OA2101200917-19	0911173613		11/19/2009 12:00	12/18/2009 4:42	N
	091201L02	NA	OA21	SE	OA2101200917-19	0911173613		11/19/2009 12:00	12/18/2009 4:42	N
	091201L02	NA	OA21	SE	OA2101200901	091117361		11/19/2009 12:00	12/18/2009 8:50	N
	091201L02	NA	OA21	SE	OA2101200903	091117362		11/19/2009 12:00	12/18/2009 9:13	N
	091201L02	NA	OA21	SE	OA2101200905	091117363		11/19/2009 12:00	12/18/2009 9:37	N
	091201L02	NA	OA21	SE	OA2101200907	091117364		11/19/2009 12:00	12/18/2009 10:01	N
	091201L02	NA	OA21	SE	OA2101200909-11	0911173611		11/19/2009 12:00	12/18/2009 10:24	N
	091201L02	NA	OA21	SE	OA2101200913-15	0911173612		11/19/2009 12:00	12/18/2009 10:48	N
	091201L02	NA	OA21	SE	OA2101200917-19	0911173613		11/19/2009 12:00	12/18/2009 11:11	N

AUTOMATED DATA REVIEW SUMMARY for 09111736

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123MOID7	NA	NA	OA21	SE	OA2101200917-19	0911173613		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA21	SE	OA2101200913-15	0911173612		11/19/2009 12:00	11/23/2009 12:05	N
91123MOIB7	NA	NA	LABQC	SQ	LABQC	099050141594		11/23/2009 12:05	11/23/2009 12:05	LB
91123MOID7	NA	NA	OA21	SE	OA2101200905	091117363		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA21	SE	OA2101200909-11	0911173611		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA21	SE	OA2101200907	091117364		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA21	SE	OA2101200903	091117362		11/19/2009 12:00	11/23/2009 12:05	N
	NA	NA	OA21	SE	OA2101200901	091117361		11/19/2009 12:00	11/23/2009 12:05	N

AUTOMATED DATA REVIEW SUMMARY for 09111736

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S06	091201L06	NA	OA21	SE	OA2101200901	091117361		11/19/2009 12:00	12/15/2009 12:49	N
	091201L06	NA	OA21	SE	OA2101200901	091117361		11/19/2009 12:00	12/15/2009 12:49	N
	091201L06	NA	OA21	SE	OA2101200903	091117362		11/19/2009 12:00	12/15/2009 1:18	N
	091201L06	NA	OA21	SE	OA2101200903	091117362		11/19/2009 12:00	12/15/2009 1:18	N
	091201L06	NA	OA21	SE	OA2101200905	091117363		11/19/2009 12:00	12/15/2009 1:47	N
	091201L06	NA	OA21	SE	OA2101200905	091117363		11/19/2009 12:00	12/15/2009 1:47	N
	091201L06	NA	OA21	SE	OA2101200907	091117364		11/19/2009 12:00	12/15/2009 2:15	N
	091201L06	NA	OA21	SE	OA2101200907	091117364		11/19/2009 12:00	12/15/2009 2:15	N
	091201L06	NA	OA21	SE	OA2101200909-11	0911173611		11/19/2009 12:00	12/15/2009 2:43	N
	091201L06	NA	OA21	SE	OA2101200909-11	0911173611		11/19/2009 12:00	12/15/2009 2:43	N
	091201L06	NA	OA21	SE	OA2101200913-15	0911173612		11/19/2009 12:00	12/15/2009 3:12	N
	091201L06	NA	OA21	SE	OA2101200913-15	0911173612		11/19/2009 12:00	12/15/2009 3:12	N
	091201L06	NA	OA21	SE	OA2101200917-19	0911173613		11/19/2009 12:00	12/15/2009 3:41	N
	091201L06	NA	OA21	SE	OA2101200917-19	0911173613		11/19/2009 12:00	12/15/2009 3:41	N
091201L06	091201L06	NA	LABQC	SQ	LABQC	0991301757		12/01/2009 12:00	12/16/2009 2:10	LB
	091201L06	NA	LABQC	SQ	LABQC	0991301757		12/01/2009 12:00	12/16/2009 2:39	BS
	091201L06	NA	LABQC	SQ	LABQC	0991301757		12/01/2009 12:00	12/16/2009 3:09	BD

AUTOMATED DATA REVIEW SUMMARY for 09111736

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91214TOCL1	NA	NA	LABQC	SQ	LABQC	09906013432		12/14/2009 10:57	12/14/2009 10:57	BS
	NA	NA	LABQC	SQ	LABQC	09906013432		12/14/2009 10:57	12/14/2009 10:57	LB
91214TOCS1	NA	NA	OA21	SE	OA2101200903	091117362		11/19/2009 12:00	12/14/2009 10:57	N
	NA	NA	OA21	SE	OA2101200901	091117361		11/19/2009 12:00	12/14/2009 10:57	N
	NA	NA	OA21	SE	OA2101200909-11	0911173611		11/19/2009 12:00	12/14/2009 10:57	N
	NA	NA	OA21	SE	OA2101200907	091117364		11/19/2009 12:00	12/14/2009 10:57	N
	NA	NA	OA21	SE	OA2101200905	091117363		11/19/2009 12:00	12/14/2009 10:57	N
	NA	NA	OA21	SE	OA2101200917-19	0911173613		11/19/2009 12:00	12/14/2009 10:57	N
	NA	NA	OA21	SE	OA2101200913-15	0911173612		11/19/2009 12:00	12/14/2009 10:57	N

AUTOMATED DATA REVIEW SUMMARY for 09111736

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2101200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200903	N	2,2',5-TRICHLOROBIPHENYL	7.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200905	N	2,2',5-TRICHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200905	N	2,4,4'-TRICHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2101200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.6	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	2,4'-DICHLOROBIPHENYL	7.7	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.7	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	2,3,4,4',5-Pentachlorobiphenyl	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.7	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.7	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.5	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.5	5.5 J	5.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2101200901	N	o,p'-DDT	9.5	6.2 J	6.2 J	ug/kg	TR
BNASIM/NONE	SE	OA2101200917-19	N	p,p'-DDT	7.5	5.1 J	5.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2101200901	N	o,p'-DDD	9.5	45.0	45.0	ug/kg	
BNASIM/NONE	SE	OA2101200901	N	p,p'-DDD	9.5	140	140	ug/kg	
BNASIM/NONE	SE	OA2101200901	N	o,p'-DDE	9.5	250	250	ug/kg	
BNASIM/NONE	SE	OA2101200901	N	p,p'-DDE	48.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA2101200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.5	470	470	ug/kg	
BNASIM/NONE	SE	OA2101200901	N	1,1-bis(p-chlorophenyl)ethane	9.5	59.0	59.0	ug/kg	
BNASIM/NONE	SE	OA2101200901	N	o,p'-DDT	9.5	6.2 J	6.2 J	ug/kg	TR
BNASIM/NONE	SE	OA2101200901	N	p,p'-DDT	9.5	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA2101200903	N	o,p'-DDD	7.9	46.0	46.0	ug/kg	
BNASIM/NONE	SE	OA2101200903	N	p,p'-DDD	7.9	120	120	ug/kg	
BNASIM/NONE	SE	OA2101200903	N	o,p'-DDE	7.9	240	240	ug/kg	
BNASIM/NONE	SE	OA2101200903	N	p,p'-DDE	39.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA2101200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.9	440	440	ug/kg	
BNASIM/NONE	SE	OA2101200903	N	1,1-bis(p-chlorophenyl)ethane	7.9	46.0	46.0	ug/kg	
BNASIM/NONE	SE	OA2101200905	N	o,p'-DDD	7.5	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA2101200905	N	p,p'-DDD	7.5	120	120	ug/kg	
BNASIM/NONE	SE	OA2101200905	N	o,p'-DDE	7.5	230	230	ug/kg	
BNASIM/NONE	SE	OA2101200905	N	p,p'-DDE	38.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA2101200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	410	410	ug/kg	
BNASIM/NONE	SE	OA2101200905	N	1,1-bis(p-chlorophenyl)ethane	7.5	53.0	53.0	ug/kg	
BNASIM/NONE	SE	OA2101200907	N	o,p'-DDD	7.5	89.0	89.0	ug/kg	
BNASIM/NONE	SE	OA2101200907	N	p,p'-DDD	7.5	230	230	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2101200907	N	o,p'-DDE	7.5	390	390	ug/kg	
BNASIM/NONE	SE	OA2101200907	N	p,p'-DDE	75.0	1800 D	1800	ug/kg	
BNASIM/NONE	SE	OA2101200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	75.0	580 D	580	ug/kg	
BNASIM/NONE	SE	OA2101200907	N	1,1-bis(p-chlorophenyl)ethane	7.5	86.0	86.0	ug/kg	
BNASIM/NONE	SE	OA2101200907	N	o,p'-DDT	7.5	9.5	9.5	ug/kg	
BNASIM/NONE	SE	OA2101200909-11	N	o,p'-DDD	7.6	71.0	71.0	ug/kg	
BNASIM/NONE	SE	OA2101200909-11	N	p,p'-DDD	7.6	190	190	ug/kg	
BNASIM/NONE	SE	OA2101200909-11	N	o,p'-DDE	7.6	350	350	ug/kg	
BNASIM/NONE	SE	OA2101200909-11	N	p,p'-DDE	76.0	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA2101200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	76.0	760 D	760	ug/kg	
BNASIM/NONE	SE	OA2101200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.6	110	110	ug/kg	
BNASIM/NONE	SE	OA2101200913-15	N	o,p'-DDD	7.7	200	200	ug/kg	
BNASIM/NONE	SE	OA2101200913-15	N	p,p'-DDD	7.7	520	520	ug/kg	
BNASIM/NONE	SE	OA2101200913-15	N	o,p'-DDE	77.0	780 D	780	ug/kg	
BNASIM/NONE	SE	OA2101200913-15	N	p,p'-DDE	77.0	4200 D	4200	ug/kg	
BNASIM/NONE	SE	OA2101200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	77.0	1900 D	1900	ug/kg	
BNASIM/NONE	SE	OA2101200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.7	300	300	ug/kg	
BNASIM/NONE	SE	OA2101200913-15	N	o,p'-DDT	7.7	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA2101200917-19	N	o,p'-DDD	7.5	110	110	ug/kg	
BNASIM/NONE	SE	OA2101200917-19	N	p,p'-DDD	7.5	330	330	ug/kg	
BNASIM/NONE	SE	OA2101200917-19	N	o,p'-DDE	7.5	360	360	ug/kg	
BNASIM/NONE	SE	OA2101200917-19	N	p,p'-DDE	75.0	1800 D	1800	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2101200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	75.0	810 D	810	ug/kg	
BNASIM/NONE	SE	OA2101200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.5	130	130	ug/kg	
BNASIM/NONE	SE	OA2101200917-19	N	p,p'-DDT	7.5	5.1 J	5.1 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2101200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2101200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.5	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2101200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	PCB-138/158	9.5	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2101200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.5	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA2101200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2101200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.5	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2101200901	N	2,4,4'-TRICHLOROBIPHENYL	9.5	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2101200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	5.4 J	5.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2101200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2101200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2101200903	N	PCB-138/158	7.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2101200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2101200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2101200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2101200903	N	2,2',5-TRICHLOROBIPHENYL	7.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200903	N	2,4,4'-TRICHLOROBIPHENYL	7.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2101200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2101200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2101200905	N	PCB-138/158	7.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2101200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA2101200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA2101200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	OA2101200905	N	2,2',5-TRICHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2101200905	N	2,4,4'-TRICHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA2101200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2101200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA2101200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.5	8.0	8.0	ug/kg	
PCBSIM/NONE	SE	OA2101200907	N	PCB-138/158	7.5	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2101200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2101200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2101200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2101200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2101200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA2101200907	N	2,4,4'-TRICHLOROBIPHENYL	7.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	14.0	14.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2101200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2101200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200909-11	N	PCB-138/158	7.6	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA2101200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA2101200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA2101200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.6	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.6	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2,4'-DICHLOROBIPHENYL	7.7	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.7	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	50.0	50.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	2,3,4,4',5-Pentachlorobiphenyl	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	54.0	54.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.7	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	PCB-138/158	7.7	52.0	52.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2101200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.7	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	50.0	50.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	54.0	54.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	44.0	44.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.7	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.7	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA2101200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.7	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	8.1	8.1	ug/kg	
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2101200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2101200917-19	N	PCB-138/158	7.5	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA2101200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	19.0	19.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2101200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA2101200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.5	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2101200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.5	5.5 J	5.5 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA2101200901	N	Moisture	0.10	47.4	47.4	PERCENT	
D2216/NONE	SE	OA2101200903	N	Moisture	0.10	36.5	36.5	PERCENT	
D2216/NONE	SE	OA2101200905	N	Moisture	0.10	33.4	33.4	PERCENT	
D2216/NONE	SE	OA2101200907	N	Moisture	0.10	33.4	33.4	PERCENT	
D2216/NONE	SE	OA2101200909-11	N	Moisture	0.10	34.3	34.3	PERCENT	
D2216/NONE	SE	OA2101200913-15	N	Moisture	0.10	35.2	35.2	PERCENT	
D2216/NONE	SE	OA2101200917-19	N	Moisture	0.10	33.2	33.2	PERCENT	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA2101200901	N	Total Organic Carbon	0.095	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA2101200903	N	Total Organic Carbon	0.079	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA2101200905	N	Total Organic Carbon	0.075	2.2	2.2	PERCENT	
SW9060/NONE	SE	OA2101200907	N	Total Organic Carbon	0.075	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA2101200909-11	N	Total Organic Carbon	0.076	2.2	2.2	PERCENT	
SW9060/NONE	SE	OA2101200913-15	N	Total Organic Carbon	0.077	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA2101200917-19	N	Total Organic Carbon	0.075	1.4	1.4	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111737

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

2. **Moisture by D2216**
   A laboratory duplicate (LR) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

3. **PCB Congeners by PCB-SIM**
   An MS was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

4. **Total Organic Carbon by SW9060**
   An MS was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111737

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111737, Certified - 2/2/2010 M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Evin McKinney
Data Reviewer Title:	Senior Scientist
Date of Review Report:	12-Feb-2010

Samples Included in SDG 09111737

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	10	0
D2216/NONE	10	0
PCBSIM/NONE	10	0
SW9060/NONE	10	0

AUTOMATED DATA REVIEW SUMMARY for 09111737

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111737. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

Test Hold Time

Surrogate

Prep Hold Time

BS RPD

LCS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111737

Calibration Blank - Negative

Calibration Blank

Equip Blank

MS Recovery

Confirmation Column Difference

Field Blank

Lab Replicate RPD

MS RPD

Negative Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 09111737

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 13.91% (69 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

ADR Case Narrative.

Evin McKinney

12-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111737

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130L13	091130L13	NA	LABQC	SQ	LABQC	0991301322		11/30/2009 12:00	12/16/2009 5:03	LB
	091130L13	NA	LABQC	SQ	LABQC	0991301322		11/30/2009 12:00	12/16/2009 5:27	BS
	091130L13	NA	LABQC	SQ	LABQC	0991301322		11/30/2009 12:00	12/16/2009 5:50	BD
091130S13	091130L13	NA	OA22	SE	OA2201200903	091117372		11/19/2009 12:00	12/18/2009 1:14	N
	091130L13	NA	OA22	SE	OA2201200903	091117372		11/19/2009 12:00	12/18/2009 1:14	N
	091130L13	NA	OA22	SE	OA2201200905	091117373		11/19/2009 12:00	12/18/2009 1:37	N
	091130L13	NA	OA22	SE	OA2201200905	091117373		11/19/2009 12:00	12/18/2009 1:37	N
	091130L13	NA	OA22	SE	OA2201200907	091117374		11/19/2009 12:00	12/18/2009 2:01	N
	091130L13	NA	OA22	SE	OA2201200907	091117374		11/19/2009 12:00	12/18/2009 2:01	N
	091130L13	NA	OA22	SE	OA2201200909-11	0911173717		11/19/2009 12:00	12/18/2009 2:24	N
	091130L13	NA	OA22	SE	OA2201200909-11	0911173717		11/19/2009 12:00	12/18/2009 2:24	N
	091130L13	NA	OA22	SE	OA2201200913-15	0911173718		11/19/2009 12:00	12/18/2009 2:48	N
	091130L13	NA	OA22	SE	OA2201200913-15	0911173718		11/19/2009 12:00	12/18/2009 2:48	N
	091130L13	NA	OA22	SE	OA2201200917-19	0911173719		11/19/2009 12:00	12/18/2009 3:11	N
	091130L13	NA	OA22	SE	OA2201200917-19	0911173719		11/19/2009 12:00	12/18/2009 3:11	N
	091130L13	NA	OA22	SE	OA2201200921-23	0911173720		11/19/2009 12:00	12/18/2009 3:35	N
	091130L13	NA	OA22	SE	OA2201200921-23	0911173720		11/19/2009 12:00	12/18/2009 3:35	N
	091130L13	NA	OA22	SE	OA2201200925-27	0911173721		11/19/2009 12:00	12/18/2009 3:58	N
	091130L13	NA	OA22	SE	OA2201200925-27	0911173721		11/19/2009 12:00	12/18/2009 3:58	N
091130S13P	091130L13	NA	OA22	SE	OA2201200929-31	0911173722		11/19/2009 12:00	12/18/2009 4:22	N
	091130L13	NA	OA22	SE	OA2201200929-31	0911173722		11/19/2009 12:00	12/18/2009 4:22	N
091130S13	091130L13	NA	OA22	SE	OA2201200901	091117371		11/19/2009 12:00	12/18/2009 4:46	N
	091130L13	NA	OA22	SE	OA2201200901	091117371		11/19/2009 12:00	12/18/2009 4:46	N
	091130L13	NA	OA22	SE	OA2201200913-15	0911173718		11/19/2009 12:00	12/18/2009 1:33	N
	091130L13	NA	OA22	SE	OA2201200917-19	0911173719		11/19/2009 12:00	12/18/2009 1:57	N

AUTOMATED DATA REVIEW SUMMARY for 09111737

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123MOIB9	NA	NA	LABQC	SQ	LABQC	099050141598		11/23/2009 4:02	11/23/2009 4:02	LB
91123MOID9	NA	NA	OA22	SE	OA2201200929-31	0911173722		11/19/2009 12:00	11/23/2009 4:02	N
	NA	NA	OA22	SE	OA2201200925-27	0911173721		11/19/2009 12:00	11/23/2009 4:02	N
	NA	NA	OA22	SE	OA2201200921-23	0911173720		11/19/2009 12:00	11/23/2009 4:02	N
	NA	NA	OA22	SE	OA2201200917-19	0911173719		11/19/2009 12:00	11/23/2009 4:02	N
	NA	NA	OA22	SE	OA2201200901	091117371		11/19/2009 12:00	11/23/2009 4:02	N
	NA	NA	OA22	SE	OA2201200903	091117372		11/19/2009 12:00	11/23/2009 4:02	N
	NA	NA	OA22	SE	OA2201200913-15	0911173718		11/19/2009 12:00	11/23/2009 4:02	N
	NA	NA	OA22	SE	OA2201200909-11	0911173717		11/19/2009 12:00	11/23/2009 4:02	N
	NA	NA	OA22	SE	OA2201200907	091117374		11/19/2009 12:00	11/23/2009 4:02	N
	NA	NA	OA22	SE	OA2201200905	091117373		11/19/2009 12:00	11/23/2009 4:02	N

AUTOMATED DATA REVIEW SUMMARY for 09111737

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130L16	091130L16	NA	LABQC	SQ	LABQC	0991301756		11/30/2009 12:00	12/15/2009 11:23	LB
	091130L16	NA	LABQC	SQ	LABQC	0991301756		11/30/2009 12:00	12/15/2009 11:52	BS
	091130L16	NA	LABQC	SQ	LABQC	0991301756		11/30/2009 12:00	12/15/2009 12:20	BD
091130S16	091130L16	NA	OA22	SE	OA2201200901	091117371		11/19/2009 12:00	12/15/2009 4:11	N
	091130L16	NA	OA22	SE	OA2201200901	091117371		11/19/2009 12:00	12/15/2009 4:11	N
	091130L16	NA	OA22	SE	OA2201200903	091117372		11/19/2009 12:00	12/15/2009 4:39	N
	091130L16	NA	OA22	SE	OA2201200903	091117372		11/19/2009 12:00	12/15/2009 4:39	N
	091130L16	NA	OA22	SE	OA2201200905	091117373		11/19/2009 12:00	12/15/2009 5:07	N
	091130L16	NA	OA22	SE	OA2201200905	091117373		11/19/2009 12:00	12/15/2009 5:07	N
	091130L16	NA	OA22	SE	OA2201200913-15	0911173718		11/19/2009 12:00	12/15/2009 6:34	N
	091130L16	NA	OA22	SE	OA2201200913-15	0911173718		11/19/2009 12:00	12/15/2009 6:34	N
	091130L16	NA	OA22	SE	OA2201200917-19	0911173719		11/19/2009 12:00	12/15/2009 7:03	N
	091130L16	NA	OA22	SE	OA2201200917-19	0911173719		11/19/2009 12:00	12/15/2009 7:03	N
	091130L16	NA	OA22	SE	OA2201200921-23	0911173720		11/19/2009 12:00	12/15/2009 7:31	N
	091130L16	NA	OA22	SE	OA2201200921-23	0911173720		11/19/2009 12:00	12/15/2009 7:31	N
	091130L16	NA	OA22	SE	OA2201200925-27	0911173721		11/19/2009 12:00	12/15/2009 8:00	N
	091130L16	NA	OA22	SE	OA2201200925-27	0911173721		11/19/2009 12:00	12/15/2009 8:00	N
	091130L16	NA	OA22	SE	OA2201200929-31	0911173722		11/19/2009 12:00	12/15/2009 8:29	N
	091130L16	NA	OA22	SE	OA2201200929-31	0911173722		11/19/2009 12:00	12/15/2009 8:29	N
	091130L16	NA	OA22	SE	OA2201200907	091117374		11/19/2009 12:00	12/15/2009 8:58	N
	091130L16	NA	OA22	SE	OA2201200907	091117374		11/19/2009 12:00	12/15/2009 8:58	N
	091130L16	NA	OA22	SE	OA2201200909-11	0911173717		11/19/2009 12:00	12/15/2009 9:26	N
	091130L16	NA	OA22	SE	OA2201200909-11	0911173717		11/19/2009 12:00	12/15/2009 9:26	N

AUTOMATED DATA REVIEW SUMMARY for 09111737

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91211TOCS1	NA	NA	OA22	SE	OA2201200909-11	0911173717		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA22	SE	OA2201200913-15	0911173718		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA22	SE	OA2201200907	091117374		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA22	SE	OA2201200905	091117373		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA22	SE	OA2201200903	091117372		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA22	SE	OA2201200901	091117371		11/19/2009 12:00	12/11/2009 7:39	N
91211TOCL1	NA	NA	LABQC	SQ	LABQC	09906013431		12/11/2009 7:39	12/11/2009 7:39	BD
	NA	NA	LABQC	SQ	LABQC	09906013431		12/11/2009 7:39	12/11/2009 7:39	BS
	NA	NA	LABQC	SQ	LABQC	09906013431		12/11/2009 7:39	12/11/2009 7:39	LB
91211TOCS1	NA	NA	OA22	SE	OA2201200929-31	0911173722		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA22	SE	OA2201200925-27	0911173721		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA22	SE	OA2201200921-23	0911173720		11/19/2009 12:00	12/11/2009 7:39	N
	NA	NA	OA22	SE	OA2201200917-19	0911173719		11/19/2009 12:00	12/11/2009 7:39	N

AUTOMATED DATA REVIEW SUMMARY for 09111737

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2201200901	N	o,p'-DDD	9.3	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	OA2201200901	N	o,p'-DDE	9.3	40.0	40.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200901	N	p,p'-DDE	9.3	250	250 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.3	65.0	65.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200903	N	o,p'-DDE	7.3	52.0	52.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200903	N	p,p'-DDE	7.3	330	330 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	78.0	78.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200903	N	1,1-bis(p-chlorophenyl)ethane	7.3	13.0	13.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200905	N	o,p'-DDD	7.2	9.8	9.8 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200905	N	o,p'-DDE	7.2	76.0	76.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200905	N	p,p'-DDE	7.2	460	460 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200905	N	1,1-bis(p-chlorophenyl)ethane	7.2	24.0	24.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200907	N	o,p'-DDD	7.2	9.6	9.6 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200907	N	p,p'-DDD	7.2	28.0	28.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200907	N	o,p'-DDE	7.2	64.0	64.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200907	N	p,p'-DDE	7.2	380	380 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	87.0	87.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200907	N	1,1-bis(p-chlorophenyl)ethane	7.2	25.0	25.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	o,p'-DDD	7.5	20.0	20.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	p,p'-DDD	7.5	55.0	55.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	o,p'-DDE	7.5	130	130 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2201200909-11	N	p,p'-DDE	7.5	710	710 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	300	300 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.5	65.0	65.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	o,p'-DDT	7.5	7.5 U	7.5 UJ	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	o,p'-DDD	7.8	51.0	51.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	p,p'-DDD	7.8	200	200 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	o,p'-DDE	7.8	420	420 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	p,p'-DDE	78.0	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	78.0	950 D	950 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.8	190	190 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	o,p'-DDT	7.8	5.8 J	5.8 J	ug/kg	TR
BNASIM/NONE	SE	OA2201200917-19	N	p,p'-DDD	7.3	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200917-19	N	o,p'-DDE	7.3	220	220 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200921-23	N	p,p'-DDD	7.1	100	100 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200921-23	N	p,p'-DDE	7.1	510	510 J	ug/kg	D3

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2201200901	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	3.7 J	3.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2201200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,4,4'-TRICHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200905	N	PCB-138/158	7.2	7.2 U	7.2 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA2201200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	4.2 J	4.2 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	4.6 J	4.6 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200907	N	PCB-138/158	7.2	7.2 U	7.2 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA2201200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	7.2 U	7.2 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA2201200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	7.2 U	7.2 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA2201200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.9 J	3.9 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	2.7 J	2.7 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	2.6 J	2.6 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	6.5 J	6.5 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	8.1	8.1 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.5	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200909-11	N	PCB-138/158	7.5	8.9	8.9 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2201200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.5	7.5 U	7.5 UJ	ug/kg	D3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	7.5	7.5 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	5.3 J	5.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	4.3 J	4.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	6.7 J	6.7 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	7.7	7.7 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.5	7.8	7.8 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	9.0	9.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	19.0	19.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	PCB-138/158	7.8	21.0	21.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	25.0	25.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	14.0	14.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	18.0	18.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	19.0	19.0 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2201200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	22.0	22.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.8	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.8	6.3 J	6.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	PCB-138/158	7.1	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.1	6.6 J	6.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2201200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,4,4'-TRICHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	6.9	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.9	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	6.9	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	6.9	2.8 J	2.8 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA2201200901	N	Total Organic Carbon	0.093	3.0	3.0 J	PERCENT	D3
SW9060/NONE	SE	OA2201200903	N	Total Organic Carbon	0.073	2.8	2.8 J	PERCENT	D3
SW9060/NONE	SE	OA2201200909-11	N	Total Organic Carbon	0.075	1.9	1.9 J	PERCENT	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2201200901	N	o,p'-DDD	9.3	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	OA2201200901	N	p,p'-DDD	9.3	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA2201200901	N	o,p'-DDE	9.3	40.0	40.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200901	N	p,p'-DDE	9.3	250	250 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.3	65.0	65.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200901	N	1,1-bis(p-chlorophenyl)ethane	9.3	9.4	9.4	ug/kg	
BNASIM/NONE	SE	OA2201200903	N	o,p'-DDD	7.3	8.8	8.8	ug/kg	
BNASIM/NONE	SE	OA2201200903	N	p,p'-DDD	7.3	67.0	67.0	ug/kg	
BNASIM/NONE	SE	OA2201200903	N	o,p'-DDE	7.3	52.0	52.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200903	N	p,p'-DDE	7.3	330	330 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	78.0	78.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200903	N	1,1-bis(p-chlorophenyl)ethane	7.3	13.0	13.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200905	N	o,p'-DDD	7.2	9.8	9.8 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200905	N	p,p'-DDD	7.2	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA2201200905	N	o,p'-DDE	7.2	76.0	76.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200905	N	p,p'-DDE	7.2	460	460 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200905	N	1,1-bis(p-chlorophenyl)ethane	7.2	24.0	24.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200907	N	o,p'-DDD	7.2	9.6	9.6 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200907	N	p,p'-DDD	7.2	28.0	28.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200907	N	o,p'-DDE	7.2	64.0	64.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200907	N	p,p'-DDE	7.2	380	380 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2201200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	87.0	87.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200907	N	1,1-bis(p-chlorophenyl)ethane	7.2	25.0	25.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	o,p'-DDD	7.5	20.0	20.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	p,p'-DDD	7.5	55.0	55.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	o,p'-DDE	7.5	130	130 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	p,p'-DDE	7.5	710	710 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	300	300 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.5	65.0	65.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	o,p'-DDD	7.8	51.0	51.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	p,p'-DDD	7.8	200	200 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	o,p'-DDE	7.8	420	420 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	p,p'-DDE	78.0	1300 D	1300 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	78.0	950 D	950 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.8	190	190 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200913-15	N	o,p'-DDT	7.8	5.8 J	5.8 J	ug/kg	TR
BNASIM/NONE	SE	OA2201200917-19	N	o,p'-DDD	7.3	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA2201200917-19	N	p,p'-DDD	7.3	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200917-19	N	o,p'-DDE	7.3	220	220 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200917-19	N	p,p'-DDE	36.0	780 D	780	ug/kg	
BNASIM/NONE	SE	OA2201200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	670	670	ug/kg	
BNASIM/NONE	SE	OA2201200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.3	110	110	ug/kg	
BNASIM/NONE	SE	OA2201200921-23	N	o,p'-DDD	7.1	22.0	22.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2201200921-23	N	p,p'-DDD	7.1	100	100 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200921-23	N	o,p'-DDE	7.1	150	150	ug/kg	
BNASIM/NONE	SE	OA2201200921-23	N	p,p'-DDE	7.1	510	510 J	ug/kg	D3
BNASIM/NONE	SE	OA2201200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	540	540	ug/kg	
BNASIM/NONE	SE	OA2201200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.1	84.0	84.0	ug/kg	
BNASIM/NONE	SE	OA2201200925-27	N	o,p'-DDD	7.1	9.4	9.4	ug/kg	
BNASIM/NONE	SE	OA2201200925-27	N	p,p'-DDD	7.1	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA2201200925-27	N	o,p'-DDE	7.1	61.0	61.0	ug/kg	
BNASIM/NONE	SE	OA2201200925-27	N	p,p'-DDE	7.1	240	240	ug/kg	
BNASIM/NONE	SE	OA2201200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	210	210	ug/kg	
BNASIM/NONE	SE	OA2201200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.1	41.0	41.0	ug/kg	
BNASIM/NONE	SE	OA2201200929-31	N	o,p'-DDD	6.9	8.9	8.9	ug/kg	
BNASIM/NONE	SE	OA2201200929-31	N	p,p'-DDD	6.9	45.0	45.0	ug/kg	
BNASIM/NONE	SE	OA2201200929-31	N	o,p'-DDE	6.9	39.0	39.0	ug/kg	
BNASIM/NONE	SE	OA2201200929-31	N	p,p'-DDE	6.9	180	180	ug/kg	
BNASIM/NONE	SE	OA2201200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	120	120	ug/kg	
BNASIM/NONE	SE	OA2201200929-31	N	1,1-bis(p-chlorophenyl)ethane	6.9	36.0	36.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2201200901	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	3.4 J	3.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2201200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200903	N	2,4,4'-TRICHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	4.2 J	4.2 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	4.6 J	4.6 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.9 J	3.9 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	2.7 J	2.7 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	2.6 J	2.6 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	6.5 J	6.5 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	8.1	8.1 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.5	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200909-11	N	PCB-138/158	7.5	8.9	8.9 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	7.5	7.5 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	5.3 J	5.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	4.3 J	4.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	6.7 J	6.7 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	7.7	7.7 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.5	7.8	7.8 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	9.0	9.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	19.0	19.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	PCB-138/158	7.8	21.0	21.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	25.0	25.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	14.0	14.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	18.0	18.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	19.0	19.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2201200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	22.0	22.0 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2201200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.8	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.8	6.3 J	6.3 J	ug/kg	TRD3
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2201200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2201200917-19	N	PCB-138/158	7.3	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2201200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	7.6	7.6	ug/kg	
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	OA2201200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA2201200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.3	8.1	8.1	ug/kg	
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	7.0 J	7.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2201200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	7.2	7.2	ug/kg	
PCBSIM/NONE	SE	OA2201200921-23	N	PCB-138/158	7.1	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.1	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200925-27	N	2,4,4'-TRICHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	6.9	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.9	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	6.9	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2201200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	6.9	2.8 J	2.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA2201200901	N	Moisture	0.10	46.2	46.2	PERCENT	
D2216/NONE	SE	OA2201200903	N	Moisture	0.10	31.7	31.7	PERCENT	
D2216/NONE	SE	OA2201200905	N	Moisture	0.10	30.5	30.5	PERCENT	
D2216/NONE	SE	OA2201200907	N	Moisture	0.10	30.7	30.7	PERCENT	
D2216/NONE	SE	OA2201200909-11	N	Moisture	0.10	33.1	33.1	PERCENT	
D2216/NONE	SE	OA2201200913-15	N	Moisture	0.10	35.5	35.5	PERCENT	
D2216/NONE	SE	OA2201200917-19	N	Moisture	0.10	31.1	31.1	PERCENT	
D2216/NONE	SE	OA2201200921-23	N	Moisture	0.10	29.7	29.7	PERCENT	
D2216/NONE	SE	OA2201200925-27	N	Moisture	0.10	29.9	29.9	PERCENT	
D2216/NONE	SE	OA2201200929-31	N	Moisture	0.10	27.9	27.9	PERCENT	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA2201200901	N	Total Organic Carbon	0.093	3.0	3.0 J	PERCENT	D3
SW9060/NONE	SE	OA2201200903	N	Total Organic Carbon	0.073	2.8	2.8 J	PERCENT	D3
SW9060/NONE	SE	OA2201200905	N	Total Organic Carbon	0.072	2.7	2.7	PERCENT	
SW9060/NONE	SE	OA2201200907	N	Total Organic Carbon	0.072	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA2201200909-11	N	Total Organic Carbon	0.075	1.9	1.9 J	PERCENT	D3
SW9060/NONE	SE	OA2201200913-15	N	Total Organic Carbon	0.078	2.4	2.4	PERCENT	
SW9060/NONE	SE	OA2201200917-19	N	Total Organic Carbon	0.073	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA2201200921-23	N	Total Organic Carbon	0.071	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA2201200925-27	N	Total Organic Carbon	0.071	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA2201200929-31	N	Total Organic Carbon	0.069	1.2	1.2	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111738

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

2. **PCB Congeners by PCB-SIM**
   An MS was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111738

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111738, Certified - 2/2/2010 M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Evin McKinney
Data Reviewer Title:	Senior Scientist
Date of Review Report:	11-Feb-2010

Samples Included in SDG 09111738

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	0	8
D2216/NONE	0	8
PCBSIM/NONE	0	8
SW9060/NONE	0	8

AUTOMATED DATA REVIEW SUMMARY for 09111738

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111738. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

BS RPD

LCS Recovery

Blank

Field Duplicate RPD

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111738

Calibration Blank - Negative

Calibration Blank

Equip Blank

Confirmation Column Difference

Field Blank

Continuing Calibration Verification

Trip Blank

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09111738

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 16.51% (69 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

11-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111738

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130L14	091130L14	NA	LABQC	SQ	LABQC	0991301321		11/30/2009 12:00	12/16/2009 10:33	LB
	091130L14	NA	LABQC	SQ	LABQC	0991301321		11/30/2009 12:00	12/16/2009 10:56	BS
	091130L14	NA	LABQC	SQ	LABQC	0991301321		11/30/2009 12:00	12/16/2009 11:19	BD
091130S14	091130L14	NA	OA22	SE	OA2202200901	091117381		11/19/2009 12:00	12/16/2009 11:42	FD
	091130L14	NA	OA22	SE	OA2202200901	091117381		11/19/2009 12:00	12/16/2009 11:42	FD
	091130L14	NA	OA22	SE	OA2202200903	091117382		11/19/2009 12:00	12/17/2009 12:06	FD
	091130L14	NA	OA22	SE	OA2202200903	091117382		11/19/2009 12:00	12/17/2009 12:06	FD
	091130L14	NA	OA22	SE	OA2202200905	091117383		11/19/2009 12:00	12/17/2009 12:29	FD
	091130L14	NA	OA22	SE	OA2202200905	091117383		11/19/2009 12:00	12/17/2009 12:29	FD
	091130L14	NA	OA22	SE	OA2202200907	091117384		11/19/2009 12:00	12/17/2009 12:53	FD
	091130L14	NA	OA22	SE	OA2202200907	091117384		11/19/2009 12:00	12/17/2009 12:53	FD
	091130L14	NA	OA22	SE	OA2202200909-11	0911173813		11/19/2009 12:00	12/17/2009 1:16	FD
	091130L14	NA	OA22	SE	OA2202200909-11	0911173813		11/19/2009 12:00	12/17/2009 1:16	FD
	091130L14	NA	OA22	SE	OA2202200913-15	0911173814		11/19/2009 12:00	12/17/2009 1:40	FD
	091130L14	NA	OA22	SE	OA2202200913-15	0911173814		11/19/2009 12:00	12/17/2009 1:40	FD
	091130L14	NA	OA22	SE	OA2202200917-19	0911173815		11/19/2009 12:00	12/17/2009 2:03	FD
	091130L14	NA	OA22	SE	OA2202200917-19	0911173815		11/19/2009 12:00	12/17/2009 2:03	FD
091130S14P	091130L14	NA	OA22	SE	OA2202200921-23	0911173816		11/19/2009 12:00	12/17/2009 2:27	FD
	091130L14	NA	OA22	SE	OA2202200921-23	0911173816		11/19/2009 12:00	12/17/2009 2:27	FD
091130S14	091130L14	NA	OA22	SE	OA2202200903	091117382		11/19/2009 12:00	12/17/2009 2:42	FD
	091130L14	NA	OA22	SE	OA2202200905	091117383		11/19/2009 12:00	12/17/2009 3:05	FD
	091130L14	NA	OA22	SE	OA2202200907	091117384		11/19/2009 12:00	12/17/2009 3:29	FD
	091130L14	NA	OA22	SE	OA2202200909-11	0911173813		11/19/2009 12:00	12/17/2009 3:53	FD
	091130L14	NA	OA22	SE	OA2202200913-15	0911173814		11/19/2009 12:00	12/17/2009 4:16	FD
	091130L14	NA	OA22	SE	OA2202200917-19	0911173815		11/19/2009 12:00	12/17/2009 4:40	FD
091130S14P	091130L14	NA	OA22	SE	OA2202200921-23	0911173816		11/19/2009 12:00	12/17/2009 5:03	FD

AUTOMATED DATA REVIEW SUMMARY for 09111738

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91123MOID9	NA	NA	OA22	SE	OA2202200909-11	0911173813		11/19/2009 12:00	11/23/2009 4:02	LR
	NA	NA	OA22	SE	OA2202200921-23	0911173816		11/19/2009 12:00	11/23/2009 4:02	FD
	NA	NA	OA22	SE	OA2202200917-19	0911173815		11/19/2009 12:00	11/23/2009 4:02	FD
	NA	NA	OA22	SE	OA2202200913-15	0911173814		11/19/2009 12:00	11/23/2009 4:02	FD
91123MOIB9	NA	NA	LABQC	SQ	LABQC	099050141598		11/23/2009 4:02	11/23/2009 4:02	LB
91123MOID9	NA	NA	OA22	SE	OA2202200909-11	0911173813		11/19/2009 12:00	11/23/2009 4:02	FD
	NA	NA	OA22	SE	OA2202200907	091117384		11/19/2009 12:00	11/23/2009 4:02	FD
	NA	NA	OA22	SE	OA2202200905	091117383		11/19/2009 12:00	11/23/2009 4:02	FD
	NA	NA	OA22	SE	OA2202200903	091117382		11/19/2009 12:00	11/23/2009 4:02	FD
	NA	NA	OA22	SE	OA2202200901	091117381		11/19/2009 12:00	11/23/2009 4:02	FD

AUTOMATED DATA REVIEW SUMMARY for 09111738

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091130L17	091130L17	NA	LABQC	SQ	LABQC	0991301754		11/30/2009 12:00	12/14/2009 5:34	LB
	091130L17	NA	LABQC	SQ	LABQC	0991301754		11/30/2009 12:00	12/14/2009 6:04	BS
	091130L17	NA	LABQC	SQ	LABQC	0991301754		11/30/2009 12:00	12/14/2009 6:33	BD
091130S17	091130L17	NA	OA22	SE	OA2202200901	091117381		11/19/2009 12:00	12/15/2009 9:55	FD
	091130L17	NA	OA22	SE	OA2202200901	091117381		11/19/2009 12:00	12/15/2009 9:55	FD
	091130L17	NA	OA22	SE	OA2202200903	091117382		11/19/2009 12:00	12/15/2009 10:24	FD
	091130L17	NA	OA22	SE	OA2202200903	091117382		11/19/2009 12:00	12/15/2009 10:24	FD
	091130L17	NA	OA22	SE	OA2202200905	091117383		11/19/2009 12:00	12/15/2009 10:55	FD
	091130L17	NA	OA22	SE	OA2202200905	091117383		11/19/2009 12:00	12/15/2009 10:55	FD
	091130L17	NA	OA22	SE	OA2202200907	091117384		11/19/2009 12:00	12/15/2009 11:24	FD
	091130L17	NA	OA22	SE	OA2202200907	091117384		11/19/2009 12:00	12/15/2009 11:24	FD
	091130L17	NA	OA22	SE	OA2202200909-11	0911173813		11/19/2009 12:00	12/15/2009 11:53	FD
	091130L17	NA	OA22	SE	OA2202200909-11	0911173813		11/19/2009 12:00	12/15/2009 11:53	FD
	091130L17	NA	OA22	SE	OA2202200913-15	0911173814		11/19/2009 12:00	12/16/2009 12:21	FD
	091130L17	NA	OA22	SE	OA2202200913-15	0911173814		11/19/2009 12:00	12/16/2009 12:21	FD
	091130L17	NA	OA22	SE	OA2202200917-19	0911173815		11/19/2009 12:00	12/16/2009 12:50	FD
	091130L17	NA	OA22	SE	OA2202200917-19	0911173815		11/19/2009 12:00	12/16/2009 12:50	FD
	091130L17	NA	OA22	SE	OA2202200921-23	0911173816		11/19/2009 12:00	12/16/2009 1:18	FD
	091130L17	NA	OA22	SE	OA2202200921-23	0911173816		11/19/2009 12:00	12/16/2009 1:18	FD

AUTOMATED DATA REVIEW SUMMARY for 09111738

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91214TOCS1	NA	NA	OA22	SE	OA2202200921-23	0911173816		11/19/2009 12:00	12/14/2009 10:57	FD
	NA	NA	OA22	SE	OA2202200917-19	0911173815		11/19/2009 12:00	12/14/2009 10:57	FD
	NA	NA	OA22	SE	OA2202200913-15	0911173814		11/19/2009 12:00	12/14/2009 10:57	FD
	NA	NA	OA22	SE	OA2202200921-23	0911173816		11/19/2009 12:00	12/14/2009 10:57	MS
	NA	NA	OA22	SE	OA2202200921-23	0911173816		11/19/2009 12:00	12/14/2009 10:57	SD
	NA	NA	OA22	SE	OA2202200909-11	0911173813		11/19/2009 12:00	12/14/2009 10:57	FD
	NA	NA	OA22	SE	OA2202200907	091117384		11/19/2009 12:00	12/14/2009 10:57	FD
	NA	NA	OA22	SE	OA2202200905	091117383		11/19/2009 12:00	12/14/2009 10:57	FD
	NA	NA	OA22	SE	OA2202200903	091117382		11/19/2009 12:00	12/14/2009 10:57	FD
	NA	NA	OA22	SE	OA2202200901	091117381		11/19/2009 12:00	12/14/2009 10:57	FD
91214TOCL1	NA	NA	LABQC	SQ	LABQC	09906013432		12/14/2009 10:57	12/14/2009 10:57	BS
	NA	NA	LABQC	SQ	LABQC	09906013432		12/14/2009 10:57	12/14/2009 10:57	LB

AUTOMATED DATA REVIEW SUMMARY for 09111738

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2202200901	FD	o,p'-DDE	9.1	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200901	FD	p,p'-DDE	9.1	900	900 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200901	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.1	230	230 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200903	FD	o,p'-DDE	7.6	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200903	FD	p,p'-DDE	38.0	880 D	880 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200903	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	260	260 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200903	FD	1,1-bis(p-chlorophenyl)ethane	7.6	42.0	42.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200905	FD	o,p'-DDD	7.3	37.0	37.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200905	FD	o,p'-DDE	7.3	340	340 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200905	FD	p,p'-DDE	73.0	1700 D	1700 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200905	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	520	520 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200905	FD	1,1-bis(p-chlorophenyl)ethane	7.3	90.0	90.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200907	FD	o,p'-DDD	7.6	63.0	63.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200907	FD	p,p'-DDD	7.6	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200907	FD	o,p'-DDE	7.6	490	490 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200907	FD	p,p'-DDE	76.0	2400 D	2400 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200907	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	76.0	760 D	760 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200907	FD	1,1-bis(p-chlorophenyl)ethane	7.6	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	o,p'-DDD	8.3	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	p,p'-DDD	8.3	320	320 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	o,p'-DDE	410	1800 D	1800 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	p,p'-DDE	410	8400 D	8400 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2202200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	410	3700 D	3700 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	1,1-bis(p-chlorophenyl)ethane	8.3	540	540 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	o,p'-DDT	8.3	23.0	23.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	o,p'-DDD	7.6	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	p,p'-DDD	7.6	380	380 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	o,p'-DDE	380	1200 D	1200 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	p,p'-DDE	380	5300 D	5300 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	380	3400 D	3400 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	1,1-bis(p-chlorophenyl)ethane	7.6	490	490 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200917-19	FD	p,p'-DDD	7.1	100	100 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200917-19	FD	o,p'-DDE	7.1	380	380 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200917-19	FD	o,p'-DDT	7.1	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA2202200921-23	FD	p,p'-DDD	7.1	54.0	54.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200921-23	FD	p,p'-DDE	36.0	870 D	870 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200921-23	FD	o,p'-DDT	7.1	4.6 J	4.6 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200901	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.1	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.1	4.5 J	4.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200901	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,4,4'-TRICHLOROBIPHENYL	7.6	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	7.3	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	PCB-138/158	7.3	26.0	26.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200905	FD	2,3,3',4,4',5-Hexachlorobiphenyl	7.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	27.0	27.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200905	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	3,3',4,4'-TETRACHLOROBIPHENYL	7.3	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',5-TRICHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,4,4'-TRICHLOROBIPHENYL	7.3	5.7 J	5.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200907	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	38.0	38.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,3,4,4',5-Pentachlorobiphenyl	7.6	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,3',4,4',5-Pentachlorobiphenyl	7.6	37.0	37.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	PCB-138/158	7.6	34.0	34.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	33.0	33.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	22.0	22.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	31.0	31.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	3,3',4,4'-TETRACHLOROBIPHENYL	7.6	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,2',5-TRICHLOROBIPHENYL	7.6	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200909-11	FD	2,4'-DICHLOROBIPHENYL	8.3	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.3	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	53.0	53.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	31.0	31.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	30.0	30.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	130	130 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200909-11	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.3	4.7 J	4.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3',4,4',5-Pentachlorobiphenyl	8.3	150	150 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	PCB-138/158	8.3	120	120 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3,3',4,4',5-Hexachlorobiphenyl	8.3	27.0	27.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	140	140 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	85.0	85.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	86.0	86.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	93.0	93.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	140	140 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	3,4,4',5-TETRACHLOROBIPHENYL	8.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200909-11	FD	2,4,4'-TRICHLOROBIPHENYL	8.3	36.0	36.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,4'-DICHLOROBIPHENYL	7.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	36.0	36.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	86.0	86.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3,4,4',5-Pentachlorobiphenyl	7.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3',4,4',5-Pentachlorobiphenyl	7.6	95.0	95.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	PCB-138/158	7.6	87.0	87.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	88.0	88.0 J	ug/kg	D3

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	56.0	56.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	61.0	61.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	75.0	75.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	91.0	91.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,4,4'-TRICHLOROBIPHENYL	7.6	34.0	34.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200917-19	FD	2,4'-DICHLOROBIPHENYL	7.1	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.1	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	7.1	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2,3,3',4,4',5-Hexachlorobiphenyl	7.1	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	3,3',4,4'-TETRACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',5-TRICHLOROBIPHENYL	7.1	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',5-TRICHLOROBIPHENYL	7.1	3.4 J	3.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA2202200901	FD	Total Organic Carbon	0.091	1.5	1.5 J	PERCENT	D3
SW9060/NONE	SE	OA2202200903	FD	Total Organic Carbon	0.076	1.4	1.4 J	PERCENT	D3
SW9060/NONE	SE	OA2202200909-11	FD	Total Organic Carbon	0.083	4.1	4.1 J	PERCENT	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2202200901	FD	o,p'-DDD	9.1	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA2202200901	FD	p,p'-DDD	9.1	42.0	42.0	ug/kg	
BNASIM/NONE	SE	OA2202200901	FD	o,p'-DDE	9.1	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200901	FD	p,p'-DDE	9.1	900	900 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200901	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.1	230	230 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200901	FD	1,1-bis(p-chlorophenyl)ethane	9.1	32.0	32.0	ug/kg	
BNASIM/NONE	SE	OA2202200903	FD	o,p'-DDD	7.6	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA2202200903	FD	p,p'-DDD	7.6	75.0	75.0	ug/kg	
BNASIM/NONE	SE	OA2202200903	FD	o,p'-DDE	7.6	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200903	FD	p,p'-DDE	38.0	880 D	880 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200903	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	260	260 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200903	FD	1,1-bis(p-chlorophenyl)ethane	7.6	42.0	42.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200905	FD	o,p'-DDD	7.3	37.0	37.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200905	FD	p,p'-DDD	7.3	130	130	ug/kg	
BNASIM/NONE	SE	OA2202200905	FD	o,p'-DDE	7.3	340	340 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200905	FD	p,p'-DDE	73.0	1700 D	1700 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200905	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	520	520 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200905	FD	1,1-bis(p-chlorophenyl)ethane	7.3	90.0	90.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200907	FD	o,p'-DDD	7.6	63.0	63.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200907	FD	p,p'-DDD	7.6	120	120 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200907	FD	o,p'-DDE	7.6	490	490 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200907	FD	p,p'-DDE	76.0	2400 D	2400 J	ug/kg	D3

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2202200907	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	76.0	760 D	760 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200907	FD	1,1-bis(p-chlorophenyl)ethane	7.6	150	150 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	o,p'-DDD	8.3	170	170 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	p,p'-DDD	8.3	320	320 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	o,p'-DDE	410	1800 D	1800 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	p,p'-DDE	410	8400 D	8400 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	410	3700 D	3700 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	1,1-bis(p-chlorophenyl)ethane	8.3	540	540 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200909-11	FD	o,p'-DDT	8.3	23.0	23.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	o,p'-DDD	7.6	160	160 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	p,p'-DDD	7.6	380	380 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	o,p'-DDE	380	1200 D	1200 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	p,p'-DDE	380	5300 D	5300 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	380	3400 D	3400 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	1,1-bis(p-chlorophenyl)ethane	7.6	490	490 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200913-15	FD	o,p'-DDT	7.6	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA2202200917-19	FD	o,p'-DDD	7.1	44.0	44.0	ug/kg	
BNASIM/NONE	SE	OA2202200917-19	FD	p,p'-DDD	7.1	100	100 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200917-19	FD	o,p'-DDE	7.1	380	380 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200917-19	FD	p,p'-DDE	71.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA2202200917-19	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	71.0	940 D	940	ug/kg	
BNASIM/NONE	SE	OA2202200917-19	FD	1,1-bis(p-chlorophenyl)ethane	7.1	140	140	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2202200917-19	FD	o,p'-DDT	7.1	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	OA2202200921-23	FD	o,p'-DDD	7.1	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA2202200921-23	FD	p,p'-DDD	7.1	54.0	54.0 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200921-23	FD	o,p'-DDE	7.1	240	240	ug/kg	
BNASIM/NONE	SE	OA2202200921-23	FD	p,p'-DDE	36.0	870 D	870 J	ug/kg	D3
BNASIM/NONE	SE	OA2202200921-23	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	36.0	730 D	730	ug/kg	
BNASIM/NONE	SE	OA2202200921-23	FD	1,1-bis(p-chlorophenyl)ethane	7.1	81.0	81.0	ug/kg	
BNASIM/NONE	SE	OA2202200921-23	FD	o,p'-DDT	7.1	4.6 J	4.6 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200901	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.1	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2202200901	FD	2,3',4,4',5-Pentachlorobiphenyl	9.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2202200901	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	9.1	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	PCB-138/158	9.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2202200901	FD	2,3,3',4,4',5-Hexachlorobiphenyl	9.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2202200901	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	6.2 J	6.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200901	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200901	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2202200903	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2202200903	FD	2,3',4,4',5-Pentachlorobiphenyl	7.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2202200903	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	PCB-138/158	7.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2202200903	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200903	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	8.0	8.0	ug/kg	
PCBSIM/NONE	SE	OA2202200903	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2202200903	FD	2,4,4'-TRICHLOROBIPHENYL	7.6	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2202200905	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA2202200905	FD	2,3',4,4',5-Pentachlorobiphenyl	7.3	24.0	24.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200905	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	7.3	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	PCB-138/158	7.3	26.0	26.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200905	FD	2,3,3',4,4',5-Hexachlorobiphenyl	7.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	27.0	27.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200905	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2202200905	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2202200905	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2202200905	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	OA2202200905	FD	3,3',4,4'-TETRACHLOROBIPHENYL	7.3	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,2',5-TRICHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200905	FD	2,4,4'-TRICHLOROBIPHENYL	7.3	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2202200907	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	OA2202200907	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	OA2202200907	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	38.0	38.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,3,4,4',5-Pentachlorobiphenyl	7.6	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,3',4,4',5-Pentachlorobiphenyl	7.6	37.0	37.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	7.6 J	7.6	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200907	FD	PCB-138/158	7.6	34.0	34.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	2,3,3',4,4',5-Hexachlorobiphenyl	7.6	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	OA2202200907	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA2202200907	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	33.0	33.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA2202200907	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	22.0	22.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA2202200907	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	31.0	31.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200907	FD	3,3',4,4'-TETRACHLOROBIPHENYL	7.6	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,2',5-TRICHLOROBIPHENYL	7.6	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200907	FD	2,4,4'-TRICHLOROBIPHENYL	7.6	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	OA2202200909-11	FD	2,4'-DICHLOROBIPHENYL	8.3	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.3	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	53.0	53.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	31.0	31.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	30.0	30.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	130	130 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200909-11	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	6.4 J	6.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3,4,4',5-Pentachlorobiphenyl	8.3	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3',4,4',5-Pentachlorobiphenyl	8.3	150	150 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.3	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2202200909-11	FD	PCB-138/158	8.3	120	120 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3,3',4,4',5-Hexachlorobiphenyl	8.3	27.0	27.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	8.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	140	140 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	85.0	85.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	86.0	86.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	93.0	93.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	140	140 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200909-11	FD	3,4,4',5-TETRACHLOROBIPHENYL	8.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200909-11	FD	2,2',5-TRICHLOROBIPHENYL	8.3	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	OA2202200909-11	FD	2,4,4'-TRICHLOROBIPHENYL	8.3	36.0	36.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,4'-DICHLOROBIPHENYL	7.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	36.0	36.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	20.0	20.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	86.0	86.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3,4,4',5-Pentachlorobiphenyl	7.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3',4,4',5-Pentachlorobiphenyl	7.6	95.0	95.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2202200913-15	FD	PCB-138/158	7.6	87.0	87.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3,3',4,4',5-Hexachlorobiphenyl	7.6	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	88.0	88.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	56.0	56.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	61.0	61.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	75.0	75.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	91.0	91.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200913-15	FD	3,3',4,4'-TETRACHLOROBIPHENYL	7.6	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA2202200913-15	FD	2,2',5-TRICHLOROBIPHENYL	7.6	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA2202200913-15	FD	2,4,4'-TRICHLOROBIPHENYL	7.6	34.0	34.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA2202200917-19	FD	2,4'-DICHLOROBIPHENYL	7.1	2.7 J	2.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	7.7	7.7	ug/kg	
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.1	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2202200917-19	FD	2,3',4,4',5-Pentachlorobiphenyl	7.1	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2202200917-19	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	7.1	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	PCB-138/158	7.1	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA2202200917-19	FD	2,3,3',4,4',5-Hexachlorobiphenyl	7.1	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA2202200917-19	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2202200917-19	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2202200917-19	FD	3,3',4,4'-TETRACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2,2',5-TRICHLOROBIPHENYL	7.1	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200917-19	FD	2,4,4'-TRICHLOROBIPHENYL	7.1	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.1	2.9 J	2.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2202200921-23	FD	2,3',4,4',5-Pentachlorobiphenyl	7.1	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2202200921-23	FD	PCB-138/158	7.1	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2202200921-23	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	7.7	7.7	ug/kg	
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2202200921-23	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2202200921-23	FD	2,2',5-TRICHLOROBIPHENYL	7.1	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2202200921-23	FD	2,4,4'-TRICHLOROBIPHENYL	7.1	8.9	8.9	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA2202200901	FD	Moisture	0.10	44.8	44.8	PERCENT	
D2216/NONE	SE	OA2202200903	FD	Moisture	0.10	34.1	34.1	PERCENT	
D2216/NONE	SE	OA2202200905	FD	Moisture	0.10	31.8	31.8	PERCENT	
D2216/NONE	SE	OA2202200907	FD	Moisture	0.10	34.4	34.4	PERCENT	
D2216/NONE	SE	OA2202200909-11	FD	Moisture	0.10	39.4	39.4	PERCENT	
D2216/NONE	SE	OA2202200913-15	FD	Moisture	0.10	34.4	34.4	PERCENT	
D2216/NONE	SE	OA2202200917-19	FD	Moisture	0.10	29.2	29.2	PERCENT	
D2216/NONE	SE	OA2202200921-23	FD	Moisture	0.10	29.6	29.6	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA2202200901	FD	Total Organic Carbon	0.091	1.5	1.5 J	PERCENT	D3
SW9060/NONE	SE	OA2202200903	FD	Total Organic Carbon	0.076	1.4	1.4 J	PERCENT	D3
SW9060/NONE	SE	OA2202200905	FD	Total Organic Carbon	0.073	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA2202200907	FD	Total Organic Carbon	0.076	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA2202200909-11	FD	Total Organic Carbon	0.083	4.1	4.1 J	PERCENT	D3
SW9060/NONE	SE	OA2202200913-15	FD	Total Organic Carbon	0.076	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA2202200917-19	FD	Total Organic Carbon	0.071	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA2202200921-23	FD	Total Organic Carbon	0.071	1.2	1.2	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111739

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Report – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Total Organic Carbon by SW9060**
   A laboratory duplicate (LR) and matrix spike (MS) were not provided on the data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111739

Facility: EPA, Region 9

Event: PV Shelf - Sediment

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111739, Certified - 2/2/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 11-Feb-2010

Samples Included in SDG 09111739

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	16	0
D2216/NONE	16	0
PCBSIM/NONE	16	0
SW9060/NONE	16	0

AUTOMATED DATA REVIEW SUMMARY for 09111739

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111739. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111739

Confirmation Column Difference

Field Blank

Negative Blank

Calibration Blank

Equip Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 09111739

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.91% (8 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

AUTOMATED DATA REVIEW SUMMARY for 09111739

Evin McKinney

11-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111739

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L02	091201L02	NA	LABQC	SQ	LABQC	0991301323		12/01/2009 12:00	12/17/2009 10:46	LB
	091201L02	NA	LABQC	SQ	LABQC	0991301323		12/01/2009 12:00	12/17/2009 11:10	BS
	091201L02	NA	LABQC	SQ	LABQC	0991301323		12/01/2009 12:00	12/17/2009 11:33	BD
091201L03	091201L03	NA	LABQC	SQ	LABQC	0991301324		12/01/2009 12:00	12/18/2009 6:28	LB
	091201L03	NA	LABQC	SQ	LABQC	0991301324		12/01/2009 12:00	12/18/2009 6:52	BS
	091201L03	NA	LABQC	SQ	LABQC	0991301324		12/01/2009 12:00	12/18/2009 7:16	BD
091201S02	091201L02	NA	OA23	SE	OA2301200929-31	0911173933		11/19/2009 12:00	12/18/2009 7:39	MS
	091201L02	NA	OA23	SE	OA2301200929-31	0911173933		11/19/2009 12:00	12/18/2009 8:03	SD
	091201L02	NA	OA23	SE	OA2301200929-31	0911173933		11/19/2009 12:00	12/18/2009 8:26	N
	091201L02	NA	OA23	SE	OA2301200929-31	0911173933		11/19/2009 12:00	12/18/2009 8:26	N
	091201L02	NA	OA23	SE	OA2301200901	091117391		11/19/2009 12:00	12/18/2009 11:35	N
	091201L02	NA	OA23	SE	OA2301200901	091117391		11/19/2009 12:00	12/18/2009 11:35	N
	091201L02	NA	OA23	SE	OA2301200903	091117392		11/19/2009 12:00	12/18/2009 11:58	N
	091201L02	NA	OA23	SE	OA2301200903	091117392		11/19/2009 12:00	12/18/2009 11:58	N
	091201L02	NA	OA23	SE	OA2301200905	091117393		11/19/2009 12:00	12/19/2009 12:22	N
	091201L02	NA	OA23	SE	OA2301200905	091117393		11/19/2009 12:00	12/19/2009 12:22	N
	091201L02	NA	OA23	SE	OA2301200907	091117394		11/19/2009 12:00	12/19/2009 12:45	N
	091201L02	NA	OA23	SE	OA2301200907	091117394		11/19/2009 12:00	12/19/2009 12:45	N
091201S02P	091201L02	NA	OA23	SE	OA2301200953	0911173927		11/19/2009 12:00	12/19/2009 1:09	N
	091201L02	NA	OA23	SE	OA2301200953	0911173927		11/19/2009 12:00	12/19/2009 1:09	N
091201S02	091201L02	NA	OA23	SE	OA2301200909-11	0911173928		11/19/2009 12:00	12/19/2009 1:33	N
	091201L02	NA	OA23	SE	OA2301200909-11	0911173928		11/19/2009 12:00	12/19/2009 1:33	N
	091201L02	NA	OA23	SE	OA2301200913-15	0911173929		11/19/2009 12:00	12/19/2009 1:56	N
	091201L02	NA	OA23	SE	OA2301200913-15	0911173929		11/19/2009 12:00	12/19/2009 1:56	N
	091201L02	NA	OA23	SE	OA2301200917-19	0911173930		11/19/2009 12:00	12/19/2009 2:20	N
	091201L02	NA	OA23	SE	OA2301200917-19	0911173930		11/19/2009 12:00	12/19/2009 2:20	N
	091201L02	NA	OA23	SE	OA2301200921-23	0911173931		11/19/2009 12:00	12/19/2009 2:43	N

AUTOMATED DATA REVIEW SUMMARY for 09111739

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S02	091201L02	NA	OA23	SE	OA2301200921-23	0911173931		11/19/2009 12:00	12/19/2009 2:43	N
	091201L02	NA	OA23	SE	OA2301200925-27	0911173932		11/19/2009 12:00	12/19/2009 3:07	N
	091201L02	NA	OA23	SE	OA2301200925-27	0911173932		11/19/2009 12:00	12/19/2009 3:07	N
	091201L02	NA	OA23	SE	OA2301200933-35	0911173934		11/19/2009 12:00	12/19/2009 3:30	N
	091201L02	NA	OA23	SE	OA2301200933-35	0911173934		11/19/2009 12:00	12/19/2009 3:30	N
	091201L02	NA	OA23	SE	OA2301200937-39	0911173935		11/19/2009 12:00	12/19/2009 3:54	N
	091201L02	NA	OA23	SE	OA2301200937-39	0911173935		11/19/2009 12:00	12/19/2009 3:54	N
091201S03	091201L03	NA	OA23	SE	OA2301200941-43	0911173936		11/19/2009 12:00	12/19/2009 4:17	N
	091201L03	NA	OA23	SE	OA2301200941-43	0911173936		11/19/2009 12:00	12/19/2009 4:17	N
	091201L03	NA	OA23	SE	OA2301200945-47	0911173937		11/19/2009 12:00	12/19/2009 4:41	N
	091201L03	NA	OA23	SE	OA2301200945-47	0911173937		11/19/2009 12:00	12/19/2009 4:41	N
	091201L03	NA	OA23	SE	OA2301200949-51	0911173938		11/19/2009 12:00	12/19/2009 5:05	N
	091201L03	NA	OA23	SE	OA2301200949-51	0911173938		11/19/2009 12:00	12/19/2009 5:05	N
091201S02	091201L02	NA	OA23	SE	OA2301200901	091117391		11/19/2009 12:00	12/19/2009 12:46	N
	091201L02	NA	OA23	SE	OA2301200903	091117392		11/19/2009 12:00	12/19/2009 1:10	N
	091201L02	NA	OA23	SE	OA2301200907	091117394		11/19/2009 12:00	12/19/2009 1:34	N
	091201L02	NA	OA23	SE	OA2301200909-11	0911173928		11/19/2009 12:00	12/19/2009 1:57	N
	091201L02	NA	OA23	SE	OA2301200913-15	0911173929		11/19/2009 12:00	12/19/2009 2:21	N
	091201L02	NA	OA23	SE	OA2301200917-19	0911173930		11/19/2009 12:00	12/19/2009 2:44	N
	091201L02	NA	OA23	SE	OA2301200921-23	0911173931		11/19/2009 12:00	12/19/2009 3:08	N
	091201L02	NA	OA23	SE	OA2301200925-27	0911173932		11/19/2009 12:00	12/19/2009 3:31	N
	091201L02	NA	OA23	SE	OA2301200929-31	0911173933		11/19/2009 12:00	12/19/2009 3:55	N
	091201L02	NA	OA23	SE	OA2301200933-35	0911173934		11/19/2009 12:00	12/19/2009 7:25	N
	091201L02	NA	OA23	SE	OA2301200937-39	0911173935		11/19/2009 12:00	12/19/2009 7:49	N
091201S03	091201L03	NA	OA23	SE	OA2301200941-43	0911173936		11/19/2009 12:00	12/19/2009 8:12	N

AUTOMATED DATA REVIEW SUMMARY for 09111739

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91124MOID5	NA	NA	OA23	SE	OA2301200953	0911173927		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200949-51	0911173938		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200945-47	0911173937		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200941-43	0911173936		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200937-39	0911173935		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200933-35	0911173934		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200929-31	0911173933		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200925-27	0911173932		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200921-23	0911173931		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200917-19	0911173930		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200913-15	0911173929		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200909-11	0911173928		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200909-11	0911173928		11/19/2009 12:00	11/24/2009 5:30	LR
91124MOIB5	NA	NA	LABQC	SQ	LABQC	099050141595		11/24/2009 5:30	11/24/2009 5:30	LB
91124MOID5	NA	NA	OA23	SE	OA2301200907	091117394		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200905	091117393		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200903	091117392		11/19/2009 12:00	11/24/2009 5:30	N
	NA	NA	OA23	SE	OA2301200901	091117391		11/19/2009 12:00	11/24/2009 5:30	N

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L06	091201L06	NA	LABQC	SQ	LABQC	0991301757		12/01/2009 12:00	12/16/2009 2:10	LB
	091201L06	NA	LABQC	SQ	LABQC	0991301757		12/01/2009 12:00	12/16/2009 2:39	BS
	091201L06	NA	LABQC	SQ	LABQC	0991301757		12/01/2009 12:00	12/16/2009 3:09	BD
091201S06	091201L06	NA	OA23	SE	OA2301200921-23	0911173931		11/19/2009 12:00	12/16/2009 3:37	N
	091201L06	NA	OA23	SE	OA2301200921-23	0911173931		11/19/2009 12:00	12/16/2009 3:37	N
	091201L06	NA	OA23	SE	OA2301200925-27	0911173932		11/19/2009 12:00	12/16/2009 4:06	N

AUTOMATED DATA REVIEW SUMMARY for 09111739

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S06	091201L06	NA	OA23	SE	OA2301200925-27	0911173932		11/19/2009 12:00	12/16/2009 4:06	N
	091201L06	NA	OA23	SE	OA2301200929-31	0911173933		11/19/2009 12:00	12/16/2009 4:36	N
	091201L06	NA	OA23	SE	OA2301200929-31	0911173933		11/19/2009 12:00	12/16/2009 4:36	N
	091201L06	NA	OA23	SE	OA2301200933-35	0911173934		11/19/2009 12:00	12/16/2009 5:04	N
	091201L06	NA	OA23	SE	OA2301200933-35	0911173934		11/19/2009 12:00	12/16/2009 5:04	N
	091201L06	NA	OA23	SE	OA2301200937-39	0911173935		11/19/2009 12:00	12/16/2009 5:33	N
	091201L06	NA	OA23	SE	OA2301200937-39	0911173935		11/19/2009 12:00	12/16/2009 5:33	N
091201S07	091201L07	NA	OA23	SE	OA2301200949-51	0911173938		11/19/2009 12:00	12/16/2009 8:27	N
	091201L07	NA	OA23	SE	OA2301200949-51	0911173938		11/19/2009 12:00	12/16/2009 8:27	N
091201S06	091201L06	NA	OA23	SE	OA2301200933-35	0911173934		11/19/2009 12:00	12/16/2009 8:56	MS
	091201L06	NA	OA23	SE	OA2301200933-35	0911173934		11/19/2009 12:00	12/16/2009 9:25	SD
091201S07	091201L07	NA	OA23	SE	OA2301200941-43	0911173936		11/19/2009 12:00	12/17/2009 5:43	N
	091201L07	NA	OA23	SE	OA2301200941-43	0911173936		11/19/2009 12:00	12/17/2009 5:43	N
	091201L07	NA	OA23	SE	OA2301200945-47	0911173937		11/19/2009 12:00	12/17/2009 6:13	N
	091201L07	NA	OA23	SE	OA2301200945-47	0911173937		11/19/2009 12:00	12/17/2009 6:13	N
091201L07	091201L07	NA	LABQC	SQ	LABQC	0991301758		12/01/2009 12:00	12/17/2009 5:17	LB
	091201L07	NA	LABQC	SQ	LABQC	0991301758		12/01/2009 12:00	12/17/2009 5:46	BS
	091201L07	NA	LABQC	SQ	LABQC	0991301758		12/01/2009 12:00	12/17/2009 6:15	BD
091201S06	091201L06	NA	OA23	SE	OA2301200901	091117391		11/19/2009 12:00	12/18/2009 9:47	N
	091201L06	NA	OA23	SE	OA2301200901	091117391		11/19/2009 12:00	12/18/2009 9:47	N
	091201L06	NA	OA23	SE	OA2301200903	091117392		11/19/2009 12:00	12/18/2009 10:16	N
	091201L06	NA	OA23	SE	OA2301200903	091117392		11/19/2009 12:00	12/18/2009 10:16	N
	091201L06	NA	OA23	SE	OA2301200905	091117393		11/19/2009 12:00	12/18/2009 10:45	N
	091201L06	NA	OA23	SE	OA2301200905	091117393		11/19/2009 12:00	12/18/2009 10:45	N
	091201L06	NA	OA23	SE	OA2301200907	091117394		11/19/2009 12:00	12/18/2009 11:14	N
	091201L06	NA	OA23	SE	OA2301200907	091117394		11/19/2009 12:00	12/18/2009 11:14	N
	091201L06	NA	OA23	SE	OA2301200953	0911173927		11/19/2009 12:00	12/18/2009 11:43	N
	091201L06	NA	OA23	SE	OA2301200953	0911173927		11/19/2009 12:00	12/18/2009 11:43	N

AUTOMATED DATA REVIEW SUMMARY for 09111739

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S06	091201L06	NA	OA23	SE	OA2301200909-11	0911173928		11/19/2009 12:00	12/19/2009 12:13	N
	091201L06	NA	OA23	SE	OA2301200909-11	0911173928		11/19/2009 12:00	12/19/2009 12:13	N
	091201L06	NA	OA23	SE	OA2301200913-15	0911173929		11/19/2009 12:00	12/19/2009 12:43	N
	091201L06	NA	OA23	SE	OA2301200913-15	0911173929		11/19/2009 12:00	12/19/2009 12:43	N
	091201L06	NA	OA23	SE	OA2301200917-19	0911173930		11/19/2009 12:00	12/19/2009 1:12	N
	091201L06	NA	OA23	SE	OA2301200917-19	0911173930		11/19/2009 12:00	12/19/2009 1:12	N

AUTOMATED DATA REVIEW SUMMARY for 09111739

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91215TOCS1	NA	NA	OA23	SE	OA2301200917-19	0911173930		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200913-15	0911173929		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200909-11	0911173928		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200929-31	0911173933		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200925-27	0911173932		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200921-23	0911173931		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200907	091117394		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200905	091117393		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200903	091117392		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200901	091117391		11/19/2009 12:00	12/15/2009 4:49	N
91215TOCL1	NA	NA	LABQC	SQ	LABQC	09906013433		12/15/2009 4:49	12/15/2009 4:49	BS
	NA	NA	LABQC	SQ	LABQC	09906013433		12/15/2009 4:49	12/15/2009 4:49	LB
91215TOCS1	NA	NA	OA23	SE	OA2301200953	0911173927		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200945-47	0911173937		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200949-51	0911173938		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200941-43	0911173936		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200937-39	0911173935		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA23	SE	OA2301200933-35	0911173934		11/19/2009 12:00	12/15/2009 4:49	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA2301200929-31 / MS	1	1,1-bis(p-chlorophenyl) ethane	153	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / SD	1	1,1-bis(p-chlorophenyl) ethane	140	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / MS	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	286	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	283	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / MS	1	o,p'-DDD	168	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / SD	1	o,p'-DDD	169	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / MS	1	o,p'-DDE	175	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / SD	1	o,p'-DDE	168	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / MS	1	o,p'-DDT	177	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / MS	1	p,p'-DDD	182	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / SD	1	p,p'-DDD	189	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / MS	1	p,p'-DDE	390	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / SD	1	p,p'-DDE	408	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2301200929-31 / MS	1	p,p'-DDT	228	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA2301200929-31 / SD	1	o,p'-DDT	69.2	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA2301200929-31 / SD	1	p,p'-DDT	113	RPD	J/UJ	< 30	< 60	D2	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.1	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.1	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	PCB-138/158	9.1	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	PCB-138/158	7.8	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,4,4'-TRICHLOROBIPHENYL	7.4	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.4	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.4	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.4	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.4	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.5	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.5	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.7	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.7	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,4'-DICHLOROBIPHENYL	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.7	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,3,4,4',5-Pentachlorobiphenyl	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	2,3,4,4',5-Pentachlorobiphenyl	7.8	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.8	7.6 J	7.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.5	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.5	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.5	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.5	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.2	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',5-TRICHLOROBIPHENYL	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.2	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	3.8 J	3.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',5-TRICHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',5-TRICHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	3.7 J	3.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200949-51	N	2,3',4,4',5-Pentachlorobiphenyl	7.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	3.8 J	3.8 J	ug/kg	TR
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
BNASIM/NONE	SE	OA2301200901	N	o,p'-DDT	9.1	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200909-11	N	o,p'-DDT	7.4	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200913-15	N	o,p'-DDT	7.5	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200913-15	N	p,p'-DDT	7.5	5.2 J	5.2 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200925-27	N	o,p'-DDT	7.8	6.7 J	6.7 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200929-31	N	o,p'-DDD	7.5	64.0	64.0 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	p,p'-DDD	7.5	190	190 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	o,p'-DDE	7.5	580	580 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	p,p'-DDE	75.0	2500 D	2500 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	75.0	1000 D	1000 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.5	150	150 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	o,p'-DDT	7.5	7.5 U	7.5 UJ	ug/kg	D2
BNASIM/NONE	SE	OA2301200929-31	N	p,p'-DDT	7.5	44.0	44.0 J	ug/kg	MD2
BNASIM/NONE	SE	OA2301200953	N	o,p'-DDD	6.9	4.3 J	4.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2301200901	N	o,p'-DDD	9.1	29.0	29.0	ug/kg	
BNASIM/NONE	SE	OA2301200901	N	p,p'-DDD	9.1	83.0	83.0	ug/kg	
BNASIM/NONE	SE	OA2301200901	N	o,p'-DDE	9.1	170	170	ug/kg	
BNASIM/NONE	SE	OA2301200901	N	p,p'-DDE	46.0	950 D	950	ug/kg	
BNASIM/NONE	SE	OA2301200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.1	250	250	ug/kg	
BNASIM/NONE	SE	OA2301200901	N	1,1-bis(p-chlorophenyl)ethane	9.1	49.0	49.0	ug/kg	
BNASIM/NONE	SE	OA2301200901	N	o,p'-DDT	9.1	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200903	N	o,p'-DDD	7.8	23.0	23.0	ug/kg	
BNASIM/NONE	SE	OA2301200903	N	p,p'-DDD	7.8	110	110	ug/kg	
BNASIM/NONE	SE	OA2301200903	N	o,p'-DDE	7.8	160	160	ug/kg	
BNASIM/NONE	SE	OA2301200903	N	p,p'-DDE	39.0	780 D	780	ug/kg	
BNASIM/NONE	SE	OA2301200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	220	220	ug/kg	
BNASIM/NONE	SE	OA2301200903	N	1,1-bis(p-chlorophenyl)ethane	7.8	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA2301200905	N	o,p'-DDD	7.5	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA2301200905	N	p,p'-DDD	7.5	140	140	ug/kg	
BNASIM/NONE	SE	OA2301200905	N	o,p'-DDE	7.5	100	100	ug/kg	
BNASIM/NONE	SE	OA2301200905	N	p,p'-DDE	7.5	610	610	ug/kg	
BNASIM/NONE	SE	OA2301200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	140	140	ug/kg	
BNASIM/NONE	SE	OA2301200905	N	1,1-bis(p-chlorophenyl)ethane	7.5	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA2301200907	N	o,p'-DDD	7.4	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA2301200907	N	p,p'-DDD	7.4	130	130	ug/kg	
BNASIM/NONE	SE	OA2301200907	N	o,p'-DDE	7.4	230	230	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2301200907	N	p,p'-DDE	37.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA2301200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	310	310	ug/kg	
BNASIM/NONE	SE	OA2301200907	N	1,1-bis(p-chlorophenyl)ethane	7.4	53.0	53.0	ug/kg	
BNASIM/NONE	SE	OA2301200909-11	N	o,p'-DDD	7.4	35.0	35.0	ug/kg	
BNASIM/NONE	SE	OA2301200909-11	N	p,p'-DDD	7.4	120	120	ug/kg	
BNASIM/NONE	SE	OA2301200909-11	N	o,p'-DDE	7.4	260	260	ug/kg	
BNASIM/NONE	SE	OA2301200909-11	N	p,p'-DDE	37.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA2301200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	350	350	ug/kg	
BNASIM/NONE	SE	OA2301200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.4	75.0	75.0	ug/kg	
BNASIM/NONE	SE	OA2301200909-11	N	o,p'-DDT	7.4	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200913-15	N	o,p'-DDD	7.5	49.0	49.0	ug/kg	
BNASIM/NONE	SE	OA2301200913-15	N	p,p'-DDD	7.5	240	240	ug/kg	
BNASIM/NONE	SE	OA2301200913-15	N	o,p'-DDE	7.5	350	350	ug/kg	
BNASIM/NONE	SE	OA2301200913-15	N	p,p'-DDE	75.0	1700 D	1700	ug/kg	
BNASIM/NONE	SE	OA2301200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	420	420	ug/kg	
BNASIM/NONE	SE	OA2301200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.5	97.0	97.0	ug/kg	
BNASIM/NONE	SE	OA2301200913-15	N	o,p'-DDT	7.5	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200913-15	N	p,p'-DDT	7.5	5.2 J	5.2 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200917-19	N	o,p'-DDD	7.7	57.0	57.0	ug/kg	
BNASIM/NONE	SE	OA2301200917-19	N	p,p'-DDD	7.7	140	140	ug/kg	
BNASIM/NONE	SE	OA2301200917-19	N	o,p'-DDE	7.7	380	380	ug/kg	
BNASIM/NONE	SE	OA2301200917-19	N	p,p'-DDE	77.0	1600 D	1600	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2301200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	560	560	ug/kg	
BNASIM/NONE	SE	OA2301200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.7	110	110	ug/kg	
BNASIM/NONE	SE	OA2301200921-23	N	o,p'-DDD	7.7	86.0	86.0	ug/kg	
BNASIM/NONE	SE	OA2301200921-23	N	p,p'-DDD	7.7	350	350	ug/kg	
BNASIM/NONE	SE	OA2301200921-23	N	o,p'-DDE	7.7	740	740	ug/kg	
BNASIM/NONE	SE	OA2301200921-23	N	p,p'-DDE	77.0	2800 D	2800	ug/kg	
BNASIM/NONE	SE	OA2301200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	77.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA2301200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.7	190	190	ug/kg	
BNASIM/NONE	SE	OA2301200921-23	N	o,p'-DDT	7.7	13.0	13.0	ug/kg	
BNASIM/NONE	SE	OA2301200925-27	N	o,p'-DDD	7.8	98.0	98.0	ug/kg	
BNASIM/NONE	SE	OA2301200925-27	N	p,p'-DDD	7.8	250	250	ug/kg	
BNASIM/NONE	SE	OA2301200925-27	N	o,p'-DDE	78.0	760 D	760	ug/kg	
BNASIM/NONE	SE	OA2301200925-27	N	p,p'-DDE	78.0	3300 D	3300	ug/kg	
BNASIM/NONE	SE	OA2301200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	78.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	OA2301200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.8	180	180	ug/kg	
BNASIM/NONE	SE	OA2301200925-27	N	o,p'-DDT	7.8	6.7 J	6.7 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200929-31	N	o,p'-DDD	7.5	64.0	64.0 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	p,p'-DDD	7.5	190	190 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	o,p'-DDE	7.5	580	580 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	p,p'-DDE	75.0	2500 D	2500 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	75.0	1000 D	1000 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.5	150	150 J	ug/kg	M

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2301200929-31	N	p,p'-DDT	7.5	44.0	44.0 J	ug/kg	MD2
BNASIM/NONE	SE	OA2301200933-35	N	o,p'-DDD	7.2	33.0	33.0	ug/kg	
BNASIM/NONE	SE	OA2301200933-35	N	p,p'-DDD	7.2	73.0	73.0	ug/kg	
BNASIM/NONE	SE	OA2301200933-35	N	o,p'-DDE	7.2	310	310	ug/kg	
BNASIM/NONE	SE	OA2301200933-35	N	p,p'-DDE	72.0	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA2301200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	690	690	ug/kg	
BNASIM/NONE	SE	OA2301200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.2	90.0	90.0	ug/kg	
BNASIM/NONE	SE	OA2301200937-39	N	o,p'-DDD	7.3	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA2301200937-39	N	p,p'-DDD	7.3	81.0	81.0	ug/kg	
BNASIM/NONE	SE	OA2301200937-39	N	o,p'-DDE	7.3	280	280	ug/kg	
BNASIM/NONE	SE	OA2301200937-39	N	p,p'-DDE	37.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	OA2301200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	580	580	ug/kg	
BNASIM/NONE	SE	OA2301200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.3	83.0	83.0	ug/kg	
BNASIM/NONE	SE	OA2301200941-43	N	o,p'-DDD	7.3	25.0	25.0	ug/kg	
BNASIM/NONE	SE	OA2301200941-43	N	p,p'-DDD	7.3	53.0	53.0	ug/kg	
BNASIM/NONE	SE	OA2301200941-43	N	o,p'-DDE	7.3	220	220	ug/kg	
BNASIM/NONE	SE	OA2301200941-43	N	p,p'-DDE	36.0	1000 D	1000	ug/kg	
BNASIM/NONE	SE	OA2301200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	370	370	ug/kg	
BNASIM/NONE	SE	OA2301200941-43	N	1,1-bis(p-chlorophenyl)ethane	7.3	56.0	56.0	ug/kg	
BNASIM/NONE	SE	OA2301200945-47	N	o,p'-DDD	7.1	9.1	9.1	ug/kg	
BNASIM/NONE	SE	OA2301200945-47	N	p,p'-DDD	7.1	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA2301200945-47	N	o,p'-DDE	7.1	110	110	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2301200945-47	N	p,p'-DDE	7.1	490	490	ug/kg	
BNASIM/NONE	SE	OA2301200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	210	210	ug/kg	
BNASIM/NONE	SE	OA2301200945-47	N	1,1-bis(p-chlorophenyl)ethane	7.1	34.0	34.0	ug/kg	
BNASIM/NONE	SE	OA2301200949-51	N	o,p'-DDD	7.0	8.1	8.1	ug/kg	
BNASIM/NONE	SE	OA2301200949-51	N	p,p'-DDD	7.0	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA2301200949-51	N	o,p'-DDE	7.0	90.0	90.0	ug/kg	
BNASIM/NONE	SE	OA2301200949-51	N	p,p'-DDE	7.0	350	350	ug/kg	
BNASIM/NONE	SE	OA2301200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	210	210	ug/kg	
BNASIM/NONE	SE	OA2301200949-51	N	1,1-bis(p-chlorophenyl)ethane	7.0	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA2301200953	N	o,p'-DDD	6.9	4.3 J	4.3 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200953	N	p,p'-DDD	6.9	9.5	9.5	ug/kg	
BNASIM/NONE	SE	OA2301200953	N	o,p'-DDE	6.9	24.0	24.0	ug/kg	
BNASIM/NONE	SE	OA2301200953	N	p,p'-DDE	6.9	150	150	ug/kg	
BNASIM/NONE	SE	OA2301200953	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	45.0	45.0	ug/kg	
BNASIM/NONE	SE	OA2301200953	N	1,1-bis(p-chlorophenyl)ethane	6.9	9.2	9.2	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.1	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.1	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	PCB-138/158	9.1	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.1	9.2	9.2	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	PCB-138/158	7.8	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2301200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	4.4 J	4.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA2301200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	OA2301200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	PCB-138/158	7.4	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	OA2301200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2301200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	7.5	7.5	ug/kg	
PCBSIM/NONE	SE	OA2301200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	8.1	8.1	ug/kg	
PCBSIM/NONE	SE	OA2301200907	N	2,4,4'-TRICHLOROBIPHENYL	7.4	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.4	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.4	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2301200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2301200909-11	N	PCB-138/158	7.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2301200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.4	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2301200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	7.2 J	7.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	8.1	8.1	ug/kg	
PCBSIM/NONE	SE	OA2301200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.4	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2301200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2301200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	PCB-138/158	7.5	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2301200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.5	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA2301200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	OA2301200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2301200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2301200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.5	5.7 J	5.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.7	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2301200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2301200917-19	N	PCB-138/158	7.7	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2301200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA2301200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2301200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2301200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.7	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,4'-DICHLOROBIPHENYL	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.7	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	8.6	8.6	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,3,4,4',5-Pentachlorobiphenyl	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	58.0	58.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	PCB-138/158	7.7	53.0	53.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	54.0	54.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.7	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.7	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2301200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.7	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	21.0	21.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	2,3,4,4',5-Pentachlorobiphenyl	7.8	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	52.0	52.0	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	PCB-138/158	7.8	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.8	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	37.0	37.0	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	2,2',5-TRICHLOROBIPHENYL	7.8	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA2301200925-27	N	2,4,4'-TRICHLOROBIPHENYL	7.8	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	7.6	7.6	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	7.5 J	7.5	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.5	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	PCB-138/158	7.5	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.5	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.5	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.5	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',5-TRICHLOROBIPHENYL	7.5	8.1	8.1	ug/kg	
PCBSIM/NONE	SE	OA2301200929-31	N	2,4,4'-TRICHLOROBIPHENYL	7.5	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.2	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2301200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2301200933-35	N	PCB-138/158	7.2	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2301200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA2301200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2301200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',5-TRICHLOROBIPHENYL	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.2	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2301200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2301200937-39	N	PCB-138/158	7.3	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2301200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2301200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	9.6	9.6	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2301200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2301200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',5-TRICHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2301200941-43	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2301200941-43	N	PCB-138/158	7.3	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2301200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	OA2301200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2301200941-43	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',5-TRICHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	2.9 J	2.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,3',4,4',5-Pentachlorobiphenyl	7.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	3.8 J	3.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA2301200901	N	Moisture	0.10	45.1	45.1	PERCENT	
D2216/NONE	SE	OA2301200903	N	Moisture	0.10	36.3	36.3	PERCENT	
D2216/NONE	SE	OA2301200905	N	Moisture	0.10	33.2	33.2	PERCENT	
D2216/NONE	SE	OA2301200907	N	Moisture	0.10	32.5	32.5	PERCENT	
D2216/NONE	SE	OA2301200909-11	N	Moisture	0.10	32.3	32.3	PERCENT	
D2216/NONE	SE	OA2301200913-15	N	Moisture	0.10	33.5	33.5	PERCENT	
D2216/NONE	SE	OA2301200917-19	N	Moisture	0.10	35.3	35.3	PERCENT	
D2216/NONE	SE	OA2301200921-23	N	Moisture	0.10	35.0	35.0	PERCENT	
D2216/NONE	SE	OA2301200925-27	N	Moisture	0.10	36.0	36.0	PERCENT	
D2216/NONE	SE	OA2301200929-31	N	Moisture	0.10	33.6	33.6	PERCENT	
D2216/NONE	SE	OA2301200933-35	N	Moisture	0.10	31.0	31.0	PERCENT	
D2216/NONE	SE	OA2301200937-39	N	Moisture	0.10	31.8	31.8	PERCENT	
D2216/NONE	SE	OA2301200941-43	N	Moisture	0.10	31.3	31.3	PERCENT	
D2216/NONE	SE	OA2301200945-47	N	Moisture	0.10	29.8	29.8	PERCENT	
D2216/NONE	SE	OA2301200949-51	N	Moisture	0.10	28.1	28.1	PERCENT	
D2216/NONE	SE	OA2301200953	N	Moisture	0.10	27.7	27.7	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA2301200901	N	Total Organic Carbon	0.091	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA2301200903	N	Total Organic Carbon	0.078	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA2301200905	N	Total Organic Carbon	0.075	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA2301200907	N	Total Organic Carbon	0.074	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA2301200909-11	N	Total Organic Carbon	0.074	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA2301200913-15	N	Total Organic Carbon	0.075	3.4	3.4	PERCENT	
SW9060/NONE	SE	OA2301200917-19	N	Total Organic Carbon	0.077	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA2301200921-23	N	Total Organic Carbon	0.077	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA2301200925-27	N	Total Organic Carbon	0.078	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA2301200929-31	N	Total Organic Carbon	0.075	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA2301200933-35	N	Total Organic Carbon	0.072	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA2301200937-39	N	Total Organic Carbon	0.073	1.5	1.5	PERCENT	
SW9060/NONE	SE	OA2301200941-43	N	Total Organic Carbon	0.073	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA2301200945-47	N	Total Organic Carbon	0.071	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA2301200949-51	N	Total Organic Carbon	0.070	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA2301200953	N	Total Organic Carbon	0.069	0.97	0.97	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111740

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

2. **PCB Congeners by PCB-SIM**
   An MS was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111740

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111740, Certified - 2/2/2010 M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Evin McKinney
Data Reviewer Title:	Senior Scientist
Date of Review Report:	11-Feb-2010

Samples Included in SDG 09111740

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	7	0
D2216/NONE	7	0
PCBSIM/NONE	7	0
SW9060/NONE	7	0

AUTOMATED DATA REVIEW SUMMARY for 09111740

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111740. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

Prep Hold Time

MS Recovery

BS RPD

LCS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111740

Confirmation Column Difference

Field Blank

Negative Blank

Calibration Blank

Equip Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 09111740

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.00% (0 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

11-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111740

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L04	091201L04	NA	LABQC	SQ	LABQC	0991301325		12/01/2009 12:00	12/19/2009 10:48	LB
	091201L04	NA	LABQC	SQ	LABQC	0991301325		12/01/2009 12:00	12/19/2009 11:12	BS
	091201L04	NA	LABQC	SQ	LABQC	0991301325		12/01/2009 12:00	12/19/2009 11:36	BD
091201S04	091201L04	NA	OA24	SE	OA2401200901	091117401		11/19/2009 12:00	12/20/2009 2:53	N
	091201L04	NA	OA24	SE	OA2401200901	091117401		11/19/2009 12:00	12/20/2009 2:53	N
	091201L04	NA	OA24	SE	OA2401200903	091117402		11/19/2009 12:00	12/20/2009 3:17	N
	091201L04	NA	OA24	SE	OA2401200903	091117402		11/19/2009 12:00	12/20/2009 3:17	N
	091201L04	NA	OA24	SE	OA2401200905	091117403		11/19/2009 12:00	12/20/2009 3:40	N
	091201L04	NA	OA24	SE	OA2401200905	091117403		11/19/2009 12:00	12/20/2009 3:40	N
	091201L04	NA	OA24	SE	OA2401200907	091117404		11/19/2009 12:00	12/20/2009 4:04	N
	091201L04	NA	OA24	SE	OA2401200907	091117404		11/19/2009 12:00	12/20/2009 4:04	N
	091201L04	NA	OA24	SE	OA2401200917	091117409		11/19/2009 12:00	12/20/2009 4:27	N
	091201L04	NA	OA24	SE	OA2401200917	091117409		11/19/2009 12:00	12/20/2009 4:27	N
	091201L04	NA	OA24	SE	OA2401200909-11	0911174010		11/19/2009 12:00	12/20/2009 4:51	N
	091201L04	NA	OA24	SE	OA2401200909-11	0911174010		11/19/2009 12:00	12/20/2009 4:51	N
	091201L04	NA	OA24	SE	OA2401200913-15	0911174011		11/19/2009 12:00	12/20/2009 5:15	N
	091201L04	NA	OA24	SE	OA2401200913-15	0911174011		11/19/2009 12:00	12/20/2009 5:15	N
	091201L04	NA	OA24	SE	OA2401200901	091117401		11/19/2009 12:00	12/20/2009 2:11	N
	091201L04	NA	OA24	SE	OA2401200903	091117402		11/19/2009 12:00	12/20/2009 2:34	N
	091201L04	NA	OA24	SE	OA2401200905	091117403		11/19/2009 12:00	12/20/2009 2:58	N
	091201L04	NA	OA24	SE	OA2401200907	091117404		11/19/2009 12:00	12/20/2009 3:21	N
	091201L04	NA	OA24	SE	OA2401200917	091117409		11/19/2009 12:00	12/20/2009 3:45	N
	091201L04	NA	OA24	SE	OA2401200909-11	0911174010		11/19/2009 12:00	12/20/2009 4:09	N
	091201L04	NA	OA24	SE	OA2401200913-15	0911174011		11/19/2009 12:00	12/20/2009 4:32	N

AUTOMATED DATA REVIEW SUMMARY for 09111740

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91124MOID4	NA	NA	OA24	SE	OA2401200917	091117409		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA24	SE	OA2401200913-15	0911174011		11/19/2009 12:00	11/24/2009 4:00	LR
	NA	NA	OA24	SE	OA2401200913-15	0911174011		11/19/2009 12:00	11/24/2009 4:00	N
91124MOIB4	NA	NA	LABQC	SQ	LABQC	099050141607		11/24/2009 4:00	11/24/2009 4:00	LB
91124MOID4	NA	NA	OA24	SE	OA2401200905	091117403		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA24	SE	OA2401200909-11	0911174010		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA24	SE	OA2401200907	091117404		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA24	SE	OA2401200903	091117402		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA24	SE	OA2401200901	091117401		11/19/2009 12:00	11/24/2009 4:00	N

AUTOMATED DATA REVIEW SUMMARY for 09111740

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L08	091201L08	NA	LABQC	SQ	LABQC	0991301759		12/01/2009 12:00	12/16/2009 6:59	LB
	091201L08	NA	LABQC	SQ	LABQC	0991301759		12/01/2009 12:00	12/16/2009 7:27	BS
	091201L08	NA	LABQC	SQ	LABQC	0991301759		12/01/2009 12:00	12/16/2009 7:57	BD
091201S08	091201L08	NA	OA24	SE	OA2401200901	091117401		11/19/2009 12:00	12/16/2009 9:55	N
	091201L08	NA	OA24	SE	OA2401200901	091117401		11/19/2009 12:00	12/16/2009 9:55	N
	091201L08	NA	OA24	SE	OA2401200903	091117402		11/19/2009 12:00	12/16/2009 10:24	N
	091201L08	NA	OA24	SE	OA2401200903	091117402		11/19/2009 12:00	12/16/2009 10:24	N
	091201L08	NA	OA24	SE	OA2401200905	091117403		11/19/2009 12:00	12/16/2009 10:54	N
	091201L08	NA	OA24	SE	OA2401200905	091117403		11/19/2009 12:00	12/16/2009 10:54	N
	091201L08	NA	OA24	SE	OA2401200907	091117404		11/19/2009 12:00	12/16/2009 11:24	N
	091201L08	NA	OA24	SE	OA2401200907	091117404		11/19/2009 12:00	12/16/2009 11:24	N
	091201L08	NA	OA24	SE	OA2401200917	091117409		11/19/2009 12:00	12/16/2009 11:53	N
	091201L08	NA	OA24	SE	OA2401200917	091117409		11/19/2009 12:00	12/16/2009 11:53	N
	091201L08	NA	OA24	SE	OA2401200909-11	0911174010		11/19/2009 12:00	12/17/2009 12:21	N
	091201L08	NA	OA24	SE	OA2401200909-11	0911174010		11/19/2009 12:00	12/17/2009 12:21	N
	091201L08	NA	OA24	SE	OA2401200913-15	0911174011		11/19/2009 12:00	12/17/2009 12:51	N
	091201L08	NA	OA24	SE	OA2401200913-15	0911174011		11/19/2009 12:00	12/17/2009 12:51	N

AUTOMATED DATA REVIEW SUMMARY for 09111740

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91215TOCS1	NA	NA	OA24	SE	OA2401200907	091117404		11/19/2009 12:00	12/15/2009 4:49	SD
	NA	NA	OA24	SE	OA2401200907	091117404		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA24	SE	OA2401200905	091117403		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA24	SE	OA2401200907	091117404		11/19/2009 12:00	12/15/2009 4:49	MS
	NA	NA	OA24	SE	OA2401200903	091117402		11/19/2009 12:00	12/15/2009 4:49	N
	NA	NA	OA24	SE	OA2401200901	091117401		11/19/2009 12:00	12/15/2009 4:49	N
91215TOCL1	NA	NA	LABQC	SQ	LABQC	09906013433		12/15/2009 4:49	12/15/2009 4:49	BS
	NA	NA	LABQC	SQ	LABQC	09906013433		12/15/2009 4:49	12/15/2009 4:49	LB
91222TOCL1	NA	NA	LABQC	SQ	LABQC	09906013438		12/22/2009 4:26	12/22/2009 4:26	BS
	NA	NA	LABQC	SQ	LABQC	09906013438		12/22/2009 4:26	12/22/2009 4:26	LB
91222TOCS1	NA	NA	OA24	SE	OA2401200909-11	0911174010		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	OA24	SE	OA2401200913-15	0911174011		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	OA24	SE	OA2401200917	091117409		11/19/2009 12:00	12/22/2009 4:26	N

AUTOMATED DATA REVIEW SUMMARY for 09111740

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2401200901	N	o,p'-DDT	8.2	6.3 J	6.3 J	ug/kg	TR
BNASIM/NONE	SE	OA2401200903	N	o,p'-DDT	7.6	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	OA2401200905	N	o,p'-DDT	7.6	5.7 J	5.7 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,4,4'-TRICHLOROBIPHENYL	8.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,2',5-TRICHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,4,4'-TRICHLOROBIPHENYL	7.6	4.7 J	4.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2401200905	N	2,4'-DICHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.6	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200907	N	2,4'-DICHLOROBIPHENYL	7.8	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200907	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.8	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200907	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200907	N	2,3,4,4',5-Pentachlorobiphenyl	7.8	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200907	N	2,2',5-TRICHLOROBIPHENYL	7.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200909-11	N	2,4'-DICHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200909-11	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200909-11	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.9	2.0 J	2.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.9	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	6.9	3.4 J	3.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.9	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.9	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200913-15	N	2,4,4'-TRICHLOROBIPHENYL	6.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.0	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,4,4'-TRICHLOROBIPHENYL	7.0	2.9 J	2.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2401200901	N	o,p'-DDD	8.2	22.0	22.0	ug/kg	
BNASIM/NONE	SE	OA2401200901	N	p,p'-DDD	8.2	50.0	50.0	ug/kg	
BNASIM/NONE	SE	OA2401200901	N	o,p'-DDE	8.2	220	220	ug/kg	
BNASIM/NONE	SE	OA2401200901	N	p,p'-DDE	41.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	OA2401200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	350	350	ug/kg	
BNASIM/NONE	SE	OA2401200901	N	1,1-bis(p-chlorophenyl)ethane	8.2	65.0	65.0	ug/kg	
BNASIM/NONE	SE	OA2401200901	N	o,p'-DDT	8.2	6.3 J	6.3 J	ug/kg	TR
BNASIM/NONE	SE	OA2401200903	N	o,p'-DDD	7.6	34.0	34.0	ug/kg	
BNASIM/NONE	SE	OA2401200903	N	p,p'-DDD	7.6	64.0	64.0	ug/kg	
BNASIM/NONE	SE	OA2401200903	N	o,p'-DDE	7.6	260	260	ug/kg	
BNASIM/NONE	SE	OA2401200903	N	p,p'-DDE	76.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA2401200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	340	340	ug/kg	
BNASIM/NONE	SE	OA2401200903	N	1,1-bis(p-chlorophenyl)ethane	7.6	62.0	62.0	ug/kg	
BNASIM/NONE	SE	OA2401200903	N	o,p'-DDT	7.6	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	OA2401200905	N	o,p'-DDD	7.6	65.0	65.0	ug/kg	
BNASIM/NONE	SE	OA2401200905	N	p,p'-DDD	7.6	130	130	ug/kg	
BNASIM/NONE	SE	OA2401200905	N	o,p'-DDE	7.6	610	610	ug/kg	
BNASIM/NONE	SE	OA2401200905	N	p,p'-DDE	76.0	3000 D	3000	ug/kg	
BNASIM/NONE	SE	OA2401200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	76.0	700 D	700	ug/kg	
BNASIM/NONE	SE	OA2401200905	N	1,1-bis(p-chlorophenyl)ethane	7.6	200	200	ug/kg	
BNASIM/NONE	SE	OA2401200905	N	o,p'-DDT	7.6	5.7 J	5.7 J	ug/kg	TR
BNASIM/NONE	SE	OA2401200907	N	o,p'-DDD	7.8	70.0	70.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2401200907	N	p,p'-DDD	7.8	130	130	ug/kg	
BNASIM/NONE	SE	OA2401200907	N	o,p'-DDE	7.8	740	740	ug/kg	
BNASIM/NONE	SE	OA2401200907	N	p,p'-DDE	160	3900 D	3900	ug/kg	
BNASIM/NONE	SE	OA2401200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	160	980 D	980	ug/kg	
BNASIM/NONE	SE	OA2401200907	N	1,1-bis(p-chlorophenyl)ethane	7.8	320	320	ug/kg	
BNASIM/NONE	SE	OA2401200907	N	o,p'-DDT	7.8	19.0	19.0	ug/kg	
BNASIM/NONE	SE	OA2401200909-11	N	o,p'-DDD	7.6	65.0	65.0	ug/kg	
BNASIM/NONE	SE	OA2401200909-11	N	p,p'-DDD	7.6	170	170	ug/kg	
BNASIM/NONE	SE	OA2401200909-11	N	o,p'-DDE	7.6	650	650	ug/kg	
BNASIM/NONE	SE	OA2401200909-11	N	p,p'-DDE	76.0	2700 D	2700	ug/kg	
BNASIM/NONE	SE	OA2401200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	76.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA2401200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.6	260	260	ug/kg	
BNASIM/NONE	SE	OA2401200909-11	N	o,p'-DDT	7.6	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA2401200913-15	N	o,p'-DDD	6.9	17.0	17.0	ug/kg	
BNASIM/NONE	SE	OA2401200913-15	N	p,p'-DDD	6.9	34.0	34.0	ug/kg	
BNASIM/NONE	SE	OA2401200913-15	N	o,p'-DDE	6.9	170	170	ug/kg	
BNASIM/NONE	SE	OA2401200913-15	N	p,p'-DDE	34.0	740 D	740	ug/kg	
BNASIM/NONE	SE	OA2401200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	410	410	ug/kg	
BNASIM/NONE	SE	OA2401200913-15	N	1,1-bis(p-chlorophenyl)ethane	6.9	91.0	91.0	ug/kg	
BNASIM/NONE	SE	OA2401200917	N	o,p'-DDD	7.0	14.0	14.0	ug/kg	
BNASIM/NONE	SE	OA2401200917	N	p,p'-DDD	7.0	26.0	26.0	ug/kg	
BNASIM/NONE	SE	OA2401200917	N	o,p'-DDE	7.0	130	130	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2401200917	N	p,p'-DDE	35.0	560 D	560	ug/kg	
BNASIM/NONE	SE	OA2401200917	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	280	280	ug/kg	
BNASIM/NONE	SE	OA2401200917	N	1,1-bis(p-chlorophenyl)ethane	7.0	63.0	63.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA2401200901	N	2,3',4,4',5-Pentachlorobiphenyl	8.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2401200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	PCB-138/158	8.2	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2401200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2401200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	OA2401200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2401200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2401200901	N	2,4,4'-TRICHLOROBIPHENYL	8.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	6.2 J	6.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2401200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	8.3	8.3	ug/kg	
PCBSIM/NONE	SE	OA2401200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	OA2401200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA2401200903	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	7.6	7.6	ug/kg	
PCBSIM/NONE	SE	OA2401200903	N	PCB-138/158	7.6	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA2401200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	OA2401200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2401200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	7.9	7.9	ug/kg	
PCBSIM/NONE	SE	OA2401200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2401200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	OA2401200903	N	2,2',5-TRICHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200903	N	2,4,4'-TRICHLOROBIPHENYL	7.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,4'-DICHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	20.0	20.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2401200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	53.0	53.0	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	54.0	54.0	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	PCB-138/158	7.6	50.0	50.0	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.6	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.6	8.0	8.0	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	2,2',5-TRICHLOROBIPHENYL	7.6	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	OA2401200905	N	2,4,4'-TRICHLOROBIPHENYL	7.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,4'-DICHLOROBIPHENYL	7.8	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200907	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.8	6.7 J	6.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2401200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	59.0	59.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200907	N	2,3,4,4',5-Pentachlorobiphenyl	7.8	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	68.0	68.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	PCB-138/158	7.8	55.0	55.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.8	8.3	8.3	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	72.0	72.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	45.0	45.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	64.0	64.0	ug/kg	
PCBSIM/NONE	SE	OA2401200907	N	2,2',5-TRICHLOROBIPHENYL	7.8	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200907	N	2,4,4'-TRICHLOROBIPHENYL	7.8	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,4'-DICHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	8.5	8.5	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2401200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200909-11	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	54.0	54.0	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200909-11	N	PCB-138/158	7.6	52.0	52.0	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.6	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	7.6 J	7.6	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.6	7.8	7.8	ug/kg	
PCBSIM/NONE	SE	OA2401200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.6	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.9	2.0 J	2.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.9	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	6.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.9	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2401200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	6.9	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2401200913-15	N	PCB-138/158	6.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	6.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2401200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.9	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	6.9	7.6	7.6	ug/kg	
PCBSIM/NONE	SE	OA2401200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	6.9	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	OA2401200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	6.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2401200913-15	N	2,4,4'-TRICHLOROBIPHENYL	6.9	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.0	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	8.0	8.0	ug/kg	
PCBSIM/NONE	SE	OA2401200917	N	2,3',4,4',5-Pentachlorobiphenyl	7.0	7.0	7.0	ug/kg	
PCBSIM/NONE	SE	OA2401200917	N	PCB-138/158	7.0	7.0	7.0	ug/kg	
PCBSIM/NONE	SE	OA2401200917	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	OA2401200917	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	4.7 J	4.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2401200917	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2401200917	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	OA2401200917	N	2,4,4'-TRICHLOROBIPHENYL	7.0	2.9 J	2.9 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA2401200901	N	Moisture	0.10	38.9	38.9	PERCENT	
D2216/NONE	SE	OA2401200903	N	Moisture	0.10	33.8	33.8	PERCENT	
D2216/NONE	SE	OA2401200905	N	Moisture	0.10	34.5	34.5	PERCENT	
D2216/NONE	SE	OA2401200907	N	Moisture	0.10	35.6	35.6	PERCENT	
D2216/NONE	SE	OA2401200909-11	N	Moisture	0.10	34.3	34.3	PERCENT	
D2216/NONE	SE	OA2401200913-15	N	Moisture	0.10	27.1	27.1	PERCENT	
D2216/NONE	SE	OA2401200917	N	Moisture	0.10	28.1	28.1	PERCENT	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA2401200901	N	Total Organic Carbon	0.082	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA2401200903	N	Total Organic Carbon	0.076	1.3	1.3	PERCENT	
SW9060/NONE	SE	OA2401200905	N	Total Organic Carbon	0.076	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA2401200907	N	Total Organic Carbon	0.078	2.1	2.1	PERCENT	
SW9060/NONE	SE	OA2401200909-11	N	Total Organic Carbon	0.076	3.2	3.2	PERCENT	
SW9060/NONE	SE	OA2401200913-15	N	Total Organic Carbon	0.069	1.9	1.9	PERCENT	
SW9060/NONE	SE	OA2401200917	N	Total Organic Carbon	0.070	1.4	1.4	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111741

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Report – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Pesticides (DDTs) by BNA-SIM**
   It was noted that sample OA2501200913-15 was rejected for p,p'-DDT due to extremely low matrix spike duplicate (SD) recovery as seen in the Rejected Results report.

3. **Moisture by D2216**
   A laboratory duplicate (LR) was not provided on the EDD for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

4. **Total Organic Carbon by SW9060**
   A matrix spike sample (MS) was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111741

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111741, Certified - 2/8/2010 M by evinmckinney
QC Level:	ADR
Project Manager:	
Data Reviewer:	Evin McKinney
Data Reviewer Title:	Senior Scientist
Date of Review Report:	11-Feb-2010

Samples Included in SDG 09111741

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	9	0
D2216/NONE	9	0
PCBSIM/NONE	9	0
SW9060/NONE	9	0

AUTOMATED DATA REVIEW SUMMARY for 09111741

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111741. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

Test Hold Time

MS RPD

Surrogate

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Negative Blank

Calibration Blank - Negative

Calibration Blank

Equip Blank

Confirmation Column Difference

Field Blank

Lab Replicate RPD

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 09111741

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 1.37% (7 results) and the rejection of 0.20% (1 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

11-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111741

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L04	091201L04	NA	LABQC	SQ	LABQC	0991301325		12/01/2009 12:00	12/19/2009 10:48	LB
	091201L04	NA	LABQC	SQ	LABQC	0991301325		12/01/2009 12:00	12/19/2009 11:12	BS
	091201L04	NA	LABQC	SQ	LABQC	0991301325		12/01/2009 12:00	12/19/2009 11:36	BD
091201S04	091201L04	NA	OA25	SE	OA2501200913-15	0911174115		11/19/2009 12:00	12/20/2009 8:00	MS
	091201L04	NA	OA25	SE	OA2501200913-15	0911174115		11/19/2009 12:00	12/20/2009 8:24	SD
	091201L04	NA	OA25	SE	OA2501200913-15	0911174115		11/19/2009 12:00	12/20/2009 8:47	N
	091201L04	NA	OA25	SE	OA2501200913-15	0911174115		11/19/2009 12:00	12/20/2009 8:47	N
	091201L04	NA	OA25	SE	OA2501200901	091117411		11/19/2009 12:00	12/20/2009 9:11	N
	091201L04	NA	OA25	SE	OA2501200901	091117411		11/19/2009 12:00	12/20/2009 9:11	N
091201S04P	091201L04	NA	OA25	SE	OA2501200903	091117412		11/19/2009 12:00	12/20/2009 9:34	N
	091201L04	NA	OA25	SE	OA2501200903	091117412		11/19/2009 12:00	12/20/2009 9:34	N
091201S04	091201L04	NA	OA25	SE	OA2501200905	091117413		11/19/2009 12:00	12/20/2009 9:58	N
	091201L04	NA	OA25	SE	OA2501200905	091117413		11/19/2009 12:00	12/20/2009 9:58	N
	091201L04	NA	OA25	SE	OA2501200907	091117414		11/19/2009 12:00	12/20/2009 10:22	N
	091201L04	NA	OA25	SE	OA2501200907	091117414		11/19/2009 12:00	12/20/2009 10:22	N
	091201L04	NA	OA25	SE	OA2501200925	0911174113		11/19/2009 12:00	12/20/2009 10:45	N
	091201L04	NA	OA25	SE	OA2501200925	0911174113		11/19/2009 12:00	12/20/2009 10:45	N
	091201L04	NA	OA25	SE	OA2501200909-11	0911174114		11/19/2009 12:00	12/20/2009 11:09	N
	091201L04	NA	OA25	SE	OA2501200909-11	0911174114		11/19/2009 12:00	12/20/2009 11:09	N
	091201L04	NA	OA25	SE	OA2501200917-19	0911174116		11/19/2009 12:00	12/20/2009 11:32	N
	091201L04	NA	OA25	SE	OA2501200917-19	0911174116		11/19/2009 12:00	12/20/2009 11:32	N
	091201L04	NA	OA25	SE	OA2501200921-23	0911174117		11/19/2009 12:00	12/20/2009 11:56	N
	091201L04	NA	OA25	SE	OA2501200921-23	0911174117		11/19/2009 12:00	12/20/2009 11:56	N
	091201L04	NA	OA25	SE	OA2501200913-15	0911174115		11/19/2009 12:00	12/21/2009 1:03	N
	091201L04	NA	OA25	SE	OA2501200907	091117414		11/19/2009 12:00	12/21/2009 1:26	N
	091201L04	NA	OA25	SE	OA2501200925	0911174113		11/19/2009 12:00	12/21/2009 1:50	N
	091201L04	NA	OA25	SE	OA2501200909-11	0911174114		11/19/2009 12:00	12/21/2009 2:14	N

AUTOMATED DATA REVIEW SUMMARY for 09111741

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S04	091201L04	NA	OA25	SE	OA2501200917-19	0911174116		11/19/2009 12:00	12/21/2009 2:37	N
	091201L04	NA	OA25	SE	OA2501200921-23	0911174117		11/19/2009 12:00	12/21/2009 3:01	N

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91124MOID4	NA	NA	OA25	SE	OA2501200925	0911174113		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA25	SE	OA2501200921-23	0911174117		11/19/2009 12:00	11/24/2009 4:00	N
91124MOIB4	NA	NA	LABQC	SQ	LABQC	099050141607		11/24/2009 4:00	11/24/2009 4:00	LB
91124MOID4	NA	NA	OA25	SE	OA2501200917-19	0911174116		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA25	SE	OA2501200909-11	0911174114		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA25	SE	OA2501200913-15	0911174115		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA25	SE	OA2501200907	091117414		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA25	SE	OA2501200905	091117413		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA25	SE	OA2501200903	091117412		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	OA25	SE	OA2501200901	091117411		11/19/2009 12:00	11/24/2009 4:00	N

AUTOMATED DATA REVIEW SUMMARY for 09111741

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L08	091201L08	NA	LABQC	SQ	LABQC	0991301759		12/01/2009 12:00	12/16/2009 6:59	LB
	091201L08	NA	LABQC	SQ	LABQC	0991301759		12/01/2009 12:00	12/16/2009 7:27	BS
	091201L08	NA	LABQC	SQ	LABQC	0991301759		12/01/2009 12:00	12/16/2009 7:57	BD
091201S08	091201L08	NA	OA25	SE	OA2501200901	091117411		11/19/2009 12:00	12/17/2009 1:21	N
	091201L08	NA	OA25	SE	OA2501200901	091117411		11/19/2009 12:00	12/17/2009 1:21	N
	091201L08	NA	OA25	SE	OA2501200903	091117412		11/19/2009 12:00	12/17/2009 1:50	N
	091201L08	NA	OA25	SE	OA2501200903	091117412		11/19/2009 12:00	12/17/2009 1:50	N
	091201L08	NA	OA25	SE	OA2501200905	091117413		11/19/2009 12:00	12/17/2009 2:19	N
	091201L08	NA	OA25	SE	OA2501200905	091117413		11/19/2009 12:00	12/17/2009 2:19	N
	091201L08	NA	OA25	SE	OA2501200907	091117414		11/19/2009 12:00	12/17/2009 2:48	N
	091201L08	NA	OA25	SE	OA2501200907	091117414		11/19/2009 12:00	12/17/2009 2:48	N
	091201L08	NA	OA25	SE	OA2501200925	0911174113		11/19/2009 12:00	12/17/2009 3:17	N
	091201L08	NA	OA25	SE	OA2501200925	0911174113		11/19/2009 12:00	12/17/2009 3:17	N
	091201L08	NA	OA25	SE	OA2501200909-11	0911174114		11/19/2009 12:00	12/17/2009 3:46	N
	091201L08	NA	OA25	SE	OA2501200909-11	0911174114		11/19/2009 12:00	12/17/2009 3:46	N
	091201L08	NA	OA25	SE	OA2501200913-15	0911174115		11/19/2009 12:00	12/17/2009 4:16	N
	091201L08	NA	OA25	SE	OA2501200913-15	0911174115		11/19/2009 12:00	12/17/2009 4:16	N
	091201L08	NA	OA25	SE	OA2501200917-19	0911174116		11/19/2009 12:00	12/17/2009 4:44	N
	091201L08	NA	OA25	SE	OA2501200917-19	0911174116		11/19/2009 12:00	12/17/2009 4:44	N
	091201L08	NA	OA25	SE	OA2501200921-23	0911174117		11/19/2009 12:00	12/17/2009 5:14	N
	091201L08	NA	OA25	SE	OA2501200921-23	0911174117		11/19/2009 12:00	12/17/2009 5:14	N
	091201L08	NA	OA25	SE	OA2501200917-19	0911174116		11/19/2009 12:00	12/17/2009 8:12	MS
	091201L08	NA	OA25	SE	OA2501200917-19	0911174116		11/19/2009 12:00	12/17/2009 8:41	SD

AUTOMATED DATA REVIEW SUMMARY for 09111741

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91216TOCS1	NA	NA	OA25	SE	OA2501200921-23	0911174117		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	OA25	SE	OA2501200917-19	0911174116		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	OA25	SE	OA2501200925	0911174113		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	OA25	SE	OA2501200913-15	0911174115		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	OA25	SE	OA2501200909-11	0911174114		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	OA25	SE	OA2501200907	091117414		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	OA25	SE	OA2501200905	091117413		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	OA25	SE	OA2501200903	091117412		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	OA25	SE	OA2501200901	091117411		11/19/2009 12:00	12/16/2009 3:35	N
91216TOCL1	NA	NA	LABQC	SQ	LABQC	09906013434		12/16/2009 3:35	12/16/2009 3:35	BD
	NA	NA	LABQC	SQ	LABQC	09906013434		12/16/2009 3:35	12/16/2009 3:35	BS
	NA	NA	LABQC	SQ	LABQC	09906013434		12/16/2009 3:35	12/16/2009 3:35	LB

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	OA2501200913-15 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	132	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2501200913-15 / SD	1	o,p'-DDD	136	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2501200913-15 / MS	1	o,p'-DDT	37.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2501200913-15 / SD	1	o,p'-DDT	16.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2501200913-15 / MS	1	p,p'-DDD	127	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2501200913-15 / SD	1	p,p'-DDD	145	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2501200913-15 / MS	1	p,p'-DDE	47.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2501200913-15 / MS	1	p,p'-DDT	25.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	OA2501200913-15 / SD	1	p,p'-DDT	9.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	OA2501200913-15 / SD	1	o,p'-DDT	79.2	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA2501200913-15 / SD	1	p,p'-DDE	76.3	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	OA2501200913-15 / SD	1	p,p'-DDT	94.1	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	MS Recovery	OA2501200917-19 / MS	1	2,3',4,4'-TETRACHLOROBIPHENYL	129	PERCENT	J/None	50 - 125	10 - 135	M	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2501200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,2',5-TRICHLOROBIPHENYL	8.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	PCB-138/158	7.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	5.3 J	5.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2501200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,4,4'-TRICHLOROBIPHENYL	7.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.1	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',5-TRICHLOROBIPHENYL	7.1	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,4,4'-TRICHLOROBIPHENYL	7.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2501200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.1	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.1	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	32.0	32.0 J	ug/kg	M
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.3 J	2.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.3	2.8 J	2.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2501200925	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,2',5-TRICHLOROBIPHENYL	7.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,4,4'-TRICHLOROBIPHENYL	7.2	5.2 J	5.2 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2501200909-11	N	o,p'-DDT	7.2	4.3 J	4.3 J	ug/kg	TR
BNASIM/NONE	SE	OA2501200913-15	N	o,p'-DDD	7.1	31.0	31.0 J	ug/kg	M
BNASIM/NONE	SE	OA2501200913-15	N	p,p'-DDD	7.1	78.0	78.0 J	ug/kg	M
BNASIM/NONE	SE	OA2501200913-15	N	p,p'-DDE	36.0	1200 D	1200 J	ug/kg	MD2
BNASIM/NONE	SE	OA2501200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	440	440 J	ug/kg	M
BNASIM/NONE	SE	OA2501200913-15	N	o,p'-DDT	7.1	5.1 J	5.1 J	ug/kg	MD2TR
BNASIM/NONE	SE	OA2501200913-15	N	p,p'-DDT	7.1	7.1 U	7.1 R	ug/kg	MD2

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2501200901	N	o,p'-DDD	8.9	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA2501200901	N	p,p'-DDD	8.9	40.0	40.0	ug/kg	
BNASIM/NONE	SE	OA2501200901	N	o,p'-DDE	8.9	85.0	85.0	ug/kg	
BNASIM/NONE	SE	OA2501200901	N	p,p'-DDE	8.9	520	520	ug/kg	
BNASIM/NONE	SE	OA2501200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	120	120	ug/kg	
BNASIM/NONE	SE	OA2501200901	N	1,1-bis(p-chlorophenyl)ethane	8.9	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA2501200903	N	o,p'-DDD	7.5	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA2501200903	N	p,p'-DDD	7.5	28.0	28.0	ug/kg	
BNASIM/NONE	SE	OA2501200903	N	o,p'-DDE	7.5	78.0	78.0	ug/kg	
BNASIM/NONE	SE	OA2501200903	N	p,p'-DDE	7.5	490	490	ug/kg	
BNASIM/NONE	SE	OA2501200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	110	110	ug/kg	
BNASIM/NONE	SE	OA2501200903	N	1,1-bis(p-chlorophenyl)ethane	7.5	18.0	18.0	ug/kg	
BNASIM/NONE	SE	OA2501200905	N	o,p'-DDD	7.1	15.0	15.0	ug/kg	
BNASIM/NONE	SE	OA2501200905	N	p,p'-DDD	7.1	40.0	40.0	ug/kg	
BNASIM/NONE	SE	OA2501200905	N	o,p'-DDE	7.1	110	110	ug/kg	
BNASIM/NONE	SE	OA2501200905	N	p,p'-DDE	7.1	650	650	ug/kg	
BNASIM/NONE	SE	OA2501200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	140	140	ug/kg	
BNASIM/NONE	SE	OA2501200905	N	1,1-bis(p-chlorophenyl)ethane	7.1	27.0	27.0	ug/kg	
BNASIM/NONE	SE	OA2501200907	N	o,p'-DDD	7.1	16.0	16.0	ug/kg	
BNASIM/NONE	SE	OA2501200907	N	p,p'-DDD	7.1	45.0	45.0	ug/kg	
BNASIM/NONE	SE	OA2501200907	N	o,p'-DDE	7.1	130	130	ug/kg	
BNASIM/NONE	SE	OA2501200907	N	p,p'-DDE	36.0	790 D	790	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2501200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	160	160	ug/kg	
BNASIM/NONE	SE	OA2501200907	N	1,1-bis(p-chlorophenyl)ethane	7.1	36.0	36.0	ug/kg	
BNASIM/NONE	SE	OA2501200909-11	N	o,p'-DDD	7.2	30.0	30.0	ug/kg	
BNASIM/NONE	SE	OA2501200909-11	N	p,p'-DDD	7.2	87.0	87.0	ug/kg	
BNASIM/NONE	SE	OA2501200909-11	N	o,p'-DDE	7.2	230	230	ug/kg	
BNASIM/NONE	SE	OA2501200909-11	N	p,p'-DDE	36.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	OA2501200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	330	330	ug/kg	
BNASIM/NONE	SE	OA2501200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.2	71.0	71.0	ug/kg	
BNASIM/NONE	SE	OA2501200909-11	N	o,p'-DDT	7.2	4.3 J	4.3 J	ug/kg	TR
BNASIM/NONE	SE	OA2501200913-15	N	o,p'-DDD	7.1	31.0	31.0 J	ug/kg	M
BNASIM/NONE	SE	OA2501200913-15	N	p,p'-DDD	7.1	78.0	78.0 J	ug/kg	M
BNASIM/NONE	SE	OA2501200913-15	N	o,p'-DDE	7.1	220	220	ug/kg	
BNASIM/NONE	SE	OA2501200913-15	N	p,p'-DDE	36.0	1200 D	1200 J	ug/kg	MD2
BNASIM/NONE	SE	OA2501200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	440	440 J	ug/kg	M
BNASIM/NONE	SE	OA2501200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.1	74.0	74.0	ug/kg	
BNASIM/NONE	SE	OA2501200913-15	N	o,p'-DDT	7.1	5.1 J	5.1 J	ug/kg	MD2TR
BNASIM/NONE	SE	OA2501200917-19	N	o,p'-DDD	7.2	48.0	48.0	ug/kg	
BNASIM/NONE	SE	OA2501200917-19	N	p,p'-DDD	7.2	140	140	ug/kg	
BNASIM/NONE	SE	OA2501200917-19	N	o,p'-DDE	7.2	620	620	ug/kg	
BNASIM/NONE	SE	OA2501200917-19	N	p,p'-DDE	72.0	2900 D	2900	ug/kg	
BNASIM/NONE	SE	OA2501200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	72.0	1600 D	1600	ug/kg	
BNASIM/NONE	SE	OA2501200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.2	160	160	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2501200917-19	N	o,p'-DDT	7.2	12.0	12.0	ug/kg	
BNASIM/NONE	SE	OA2501200921-23	N	o,p'-DDD	7.3	50.0	50.0	ug/kg	
BNASIM/NONE	SE	OA2501200921-23	N	p,p'-DDD	7.3	120	120	ug/kg	
BNASIM/NONE	SE	OA2501200921-23	N	o,p'-DDE	7.3	510	510	ug/kg	
BNASIM/NONE	SE	OA2501200921-23	N	p,p'-DDE	73.0	2100 D	2100	ug/kg	
BNASIM/NONE	SE	OA2501200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	73.0	1700 D	1700	ug/kg	
BNASIM/NONE	SE	OA2501200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.3	150	150	ug/kg	
BNASIM/NONE	SE	OA2501200921-23	N	o,p'-DDT	7.3	11.0	11.0	ug/kg	
BNASIM/NONE	SE	OA2501200925	N	o,p'-DDD	7.2	21.0	21.0	ug/kg	
BNASIM/NONE	SE	OA2501200925	N	p,p'-DDD	7.2	53.0	53.0	ug/kg	
BNASIM/NONE	SE	OA2501200925	N	o,p'-DDE	7.2	220	220	ug/kg	
BNASIM/NONE	SE	OA2501200925	N	p,p'-DDE	7.2	690	690	ug/kg	
BNASIM/NONE	SE	OA2501200925	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	36.0	700 D	700	ug/kg	
BNASIM/NONE	SE	OA2501200925	N	1,1-bis(p-chlorophenyl)ethane	7.2	70.0	70.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2501200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,3',4,4',5-Pentachlorobiphenyl	8.9	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	3.1 J	3.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2501200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200901	N	2,2',5-TRICHLOROBIPHENYL	8.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	PCB-138/158	7.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	8.1	8.1	ug/kg	
PCBSIM/NONE	SE	OA2501200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	7.5	7.5	ug/kg	
PCBSIM/NONE	SE	OA2501200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	PCB-138/158	7.1	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	OA2501200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2501200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200905	N	2,4,4'-TRICHLOROBIPHENYL	7.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.1	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	7.3	7.3	ug/kg	
PCBSIM/NONE	SE	OA2501200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	7.7	7.7	ug/kg	
PCBSIM/NONE	SE	OA2501200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	PCB-138/158	7.1	7.7	7.7	ug/kg	
PCBSIM/NONE	SE	OA2501200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	OA2501200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,2',5-TRICHLOROBIPHENYL	7.1	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200907	N	2,4,4'-TRICHLOROBIPHENYL	7.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	19.0	19.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2501200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	PCB-138/158	7.2	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA2501200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2501200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	7.7	7.7	ug/kg	
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	OA2501200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	7.7	7.7	ug/kg	
PCBSIM/NONE	SE	OA2501200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	OA2501200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.1	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	OA2501200913-15	N	PCB-138/158	7.1	16.0	16.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	OA2501200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	8.1	8.1	ug/kg	
PCBSIM/NONE	SE	OA2501200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.1	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	OA2501200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2501200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.1	7.3	7.3	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	7.4	7.4	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.2	7.6	7.6	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.2	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200917-19	N	PCB-138/158	7.2	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	25.0	25.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2501200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	32.0	32.0 J	ug/kg	M
PCBSIM/NONE	SE	OA2501200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.2	7.8	7.8	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.2	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	OA2501200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.2	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	8.0	8.0	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.3 J	2.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	PCB-138/158	7.3	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	19.0	19.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2501200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.3	8.0	8.0	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.3	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	OA2501200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.3	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	OA2501200925	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2501200925	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2501200925	N	PCB-138/158	7.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2501200925	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	OA2501200925	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2501200925	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	OA2501200925	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	OA2501200925	N	2,2',5-TRICHLOROBIPHENYL	7.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2501200925	N	2,4,4'-TRICHLOROBIPHENYL	7.2	5.2 J	5.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	OA2501200901	N	Moisture	0.10	43.6	43.6	PERCENT	
D2216/NONE	SE	OA2501200903	N	Moisture	0.10	33.5	33.5	PERCENT	
D2216/NONE	SE	OA2501200905	N	Moisture	0.10	29.4	29.4	PERCENT	
D2216/NONE	SE	OA2501200907	N	Moisture	0.10	29.8	29.8	PERCENT	
D2216/NONE	SE	OA2501200909-11	N	Moisture	0.10	30.2	30.2	PERCENT	
D2216/NONE	SE	OA2501200913-15	N	Moisture	0.10	29.8	29.8	PERCENT	
D2216/NONE	SE	OA2501200917-19	N	Moisture	0.10	31.0	31.0	PERCENT	
D2216/NONE	SE	OA2501200921-23	N	Moisture	0.10	31.1	31.1	PERCENT	
D2216/NONE	SE	OA2501200925	N	Moisture	0.10	30.2	30.2	PERCENT	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA2501200901	N	Total Organic Carbon	0.089	0.89	0.89	PERCENT	
SW9060/NONE	SE	OA2501200903	N	Total Organic Carbon	0.075	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA2501200905	N	Total Organic Carbon	0.071	1.2	1.2	PERCENT	
SW9060/NONE	SE	OA2501200907	N	Total Organic Carbon	0.071	1.4	1.4	PERCENT	
SW9060/NONE	SE	OA2501200909-11	N	Total Organic Carbon	0.072	1.6	1.6	PERCENT	
SW9060/NONE	SE	OA2501200913-15	N	Total Organic Carbon	0.071	2.0	2.0	PERCENT	
SW9060/NONE	SE	OA2501200917-19	N	Total Organic Carbon	0.072	1.7	1.7	PERCENT	
SW9060/NONE	SE	OA2501200921-23	N	Total Organic Carbon	0.073	1.8	1.8	PERCENT	
SW9060/NONE	SE	OA2501200925	N	Total Organic Carbon	0.072	2.1	2.1	PERCENT	

AUTOMATED DATA REVIEW SUMMARY for 09111741

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2501200913-15	N	p,p'-DDT	7.1	7.1 U	R	ug/kg	MD2

ADR CASE NARRATIVE

Laboratory ID: SDG 09111742

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Report – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111742

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111742, Certified - 2/2/2010 M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Evin McKinney
Data Reviewer Title:	Senior Scientist
Date of Review Report:	11-Feb-2010

Samples Included in SDG 09111742

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	17	0
D2216/NONE	17	0
PCBSIM/NONE	17	0
SW9060/NONE	17	0

AUTOMATED DATA REVIEW SUMMARY for 09111742

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111742. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Prep Hold Time

MS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Calibration Blank

Equip Blank

Calibration Blank - Negative

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Negative Blank

Confirmation Column Difference

Field Blank

AUTOMATED DATA REVIEW SUMMARY for 09111742

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.36% (3 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

11-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111742

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L03	091201L03	NA	LABQC	SQ	LABQC	0991301324		12/01/2009 12:00	12/18/2009 6:28	LB
	091201L03	NA	LABQC	SQ	LABQC	0991301324		12/01/2009 12:00	12/18/2009 6:52	BS
	091201L03	NA	LABQC	SQ	LABQC	0991301324		12/01/2009 12:00	12/18/2009 7:16	BD
091201S03	091201L03	NA	BA1B	SE	BA1B01200953-55	0911174242		11/19/2009 12:00	12/19/2009 6:14	MS
	091201L03	NA	BA1B	SE	BA1B01200953-55	0911174242		11/19/2009 12:00	12/19/2009 6:38	SD
	091201L03	NA	BA1B	SE	BA1B01200953-55	0911174242		11/19/2009 12:00	12/19/2009 7:01	N
	091201L03	NA	BA1B	SE	BA1B01200953-55	0911174242		11/19/2009 12:00	12/19/2009 7:01	N
	091201L03	NA	BA1B	SE	BA1B01200901	091117421		11/19/2009 12:00	12/19/2009 8:36	N
	091201L03	NA	BA1B	SE	BA1B01200901	091117421		11/19/2009 12:00	12/19/2009 8:36	N
	091201L03	NA	BA1B	SE	BA1B01200903	091117422		11/19/2009 12:00	12/19/2009 9:00	N
	091201L03	NA	BA1B	SE	BA1B01200903	091117422		11/19/2009 12:00	12/19/2009 9:00	N
	091201L03	NA	BA1B	SE	BA1B01200905	091117423		11/19/2009 12:00	12/19/2009 9:23	N
	091201L03	NA	BA1B	SE	BA1B01200905	091117423		11/19/2009 12:00	12/19/2009 9:23	N
	091201L03	NA	BA1B	SE	BA1B01200907	091117424		11/19/2009 12:00	12/19/2009 9:47	N
	091201L03	NA	BA1B	SE	BA1B01200907	091117424		11/19/2009 12:00	12/19/2009 9:47	N
	091201L03	NA	BA1B	SE	BA1B01200909-11	0911174231		11/19/2009 12:00	12/19/2009 10:10	N
	091201L03	NA	BA1B	SE	BA1B01200909-11	0911174231		11/19/2009 12:00	12/19/2009 10:10	N
	091201L03	NA	BA1B	SE	BA1B01200913-15	0911174232		11/19/2009 12:00	12/19/2009 10:34	N
	091201L03	NA	BA1B	SE	BA1B01200913-15	0911174232		11/19/2009 12:00	12/19/2009 10:34	N
	091201L03	NA	BA1B	SE	BA1B01200917-19	0911174233		11/19/2009 12:00	12/19/2009 10:57	N
	091201L03	NA	BA1B	SE	BA1B01200917-19	0911174233		11/19/2009 12:00	12/19/2009 10:57	N
	091201L03	NA	BA1B	SE	BA1B01200921-23	0911174234		11/19/2009 12:00	12/19/2009 11:21	N
	091201L03	NA	BA1B	SE	BA1B01200921-23	0911174234		11/19/2009 12:00	12/19/2009 11:21	N
	091201L03	NA	BA1B	SE	BA1B01200925-27	0911174235		11/19/2009 12:00	12/19/2009 11:45	N
	091201L03	NA	BA1B	SE	BA1B01200925-27	0911174235		11/19/2009 12:00	12/19/2009 11:45	N
	091201L03	NA	BA1B	SE	BA1B01200929-31	0911174236		11/19/2009 12:00	12/20/2009 12:08	N
	091201L03	NA	BA1B	SE	BA1B01200929-31	0911174236		11/19/2009 12:00	12/20/2009 12:08	N

AUTOMATED DATA REVIEW SUMMARY for 09111742

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S03	091201L03	NA	BA1B	SE	BA1B01200933-35	0911174237		11/19/2009 12:00	12/20/2009 12:32	N
	091201L03	NA	BA1B	SE	BA1B01200933-35	0911174237		11/19/2009 12:00	12/20/2009 12:32	N
	091201L03	NA	BA1B	SE	BA1B01200937-39	0911174238		11/19/2009 12:00	12/20/2009 12:55	N
	091201L03	NA	BA1B	SE	BA1B01200937-39	0911174238		11/19/2009 12:00	12/20/2009 12:55	N
	091201L03	NA	BA1B	SE	BA1B01200941-43	0911174239		11/19/2009 12:00	12/20/2009 1:19	N
	091201L03	NA	BA1B	SE	BA1B01200941-43	0911174239		11/19/2009 12:00	12/20/2009 1:19	N
	091201L03	NA	BA1B	SE	BA1B01200945-47	0911174240		11/19/2009 12:00	12/20/2009 1:43	N
	091201L03	NA	BA1B	SE	BA1B01200945-47	0911174240		11/19/2009 12:00	12/20/2009 1:43	N
091201S03P	091201L03	NA	BA1B	SE	BA1B01200949-51	0911174241		11/19/2009 12:00	12/20/2009 2:06	N
	091201L03	NA	BA1B	SE	BA1B01200949-51	0911174241		11/19/2009 12:00	12/20/2009 2:06	N
091201S03	091201L03	NA	BA1B	SE	BA1B01200957-59	0911174243		11/19/2009 12:00	12/20/2009 2:30	N
	091201L03	NA	BA1B	SE	BA1B01200957-59	0911174243		11/19/2009 12:00	12/20/2009 2:30	N
091201S03P	091201L03	NA	BA1B	SE	BA1B01200903	091117422		11/19/2009 12:00	12/20/2009 1:00	N
	091201L03	NA	BA1B	SE	BA1B01200905	091117423		11/19/2009 12:00	12/20/2009 1:23	N
	091201L03	NA	BA1B	SE	BA1B01200907	091117424		11/19/2009 12:00	12/20/2009 1:47	N

AUTOMATED DATA REVIEW SUMMARY for 09111742

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91124MOID1	NA	NA	BA1B	SE	BA1B01200909-11	0911174231		11/19/2009 12:00	11/24/2009 11:00	LR
	NA	NA	BA1B	SE	BA1B01200909-11	0911174231		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200917-19	0911174233		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200913-15	0911174232		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200907	091117424		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200905	091117423		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200903	091117422		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200901	091117421		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200949-51	0911174241		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200945-47	0911174240		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200941-43	0911174239		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200937-39	0911174238		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200933-35	0911174237		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200929-31	0911174236		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200925-27	0911174235		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200921-23	0911174234		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200957-59	0911174243		11/19/2009 12:00	11/24/2009 11:00	N
	NA	NA	BA1B	SE	BA1B01200953-55	0911174242		11/19/2009 12:00	11/24/2009 11:00	N
91124MOIB1	NA	NA	LABQC	SQ	LABQC	099050141610		11/24/2009 11:00	11/24/2009 11:00	LB

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L07	091201L07	NA	LABQC	SQ	LABQC	0991301758		12/01/2009 12:00	12/17/2009 5:17	LB
	091201L07	NA	LABQC	SQ	LABQC	0991301758		12/01/2009 12:00	12/17/2009 5:46	BS
	091201L07	NA	LABQC	SQ	LABQC	0991301758		12/01/2009 12:00	12/17/2009 6:15	BD
091201S07	091201L07	NA	BA1B	SE	BA1B01200957-59	0911174243		11/19/2009 12:00	12/17/2009 6:44	MS
	091201L07	NA	BA1B	SE	BA1B01200957-59	0911174243		11/19/2009 12:00	12/17/2009 7:13	SD

AUTOMATED DATA REVIEW SUMMARY for 09111742

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S07	091201L07	NA	BA1B	SE	BA1B01200957-59	0911174243		11/19/2009 12:00	12/17/2009 7:42	N
	091201L07	NA	BA1B	SE	BA1B01200957-59	0911174243		11/19/2009 12:00	12/17/2009 7:42	N
	091201L07	NA	BA1B	SE	BA1B01200901	091117421		11/19/2009 12:00	12/17/2009 9:11	N
	091201L07	NA	BA1B	SE	BA1B01200901	091117421		11/19/2009 12:00	12/17/2009 9:11	N
	091201L07	NA	BA1B	SE	BA1B01200903	091117422		11/19/2009 12:00	12/17/2009 9:42	N
	091201L07	NA	BA1B	SE	BA1B01200903	091117422		11/19/2009 12:00	12/17/2009 9:42	N
	091201L07	NA	BA1B	SE	BA1B01200905	091117423		11/19/2009 12:00	12/17/2009 10:11	N
	091201L07	NA	BA1B	SE	BA1B01200905	091117423		11/19/2009 12:00	12/17/2009 10:11	N
	091201L07	NA	BA1B	SE	BA1B01200907	091117424		11/19/2009 12:00	12/17/2009 10:40	N
	091201L07	NA	BA1B	SE	BA1B01200907	091117424		11/19/2009 12:00	12/17/2009 10:40	N
	091201L07	NA	BA1B	SE	BA1B01200909-11	0911174231		11/19/2009 12:00	12/17/2009 11:09	N
	091201L07	NA	BA1B	SE	BA1B01200909-11	0911174231		11/19/2009 12:00	12/17/2009 11:09	N
	091201L07	NA	BA1B	SE	BA1B01200913-15	0911174232		11/19/2009 12:00	12/17/2009 11:38	N
	091201L07	NA	BA1B	SE	BA1B01200913-15	0911174232		11/19/2009 12:00	12/17/2009 11:38	N
	091201L07	NA	BA1B	SE	BA1B01200917-19	0911174233		11/19/2009 12:00	12/18/2009 12:07	N
	091201L07	NA	BA1B	SE	BA1B01200917-19	0911174233		11/19/2009 12:00	12/18/2009 12:07	N
	091201L07	NA	BA1B	SE	BA1B01200921-23	0911174234		11/19/2009 12:00	12/18/2009 12:36	N
	091201L07	NA	BA1B	SE	BA1B01200921-23	0911174234		11/19/2009 12:00	12/18/2009 12:36	N
	091201L07	NA	BA1B	SE	BA1B01200925-27	0911174235		11/19/2009 12:00	12/18/2009 1:05	N
	091201L07	NA	BA1B	SE	BA1B01200925-27	0911174235		11/19/2009 12:00	12/18/2009 1:05	N
	091201L07	NA	BA1B	SE	BA1B01200929-31	0911174236		11/19/2009 12:00	12/18/2009 1:36	N
	091201L07	NA	BA1B	SE	BA1B01200929-31	0911174236		11/19/2009 12:00	12/18/2009 1:36	N
	091201L07	NA	BA1B	SE	BA1B01200933-35	0911174237		11/19/2009 12:00	12/18/2009 2:05	N
	091201L07	NA	BA1B	SE	BA1B01200933-35	0911174237		11/19/2009 12:00	12/18/2009 2:05	N
	091201L07	NA	BA1B	SE	BA1B01200937-39	0911174238		11/19/2009 12:00	12/18/2009 2:34	N
	091201L07	NA	BA1B	SE	BA1B01200937-39	0911174238		11/19/2009 12:00	12/18/2009 2:34	N
	091201L07	NA	BA1B	SE	BA1B01200941-43	0911174239		11/19/2009 12:00	12/18/2009 3:04	N
	091201L07	NA	BA1B	SE	BA1B01200941-43	0911174239		11/19/2009 12:00	12/18/2009 3:04	N

AUTOMATED DATA REVIEW SUMMARY for 09111742

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S07	091201L07	NA	BA1B	SE	BA1B01200945-47	0911174240		11/19/2009 12:00	12/18/2009 3:33	N
	091201L07	NA	BA1B	SE	BA1B01200945-47	0911174240		11/19/2009 12:00	12/18/2009 3:33	N
	091201L07	NA	BA1B	SE	BA1B01200949-51	0911174241		11/19/2009 12:00	12/18/2009 4:03	N
	091201L07	NA	BA1B	SE	BA1B01200949-51	0911174241		11/19/2009 12:00	12/18/2009 4:03	N
	091201L07	NA	BA1B	SE	BA1B01200953-55	0911174242		11/19/2009 12:00	12/18/2009 4:34	N
	091201L07	NA	BA1B	SE	BA1B01200953-55	0911174242		11/19/2009 12:00	12/18/2009 4:34	N

AUTOMATED DATA REVIEW SUMMARY for 09111742

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91222TOCS1	NA	NA	BA1B	SE	BA1B01200953-55	0911174242		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200957-59	0911174243		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200957-59	0911174243		11/19/2009 12:00	12/22/2009 4:26	SD
	NA	NA	BA1B	SE	BA1B01200957-59	0911174243		11/19/2009 12:00	12/22/2009 4:26	MS
91222TOCL1	NA	NA	LABQC	SQ	LABQC	09906013438		12/22/2009 4:26	12/22/2009 4:26	BS
	NA	NA	LABQC	SQ	LABQC	09906013438		12/22/2009 4:26	12/22/2009 4:26	LB
91222TOCS1	NA	NA	BA1B	SE	BA1B01200949-51	0911174241		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200945-47	0911174240		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200941-43	0911174239		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200937-39	0911174238		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200933-35	0911174237		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200929-31	0911174236		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200925-27	0911174235		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200921-23	0911174234		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200917-19	0911174233		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200913-15	0911174232		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200909-11	0911174231		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200907	091117424		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200905	091117423		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200903	091117422		11/19/2009 12:00	12/22/2009 4:26	N
	NA	NA	BA1B	SE	BA1B01200901	091117421		11/19/2009 12:00	12/22/2009 4:26	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	BA1B01200953-55 / MS	1	o,p'-DDD	129	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1B01200953-55 / SD	1	o,p'-DDD	129	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1B01200953-55 / SD	1	o,p'-DDT	35.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1B01200953-55 / MS	1	p,p'-DDD	134	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1B01200953-55 / SD	1	p,p'-DDD	136	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1B01200953-55 / MS	1	p,p'-DDE	127	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1B01200953-55 / SD	1	p,p'-DDT	20.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	BA1B01200953-55 / SD	1	o,p'-DDT	93.1	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	BA1B01200953-55 / SD	1	p,p'-DDT	120	RPD	J/UJ	< 30	< 60	D2	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1B01200909-11	N	o,p'-DDD	7.2	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200917-19	N	p,p'-DDE	7.2	5.7 J	5.7 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	2.6 J	2.6 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200921-23	N	o,p'-DDE	7.3	3.5 J	3.5 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	3.6 J	3.6 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.5	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.7	4.4 J	4.4 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200941-43	N	p,p'-DDE	7.4	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200953-55	N	p,p'-DDE	7.2	4.6 J	4.6 J	ug/kg	MTR
BNASIM/NONE	SE	BA1B01200953-55	N	o,p'-DDT	7.2	7.2 U	7.2 UJ	ug/kg	MD2
BNASIM/NONE	SE	BA1B01200953-55	N	p,p'-DDT	7.2	7.2 U	7.2 UJ	ug/kg	MD2
BNASIM/NONE	SE	BA1B01200957-59	N	p,p'-DDE	7.2	3.7 J	3.7 J	ug/kg	TR
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
PCBSIM/NONE	SE	BA1B01200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,4,4'-TRICHLOROBIPHENYL	8.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.8	2.8 J	2.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.8	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,2',5-TRICHLOROBIPHENYL	7.8	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.5	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,2',5-TRICHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.5	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1B01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,2',5-TRICHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,4,4'-TRICHLOROBIPHENYL	7.4	2.6 J	2.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1B01200901	N	o,p'-DDD	8.1	25.0	25.0	ug/kg	
BNASIM/NONE	SE	BA1B01200901	N	p,p'-DDD	8.1	96.0	96.0	ug/kg	
BNASIM/NONE	SE	BA1B01200901	N	o,p'-DDE	8.1	120	120	ug/kg	
BNASIM/NONE	SE	BA1B01200901	N	p,p'-DDE	8.1	810	810	ug/kg	
BNASIM/NONE	SE	BA1B01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.1	140	140	ug/kg	
BNASIM/NONE	SE	BA1B01200901	N	1,1-bis(p-chlorophenyl)ethane	8.1	33.0	33.0	ug/kg	
BNASIM/NONE	SE	BA1B01200903	N	o,p'-DDD	7.8	46.0	46.0	ug/kg	
BNASIM/NONE	SE	BA1B01200903	N	p,p'-DDD	7.8	150	150	ug/kg	
BNASIM/NONE	SE	BA1B01200903	N	o,p'-DDE	7.8	260	260	ug/kg	
BNASIM/NONE	SE	BA1B01200903	N	p,p'-DDE	78.0	1700 D	1700	ug/kg	
BNASIM/NONE	SE	BA1B01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	320	320	ug/kg	
BNASIM/NONE	SE	BA1B01200903	N	1,1-bis(p-chlorophenyl)ethane	7.8	99.0	99.0	ug/kg	
BNASIM/NONE	SE	BA1B01200905	N	o,p'-DDD	7.5	46.0	46.0	ug/kg	
BNASIM/NONE	SE	BA1B01200905	N	p,p'-DDD	7.5	130	130	ug/kg	
BNASIM/NONE	SE	BA1B01200905	N	o,p'-DDE	7.5	250	250	ug/kg	
BNASIM/NONE	SE	BA1B01200905	N	p,p'-DDE	38.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	BA1B01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	420	420	ug/kg	
BNASIM/NONE	SE	BA1B01200905	N	1,1-bis(p-chlorophenyl)ethane	7.5	120	120	ug/kg	
BNASIM/NONE	SE	BA1B01200907	N	o,p'-DDD	7.4	24.0	24.0	ug/kg	
BNASIM/NONE	SE	BA1B01200907	N	p,p'-DDD	7.4	55.0	55.0	ug/kg	
BNASIM/NONE	SE	BA1B01200907	N	o,p'-DDE	7.4	140	140	ug/kg	
BNASIM/NONE	SE	BA1B01200907	N	p,p'-DDE	37.0	680 D	680	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1B01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	270	270	ug/kg	
BNASIM/NONE	SE	BA1B01200907	N	1,1-bis(p-chlorophenyl)ethane	7.4	84.0	84.0	ug/kg	
BNASIM/NONE	SE	BA1B01200909-11	N	o,p'-DDD	7.2	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200909-11	N	p,p'-DDD	7.2	12.0	12.0	ug/kg	
BNASIM/NONE	SE	BA1B01200909-11	N	o,p'-DDE	7.2	33.0	33.0	ug/kg	
BNASIM/NONE	SE	BA1B01200909-11	N	p,p'-DDE	7.2	200	200	ug/kg	
BNASIM/NONE	SE	BA1B01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	53.0	53.0	ug/kg	
BNASIM/NONE	SE	BA1B01200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.2	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA1B01200913-15	N	p,p'-DDD	7.1	7.9	7.9	ug/kg	
BNASIM/NONE	SE	BA1B01200913-15	N	o,p'-DDE	7.1	19.0	19.0	ug/kg	
BNASIM/NONE	SE	BA1B01200913-15	N	p,p'-DDE	7.1	130	130	ug/kg	
BNASIM/NONE	SE	BA1B01200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	27.0	27.0	ug/kg	
BNASIM/NONE	SE	BA1B01200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.1	9.8	9.8	ug/kg	
BNASIM/NONE	SE	BA1B01200917-19	N	p,p'-DDE	7.2	5.7 J	5.7 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	2.6 J	2.6 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200921-23	N	o,p'-DDE	7.3	3.5 J	3.5 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200921-23	N	p,p'-DDE	7.3	21.0	21.0	ug/kg	
BNASIM/NONE	SE	BA1B01200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	3.6 J	3.6 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200925-27	N	p,p'-DDD	7.5	9.4	9.4	ug/kg	
BNASIM/NONE	SE	BA1B01200925-27	N	o,p'-DDE	7.5	15.0	15.0	ug/kg	
BNASIM/NONE	SE	BA1B01200925-27	N	p,p'-DDE	7.5	95.0	95.0	ug/kg	
BNASIM/NONE	SE	BA1B01200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	17.0	17.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1B01200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.5	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200929-31	N	o,p'-DDE	7.7	9.0	9.0	ug/kg	
BNASIM/NONE	SE	BA1B01200929-31	N	p,p'-DDE	7.7	62.0	62.0	ug/kg	
BNASIM/NONE	SE	BA1B01200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	8.0	8.0	ug/kg	
BNASIM/NONE	SE	BA1B01200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.7	4.4 J	4.4 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200941-43	N	p,p'-DDE	7.4	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	BA1B01200945-47	N	p,p'-DDE	7.3	9.0	9.0	ug/kg	
BNASIM/NONE	SE	BA1B01200953-55	N	p,p'-DDE	7.2	4.6 J	4.6 J	ug/kg	MTR
BNASIM/NONE	SE	BA1B01200957-59	N	p,p'-DDE	7.2	3.7 J	3.7 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1B01200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	BA1B01200901	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	BA1B01200901	N	PCB-138/158	8.1	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	BA1B01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200901	N	2,4,4'-TRICHLOROBIPHENYL	8.1	4.1 J	4.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.8	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.8	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200903	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	PCB-138/158	7.8	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200903	N	2,2',5-TRICHLOROBIPHENYL	7.8	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200903	N	2,4,4'-TRICHLOROBIPHENYL	7.8	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	BA1B01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	7.1 J	7.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1B01200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200905	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.5	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	PCB-138/158	7.5	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	BA1B01200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	BA1B01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	BA1B01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200905	N	2,2',5-TRICHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.5	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	8.0	8.0	ug/kg	
PCBSIM/NONE	SE	BA1B01200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	PCB-138/158	7.4	7.7	7.7	ug/kg	
PCBSIM/NONE	SE	BA1B01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	BA1B01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR

AUTOMATED DATA REVIEW SUMMARY for 09111742

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1B01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,2',5-TRICHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1B01200907	N	2,4,4'-TRICHLOROBIPHENYL	7.4	2.6 J	2.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA1B01200901	N	Moisture	0.10	38.6	38.6	PERCENT	
D2216/NONE	SE	BA1B01200903	N	Moisture	0.10	35.8	35.8	PERCENT	
D2216/NONE	SE	BA1B01200905	N	Moisture	0.10	33.5	33.5	PERCENT	
D2216/NONE	SE	BA1B01200907	N	Moisture	0.10	32.2	32.2	PERCENT	
D2216/NONE	SE	BA1B01200909-11	N	Moisture	0.10	30.3	30.3	PERCENT	
D2216/NONE	SE	BA1B01200913-15	N	Moisture	0.10	30.0	30.0	PERCENT	
D2216/NONE	SE	BA1B01200917-19	N	Moisture	0.10	31.0	31.0	PERCENT	
D2216/NONE	SE	BA1B01200921-23	N	Moisture	0.10	31.8	31.8	PERCENT	
D2216/NONE	SE	BA1B01200925-27	N	Moisture	0.10	33.3	33.3	PERCENT	
D2216/NONE	SE	BA1B01200929-31	N	Moisture	0.10	35.0	35.0	PERCENT	
D2216/NONE	SE	BA1B01200933-35	N	Moisture	0.10	30.9	30.9	PERCENT	
D2216/NONE	SE	BA1B01200937-39	N	Moisture	0.10	32.0	32.0	PERCENT	
D2216/NONE	SE	BA1B01200941-43	N	Moisture	0.10	32.1	32.1	PERCENT	
D2216/NONE	SE	BA1B01200945-47	N	Moisture	0.10	31.5	31.5	PERCENT	
D2216/NONE	SE	BA1B01200949-51	N	Moisture	0.10	31.7	31.7	PERCENT	
D2216/NONE	SE	BA1B01200953-55	N	Moisture	0.10	30.3	30.3	PERCENT	
D2216/NONE	SE	BA1B01200957-59	N	Moisture	0.10	30.4	30.4	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA1B01200901	N	Total Organic Carbon	0.081	3.5	3.5	PERCENT	
SW9060/NONE	SE	BA1B01200903	N	Total Organic Carbon	0.078	3.5	3.5	PERCENT	
SW9060/NONE	SE	BA1B01200905	N	Total Organic Carbon	0.075	3.5	3.5	PERCENT	
SW9060/NONE	SE	BA1B01200907	N	Total Organic Carbon	0.074	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA1B01200909-11	N	Total Organic Carbon	0.072	1.9	1.9	PERCENT	
SW9060/NONE	SE	BA1B01200913-15	N	Total Organic Carbon	0.071	1.5	1.5	PERCENT	
SW9060/NONE	SE	BA1B01200917-19	N	Total Organic Carbon	0.072	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA1B01200921-23	N	Total Organic Carbon	0.073	2.5	2.5	PERCENT	
SW9060/NONE	SE	BA1B01200925-27	N	Total Organic Carbon	0.075	2.6	2.6	PERCENT	
SW9060/NONE	SE	BA1B01200929-31	N	Total Organic Carbon	0.077	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA1B01200933-35	N	Total Organic Carbon	0.072	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA1B01200937-39	N	Total Organic Carbon	0.074	1.8	1.8	PERCENT	
SW9060/NONE	SE	BA1B01200941-43	N	Total Organic Carbon	0.074	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA1B01200945-47	N	Total Organic Carbon	0.073	2.0	2.0	PERCENT	
SW9060/NONE	SE	BA1B01200949-51	N	Total Organic Carbon	0.073	1.6	1.6	PERCENT	
SW9060/NONE	SE	BA1B01200953-55	N	Total Organic Carbon	0.072	2.0	2.0	PERCENT	
SW9060/NONE	SE	BA1B01200957-59	N	Total Organic Carbon	0.072	1.8	1.8	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111743

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Report – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

2. **Pesticides (DDTs) by BNA-SIM**
   It was noted that the result for p,p'-DDT reported in sample BA1C01200921-23 was rejected due to extremely low matrix spike duplicate (SD) recovery as seen in the Rejected Results report.

3. **Moisture by SW9060**
   A matrix spike (MS) and laboratory duplicate (LR) were not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111743

Facility: EPA, Region 9

Event: PV Shelf - Sediment

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09111743, Certified - 2/2/2010 M by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Evin McKinney

Data Reviewer Title: Senior Scientist

Date of Review Report: 11-Feb-2010

Samples Included in SDG 09111743

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	14	0
D2216/NONE	14	0
PCBSIM/NONE	14	0
SW9060/NONE	14	0

AUTOMATED DATA REVIEW SUMMARY for 09111743

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111743. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Prep Hold Time

MS Recovery

BS RPD

LCS Recovery

Blank

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111743

Confirmation Column Difference

Field Blank

Calibration Blank

Equip Blank

Negative Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 09111743

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.87% (7 results) and the rejection of 0.12% (1 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

11-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111743

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L04	091201L04	NA	LABQC	SQ	LABQC	0991301325		12/01/2009 12:00	12/19/2009 10:48	LB
	091201L04	NA	LABQC	SQ	LABQC	0991301325		12/01/2009 12:00	12/19/2009 11:12	BS
	091201L04	NA	LABQC	SQ	LABQC	0991301325		12/01/2009 12:00	12/19/2009 11:36	BD
091201L05	091201L05	NA	LABQC	SQ	LABQC	0991301326		12/01/2009 12:00	12/20/2009 11:02	LB
	091201L05	NA	LABQC	SQ	LABQC	0991301326		12/01/2009 12:00	12/20/2009 11:25	BS
	091201L05	NA	LABQC	SQ	LABQC	0991301326		12/01/2009 12:00	12/20/2009 11:49	BD
091201S04	091201L04	NA	BA1C	SE	BA1C01200901	091117431		11/19/2009 12:00	12/21/2009 12:19	N
	091201L04	NA	BA1C	SE	BA1C01200901	091117431		11/19/2009 12:00	12/21/2009 12:19	N
	091201L04	NA	BA1C	SE	BA1C01200903	091117432		11/19/2009 12:00	12/21/2009 12:43	N
	091201L04	NA	BA1C	SE	BA1C01200903	091117432		11/19/2009 12:00	12/21/2009 12:43	N
	091201L04	NA	BA1C	SE	BA1C01200905	091117433		11/19/2009 12:00	12/21/2009 1:06	N
	091201L04	NA	BA1C	SE	BA1C01200905	091117433		11/19/2009 12:00	12/21/2009 1:06	N
	091201L04	NA	BA1C	SE	BA1C01200907	091117434		11/19/2009 12:00	12/21/2009 1:30	N
	091201L04	NA	BA1C	SE	BA1C01200907	091117434		11/19/2009 12:00	12/21/2009 1:30	N
091201S05P	091201L05	NA	BA1C	SE	BA1C01200945	0911174323		11/19/2009 12:00	12/21/2009 1:54	N
	091201L05	NA	BA1C	SE	BA1C01200945	0911174323		11/19/2009 12:00	12/21/2009 1:54	N
091201S05	091201L05	NA	BA1C	SE	BA1C01200909-11	0911174324		11/19/2009 12:00	12/21/2009 2:17	N
	091201L05	NA	BA1C	SE	BA1C01200909-11	0911174324		11/19/2009 12:00	12/21/2009 2:17	N
	091201L05	NA	BA1C	SE	BA1C01200913-15	0911174325		11/19/2009 12:00	12/21/2009 2:41	N
	091201L05	NA	BA1C	SE	BA1C01200913-15	0911174325		11/19/2009 12:00	12/21/2009 2:41	N
	091201L05	NA	BA1C	SE	BA1C01200917-19	0911174326		11/19/2009 12:00	12/21/2009 3:04	N
	091201L05	NA	BA1C	SE	BA1C01200917-19	0911174326		11/19/2009 12:00	12/21/2009 3:04	N
	091201L05	NA	BA1C	SE	BA1C01200921-23	0911174327		11/19/2009 12:00	12/21/2009 3:28	N

AUTOMATED DATA REVIEW SUMMARY for 09111743

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S05	091201L05	NA	BA1C	SE	BA1C01200921-23	0911174327		11/19/2009 12:00	12/21/2009 3:28	N
	091201L05	NA	BA1C	SE	BA1C01200925-27	0911174328		11/19/2009 12:00	12/21/2009 3:51	N
	091201L05	NA	BA1C	SE	BA1C01200925-27	0911174328		11/19/2009 12:00	12/21/2009 3:51	N
	091201L05	NA	BA1C	SE	BA1C01200929-31	0911174329		11/19/2009 12:00	12/21/2009 4:15	N
	091201L05	NA	BA1C	SE	BA1C01200929-31	0911174329		11/19/2009 12:00	12/21/2009 4:15	N
	091201L05	NA	BA1C	SE	BA1C01200933-35	0911174330		11/19/2009 12:00	12/21/2009 4:38	N
	091201L05	NA	BA1C	SE	BA1C01200933-35	0911174330		11/19/2009 12:00	12/21/2009 4:38	N
	091201L05	NA	BA1C	SE	BA1C01200937-39	0911174331		11/19/2009 12:00	12/21/2009 5:02	N
	091201L05	NA	BA1C	SE	BA1C01200937-39	0911174331		11/19/2009 12:00	12/21/2009 5:02	N
	091201L05	NA	BA1C	SE	BA1C01200941-43	0911174332		11/19/2009 12:00	12/21/2009 5:26	N
	091201L05	NA	BA1C	SE	BA1C01200941-43	0911174332		11/19/2009 12:00	12/21/2009 5:26	N
091201S04	091201L04	NA	BA1C	SE	BA1C01200901	091117431		11/19/2009 12:00	12/21/2009 3:24	N
	091201L04	NA	BA1C	SE	BA1C01200903	091117432		11/19/2009 12:00	12/21/2009 3:48	N
	091201L04	NA	BA1C	SE	BA1C01200905	091117433		11/19/2009 12:00	12/21/2009 4:11	N
	091201L04	NA	BA1C	SE	BA1C01200907	091117434		11/19/2009 12:00	12/21/2009 5:44	N
091201S05	091201L05	NA	BA1C	SE	BA1C01200909-11	0911174324		11/19/2009 12:00	12/21/2009 6:08	N
	091201L05	NA	BA1C	SE	BA1C01200913-15	0911174325		11/19/2009 12:00	12/21/2009 6:31	N
	091201L05	NA	BA1C	SE	BA1C01200917-19	0911174326		11/19/2009 12:00	12/21/2009 6:55	N
	091201L05	NA	BA1C	SE	BA1C01200921-23	0911174327		11/19/2009 12:00	12/21/2009 7:19	N

AUTOMATED DATA REVIEW SUMMARY for 09111743

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S05	091201L05	NA	BA1C	SE	BA1C01200925-27	0911174328		11/19/2009 12:00	12/21/2009 7:42	N
	091201L05	NA	BA1C	SE	BA1C01200929-31	0911174329		11/19/2009 12:00	12/21/2009 8:06	N
	091201L05	NA	BA1C	SE	BA1C01200933-35	0911174330		11/19/2009 12:00	12/21/2009 8:29	N
	091201L05	NA	BA1C	SE	BA1C01200937-39	0911174331		11/19/2009 12:00	12/21/2009 8:53	N
	091201L05	NA	BA1C	SE	BA1C01200941-43	0911174332		11/19/2009 12:00	12/21/2009 9:16	N
	091201L05	NA	BA1C	SE	BA1C01200921-23	0911174327		11/19/2009 12:00	12/22/2009 11:39	MS
	091201L05	NA	BA1C	SE	BA1C01200921-23	0911174327		11/19/2009 12:00	12/22/2009 12:02	SD

AUTOMATED DATA REVIEW SUMMARY for 09111743

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91124MOID2	NA	NA	BA1C	SE	BA1C01200925-27	0911174328		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200921-23	0911174327		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200937-39	0911174331		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200933-35	0911174330		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200929-31	0911174329		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200909-11	0911174324		11/19/2009 12:00	11/24/2009 1:00	LR
	NA	NA	BA1C	SE	BA1C01200909-11	0911174324		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200917-19	0911174326		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200913-15	0911174325		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200907	091117434		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200905	091117433		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200903	091117432		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200901	091117431		11/19/2009 12:00	11/24/2009 1:00	N
91124MOIB2	NA	NA	LABQC	SQ	LABQC	099050141608		11/24/2009 1:00	11/24/2009 1:00	LB
91124MOID2	NA	NA	BA1C	SE	BA1C01200941-43	0911174332		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1C	SE	BA1C01200945	0911174323		11/19/2009 12:00	11/24/2009 1:00	N

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L08	091201L08	NA	LABQC	SQ	LABQC	0991301759		12/01/2009 12:00	12/16/2009 6:59	LB
	091201L08	NA	LABQC	SQ	LABQC	0991301759		12/01/2009 12:00	12/16/2009 7:27	BS
	091201L08	NA	LABQC	SQ	LABQC	0991301759		12/01/2009 12:00	12/16/2009 7:57	BD

AUTOMATED DATA REVIEW SUMMARY for 09111743

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L09	091201L09	NA	LABQC	SQ	LABQC	0991301761		12/01/2009 12:00	12/18/2009 11:15	LB
	091201L09	NA	LABQC	SQ	LABQC	0991301761		12/01/2009 12:00	12/18/2009 11:45	BS
	091201L09	NA	LABQC	SQ	LABQC	0991301761		12/01/2009 12:00	12/18/2009 12:16	BD
091201S08	091201L08	NA	BA1C	SE	BA1C01200901	091117431		11/19/2009 12:00	12/18/2009 12:46	N
	091201L08	NA	BA1C	SE	BA1C01200901	091117431		11/19/2009 12:00	12/18/2009 12:46	N
	091201L08	NA	BA1C	SE	BA1C01200903	091117432		11/19/2009 12:00	12/18/2009 1:15	N
	091201L08	NA	BA1C	SE	BA1C01200903	091117432		11/19/2009 12:00	12/18/2009 1:15	N
	091201L08	NA	BA1C	SE	BA1C01200905	091117433		11/19/2009 12:00	12/18/2009 1:44	N
	091201L08	NA	BA1C	SE	BA1C01200905	091117433		11/19/2009 12:00	12/18/2009 1:44	N
	091201L08	NA	BA1C	SE	BA1C01200907	091117434		11/19/2009 12:00	12/18/2009 2:17	N
	091201L08	NA	BA1C	SE	BA1C01200907	091117434		11/19/2009 12:00	12/18/2009 2:17	N
091201S09	091201L09	NA	BA1C	SE	BA1C01200945	0911174323		11/19/2009 12:00	12/18/2009 2:47	N
	091201L09	NA	BA1C	SE	BA1C01200945	0911174323		11/19/2009 12:00	12/18/2009 2:47	N
	091201L09	NA	BA1C	SE	BA1C01200909-11	0911174324		11/19/2009 12:00	12/18/2009 3:18	N
	091201L09	NA	BA1C	SE	BA1C01200909-11	0911174324		11/19/2009 12:00	12/18/2009 3:18	N
	091201L09	NA	BA1C	SE	BA1C01200913-15	0911174325		11/19/2009 12:00	12/18/2009 3:49	N
	091201L09	NA	BA1C	SE	BA1C01200913-15	0911174325		11/19/2009 12:00	12/18/2009 3:49	N
	091201L09	NA	BA1C	SE	BA1C01200917-19	0911174326		11/19/2009 12:00	12/18/2009 4:19	N
	091201L09	NA	BA1C	SE	BA1C01200917-19	0911174326		11/19/2009 12:00	12/18/2009 4:19	N
	091201L09	NA	BA1C	SE	BA1C01200921-23	0911174327		11/19/2009 12:00	12/18/2009 5:51	N
	091201L09	NA	BA1C	SE	BA1C01200921-23	0911174327		11/19/2009 12:00	12/18/2009 5:51	N
	091201L09	NA	BA1C	SE	BA1C01200925-27	0911174328		11/19/2009 12:00	12/18/2009 6:21	N

AUTOMATED DATA REVIEW SUMMARY for 09111743

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S09	091201L09	NA	BA1C	SE	BA1C01200925-27	0911174328		11/19/2009 12:00	12/18/2009 6:21	N
	091201L09	NA	BA1C	SE	BA1C01200929-31	0911174329		11/19/2009 12:00	12/18/2009 6:52	N
	091201L09	NA	BA1C	SE	BA1C01200929-31	0911174329		11/19/2009 12:00	12/18/2009 6:52	N
	091201L09	NA	BA1C	SE	BA1C01200933-35	0911174330		11/19/2009 12:00	12/18/2009 7:21	N
	091201L09	NA	BA1C	SE	BA1C01200933-35	0911174330		11/19/2009 12:00	12/18/2009 7:21	N
	091201L09	NA	BA1C	SE	BA1C01200937-39	0911174331		11/19/2009 12:00	12/18/2009 7:51	N
	091201L09	NA	BA1C	SE	BA1C01200937-39	0911174331		11/19/2009 12:00	12/18/2009 7:51	N
	091201L09	NA	BA1C	SE	BA1C01200941-43	0911174332		11/19/2009 12:00	12/18/2009 8:20	N
	091201L09	NA	BA1C	SE	BA1C01200941-43	0911174332		11/19/2009 12:00	12/18/2009 8:20	N
	091201L09	NA	BA1C	SE	BA1C01200929-31	0911174329		11/19/2009 12:00	12/18/2009 8:49	MS
	091201L09	NA	BA1C	SE	BA1C01200929-31	0911174329		11/19/2009 12:00	12/18/2009 9:18	SD

AUTOMATED DATA REVIEW SUMMARY for 09111743

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91218TOCS1	NA	NA	BA1C	SE	BA1C01200937-39	0911174331		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200933-35	0911174330		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200929-31	0911174329		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200925-27	0911174328		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200921-23	0911174327		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200917-19	0911174326		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200913-15	0911174325		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200909-11	0911174324		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200907	091117434		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200905	091117433		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200903	091117432		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200901	091117431		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200941-43	0911174332		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA1C	SE	BA1C01200945	0911174323		11/19/2009 12:00	12/18/2009 1:16	N
91218TOCL1	NA	NA	LABQC	SQ	LABQC	09906013435		12/18/2009 1:16	12/18/2009 1:16	BS
	NA	NA	LABQC	SQ	LABQC	09906013435		12/18/2009 1:16	12/18/2009 1:16	LB

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / MS	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / MS	1	o,p'-DDD	145	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / SD	1	o,p'-DDD	174	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / MS	1	o,p'-DDT	32.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / SD	1	o,p'-DDT	17.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / MS	1	p,p'-DDD	179	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / SD	1	p,p'-DDD	197	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / MS	1	p,p'-DDE	42.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / SD	1	p,p'-DDE	12.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / MS	1	p,p'-DDT	20.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA1C01200921-23 / SD	1	p,p'-DDT	9.0	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	BA1C01200921-23 / SD	1	1,1-bis(p-chlorophenyl) ethane	52.8	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	BA1C01200921-23 / SD	1	o,p'-DDT	61.2	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	BA1C01200921-23 / SD	1	p,p'-DDE	111	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	BA1C01200921-23 / SD	1	p,p'-DDT	75.9	RPD	J/UJ	< 30	< 60	D2	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,4,4'-TRICHLOROBIPHENYL	10.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,4,4'-TRICHLOROBIPHENYL	8.3	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	4.0 J	4.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.8	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,4,4'-TRICHLOROBIPHENYL	7.6	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	3.0 J	3.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.7	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.7	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.7	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.7	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.7	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,4'-DICHLOROBIPHENYL	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.7	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.7	5.1 J	5.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.7	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.7	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,4'-DICHLOROBIPHENYL	7.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.9	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.9	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.9	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.9	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.9	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.9	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.6	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.6	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',5-TRICHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,4,4'-TRICHLOROBIPHENYL	7.6	5.8 J	5.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	2.2 J	2.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,4,4'-TRICHLOROBIPHENYL	7.1	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',5-TRICHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	6.6 J	6.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.3	6.3 J	6.3 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1C01200901	N	o,p'-DDT	10.0	10.0	10.0 J	ug/kg	TR
BNASIM/NONE	SE	BA1C01200921-23	N	o,p'-DDD	7.9	44.0	44.0 J	ug/kg	M
BNASIM/NONE	SE	BA1C01200921-23	N	p,p'-DDD	7.9	78.0	78.0 J	ug/kg	M
BNASIM/NONE	SE	BA1C01200921-23	N	p,p'-DDE	79.0	3000 D	3000 J	ug/kg	MD2
BNASIM/NONE	SE	BA1C01200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	79.0	3200 D	3200 J	ug/kg	M
BNASIM/NONE	SE	BA1C01200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.9	390	390 J	ug/kg	D2
BNASIM/NONE	SE	BA1C01200921-23	N	o,p'-DDT	7.9	6.5 J	6.5 J	ug/kg	MD2TR
BNASIM/NONE	SE	BA1C01200921-23	N	p,p'-DDT	7.9	7.9 U	7.9 R	ug/kg	MD2
BNASIM/NONE	SE	BA1C01200937-39	N	o,p'-DDT	7.3	4.3 J	4.3 J	ug/kg	TR
BNASIM/NONE	SE	BA1C01200945	N	p,p'-DDD	7.1	5.1 J	5.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1C01200901	N	o,p'-DDD	10.0	23.0	23.0	ug/kg	
BNASIM/NONE	SE	BA1C01200901	N	p,p'-DDD	10.0	48.0	48.0	ug/kg	
BNASIM/NONE	SE	BA1C01200901	N	o,p'-DDE	10.0	250	250	ug/kg	
BNASIM/NONE	SE	BA1C01200901	N	p,p'-DDE	51.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	BA1C01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	10.0	560	560	ug/kg	
BNASIM/NONE	SE	BA1C01200901	N	1,1-bis(p-chlorophenyl)ethane	10.0	77.0	77.0	ug/kg	
BNASIM/NONE	SE	BA1C01200901	N	o,p'-DDT	10.0	10.0	10.0 J	ug/kg	TR
BNASIM/NONE	SE	BA1C01200903	N	o,p'-DDD	8.3	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA1C01200903	N	p,p'-DDD	8.3	48.0	48.0	ug/kg	
BNASIM/NONE	SE	BA1C01200903	N	o,p'-DDE	8.3	200	200	ug/kg	
BNASIM/NONE	SE	BA1C01200903	N	p,p'-DDE	41.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	BA1C01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	420	420	ug/kg	
BNASIM/NONE	SE	BA1C01200903	N	1,1-bis(p-chlorophenyl)ethane	8.3	59.0	59.0	ug/kg	
BNASIM/NONE	SE	BA1C01200905	N	o,p'-DDD	7.8	21.0	21.0	ug/kg	
BNASIM/NONE	SE	BA1C01200905	N	p,p'-DDD	7.8	49.0	49.0	ug/kg	
BNASIM/NONE	SE	BA1C01200905	N	o,p'-DDE	7.8	260	260	ug/kg	
BNASIM/NONE	SE	BA1C01200905	N	p,p'-DDE	78.0	1900 D	1900	ug/kg	
BNASIM/NONE	SE	BA1C01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	510	510	ug/kg	
BNASIM/NONE	SE	BA1C01200905	N	1,1-bis(p-chlorophenyl)ethane	7.8	68.0	68.0	ug/kg	
BNASIM/NONE	SE	BA1C01200907	N	o,p'-DDD	7.6	21.0	21.0	ug/kg	
BNASIM/NONE	SE	BA1C01200907	N	p,p'-DDD	7.6	50.0	50.0	ug/kg	
BNASIM/NONE	SE	BA1C01200907	N	o,p'-DDE	7.6	260	260	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1C01200907	N	p,p'-DDE	76.0	1800 D	1800	ug/kg	
BNASIM/NONE	SE	BA1C01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	480	480	ug/kg	
BNASIM/NONE	SE	BA1C01200907	N	1,1-bis(p-chlorophenyl)ethane	7.6	67.0	67.0	ug/kg	
BNASIM/NONE	SE	BA1C01200909-11	N	o,p'-DDD	7.7	17.0	17.0	ug/kg	
BNASIM/NONE	SE	BA1C01200909-11	N	p,p'-DDD	7.7	46.0	46.0	ug/kg	
BNASIM/NONE	SE	BA1C01200909-11	N	o,p'-DDE	7.7	230	230	ug/kg	
BNASIM/NONE	SE	BA1C01200909-11	N	p,p'-DDE	38.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	BA1C01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	510	510	ug/kg	
BNASIM/NONE	SE	BA1C01200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.7	88.0	88.0	ug/kg	
BNASIM/NONE	SE	BA1C01200913-15	N	o,p'-DDD	7.7	24.0	24.0	ug/kg	
BNASIM/NONE	SE	BA1C01200913-15	N	p,p'-DDD	7.7	36.0	36.0	ug/kg	
BNASIM/NONE	SE	BA1C01200913-15	N	o,p'-DDE	7.7	340	340	ug/kg	
BNASIM/NONE	SE	BA1C01200913-15	N	p,p'-DDE	77.0	2100 D	2100	ug/kg	
BNASIM/NONE	SE	BA1C01200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	77.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	BA1C01200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.7	140	140	ug/kg	
BNASIM/NONE	SE	BA1C01200917-19	N	o,p'-DDD	7.7	34.0	34.0	ug/kg	
BNASIM/NONE	SE	BA1C01200917-19	N	p,p'-DDD	7.7	51.0	51.0	ug/kg	
BNASIM/NONE	SE	BA1C01200917-19	N	o,p'-DDE	7.7	560	560	ug/kg	
BNASIM/NONE	SE	BA1C01200917-19	N	p,p'-DDE	77.0	3100 D	3100	ug/kg	
BNASIM/NONE	SE	BA1C01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	77.0	2100 D	2100	ug/kg	
BNASIM/NONE	SE	BA1C01200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.7	270	270	ug/kg	
BNASIM/NONE	SE	BA1C01200917-19	N	o,p'-DDT	7.7	8.0	8.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1C01200921-23	N	o,p'-DDD	7.9	44.0	44.0 J	ug/kg	M
BNASIM/NONE	SE	BA1C01200921-23	N	p,p'-DDD	7.9	78.0	78.0 J	ug/kg	M
BNASIM/NONE	SE	BA1C01200921-23	N	o,p'-DDE	7.9	690	690	ug/kg	
BNASIM/NONE	SE	BA1C01200921-23	N	p,p'-DDE	79.0	3000 D	3000 J	ug/kg	MD2
BNASIM/NONE	SE	BA1C01200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	79.0	3200 D	3200 J	ug/kg	M
BNASIM/NONE	SE	BA1C01200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.9	390	390 J	ug/kg	D2
BNASIM/NONE	SE	BA1C01200921-23	N	o,p'-DDT	7.9	6.5 J	6.5 J	ug/kg	MD2TR
BNASIM/NONE	SE	BA1C01200925-27	N	o,p'-DDD	7.6	27.0	27.0	ug/kg	
BNASIM/NONE	SE	BA1C01200925-27	N	p,p'-DDD	7.6	58.0	58.0	ug/kg	
BNASIM/NONE	SE	BA1C01200925-27	N	o,p'-DDE	7.6	390	390	ug/kg	
BNASIM/NONE	SE	BA1C01200925-27	N	p,p'-DDE	76.0	1800 D	1800	ug/kg	
BNASIM/NONE	SE	BA1C01200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	76.0	1700 D	1700	ug/kg	
BNASIM/NONE	SE	BA1C01200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.6	230	230	ug/kg	
BNASIM/NONE	SE	BA1C01200929-31	N	o,p'-DDD	7.1	12.0	12.0	ug/kg	
BNASIM/NONE	SE	BA1C01200929-31	N	p,p'-DDD	7.1	38.0	38.0	ug/kg	
BNASIM/NONE	SE	BA1C01200929-31	N	o,p'-DDE	7.1	160	160	ug/kg	
BNASIM/NONE	SE	BA1C01200929-31	N	p,p'-DDE	35.0	700 D	700	ug/kg	
BNASIM/NONE	SE	BA1C01200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	600	600	ug/kg	
BNASIM/NONE	SE	BA1C01200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.1	93.0	93.0	ug/kg	
BNASIM/NONE	SE	BA1C01200933-35	N	o,p'-DDD	7.3	14.0	14.0	ug/kg	
BNASIM/NONE	SE	BA1C01200933-35	N	p,p'-DDD	7.3	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA1C01200933-35	N	o,p'-DDE	7.3	210	210	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1C01200933-35	N	p,p'-DDE	37.0	860 D	860	ug/kg	
BNASIM/NONE	SE	BA1C01200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	37.0	910 D	910	ug/kg	
BNASIM/NONE	SE	BA1C01200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.3	140	140	ug/kg	
BNASIM/NONE	SE	BA1C01200937-39	N	o,p'-DDD	7.3	12.0	12.0	ug/kg	
BNASIM/NONE	SE	BA1C01200937-39	N	p,p'-DDD	7.3	15.0	15.0	ug/kg	
BNASIM/NONE	SE	BA1C01200937-39	N	o,p'-DDE	7.3	220	220	ug/kg	
BNASIM/NONE	SE	BA1C01200937-39	N	p,p'-DDE	37.0	1000 D	1000	ug/kg	
BNASIM/NONE	SE	BA1C01200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	730	730	ug/kg	
BNASIM/NONE	SE	BA1C01200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.3	140	140	ug/kg	
BNASIM/NONE	SE	BA1C01200937-39	N	o,p'-DDT	7.3	4.3 J	4.3 J	ug/kg	TR
BNASIM/NONE	SE	BA1C01200941-43	N	o,p'-DDD	7.3	13.0	13.0	ug/kg	
BNASIM/NONE	SE	BA1C01200941-43	N	p,p'-DDD	7.3	19.0	19.0	ug/kg	
BNASIM/NONE	SE	BA1C01200941-43	N	o,p'-DDE	7.3	230	230	ug/kg	
BNASIM/NONE	SE	BA1C01200941-43	N	p,p'-DDE	37.0	920 D	920	ug/kg	
BNASIM/NONE	SE	BA1C01200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	37.0	970 D	970	ug/kg	
BNASIM/NONE	SE	BA1C01200941-43	N	1,1-bis(p-chlorophenyl)ethane	7.3	170	170	ug/kg	
BNASIM/NONE	SE	BA1C01200945	N	p,p'-DDD	7.1	5.1 J	5.1 J	ug/kg	TR
BNASIM/NONE	SE	BA1C01200945	N	o,p'-DDE	7.1	41.0	41.0	ug/kg	
BNASIM/NONE	SE	BA1C01200945	N	p,p'-DDE	7.1	230	230	ug/kg	
BNASIM/NONE	SE	BA1C01200945	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	92.0	92.0	ug/kg	
BNASIM/NONE	SE	BA1C01200945	N	1,1-bis(p-chlorophenyl)ethane	7.1	26.0	26.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200901	N	2,3',4,4',5-Pentachlorobiphenyl	10.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200901	N	PCB-138/158	10.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200901	N	2,4,4'-TRICHLOROBIPHENYL	10.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.3	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	BA1C01200903	N	PCB-138/158	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	5.5 J	5.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200903	N	2,4,4'-TRICHLOROBIPHENYL	8.3	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	PCB-138/158	7.8	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.8	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	4.1 J	4.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	PCB-138/158	7.6	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200907	N	2,4,4'-TRICHLOROBIPHENYL	7.6	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.7	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200909-11	N	PCB-138/158	7.7	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	BA1C01200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.7	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.7	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.7	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	PCB-138/158	7.7	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	BA1C01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	14.0	14.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.7	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,4'-DICHLOROBIPHENYL	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	8.1	8.1	ug/kg	
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.7	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	PCB-138/158	7.7	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.7	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.7	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.7	9.1	9.1	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200921-23	N	2,4'-DICHLOROBIPHENYL	7.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.9	8.1	8.1	ug/kg	
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.9	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.9	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.9	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200921-23	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.9	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	PCB-138/158	7.9	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.9	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.9	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.9	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.9	8.4	8.4	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.9	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	7.9	7.9	ug/kg	
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.6	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	PCB-138/158	7.6	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.6	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,2',5-TRICHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200925-27	N	2,4,4'-TRICHLOROBIPHENYL	7.6	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	2.2 J	2.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	7.9	7.9	ug/kg	
PCBSIM/NONE	SE	BA1C01200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	7.3	7.3	ug/kg	
PCBSIM/NONE	SE	BA1C01200929-31	N	PCB-138/158	7.1	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	BA1C01200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	8.3	8.3	ug/kg	
PCBSIM/NONE	SE	BA1C01200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200929-31	N	2,4,4'-TRICHLOROBIPHENYL	7.1	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	BA1C01200933-35	N	PCB-138/158	7.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	BA1C01200933-35	N	2,2',5-TRICHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200937-39	N	PCB-138/158	7.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	BA1C01200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200941-43	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200941-43	N	PCB-138/158	7.3	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1C01200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA1C01200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.3	6.3 J	6.3 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA1C01200901	N	Moisture	0.10	51.2	51.2	PERCENT	
D2216/NONE	SE	BA1C01200903	N	Moisture	0.10	39.5	39.5	PERCENT	
D2216/NONE	SE	BA1C01200905	N	Moisture	0.10	35.5	35.5	PERCENT	
D2216/NONE	SE	BA1C01200907	N	Moisture	0.10	34.3	34.3	PERCENT	
D2216/NONE	SE	BA1C01200909-11	N	Moisture	0.10	35.0	35.0	PERCENT	
D2216/NONE	SE	BA1C01200913-15	N	Moisture	0.10	35.3	35.3	PERCENT	
D2216/NONE	SE	BA1C01200917-19	N	Moisture	0.10	35.2	35.2	PERCENT	
D2216/NONE	SE	BA1C01200921-23	N	Moisture	0.10	36.7	36.7	PERCENT	
D2216/NONE	SE	BA1C01200925-27	N	Moisture	0.10	34.2	34.2	PERCENT	
D2216/NONE	SE	BA1C01200929-31	N	Moisture	0.10	29.5	29.5	PERCENT	
D2216/NONE	SE	BA1C01200933-35	N	Moisture	0.10	31.7	31.7	PERCENT	
D2216/NONE	SE	BA1C01200937-39	N	Moisture	0.10	31.8	31.8	PERCENT	
D2216/NONE	SE	BA1C01200941-43	N	Moisture	0.10	31.9	31.9	PERCENT	
D2216/NONE	SE	BA1C01200945	N	Moisture	0.10	29.9	29.9	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA1C01200901	N	Total Organic Carbon	0.10	2.2	2.2	PERCENT	
SW9060/NONE	SE	BA1C01200903	N	Total Organic Carbon	0.083	1.9	1.9	PERCENT	
SW9060/NONE	SE	BA1C01200905	N	Total Organic Carbon	0.078	2.5	2.5	PERCENT	
SW9060/NONE	SE	BA1C01200907	N	Total Organic Carbon	0.076	2.0	2.0	PERCENT	
SW9060/NONE	SE	BA1C01200909-11	N	Total Organic Carbon	0.077	2.6	2.6	PERCENT	
SW9060/NONE	SE	BA1C01200913-15	N	Total Organic Carbon	0.077	2.2	2.2	PERCENT	
SW9060/NONE	SE	BA1C01200917-19	N	Total Organic Carbon	0.077	2.3	2.3	PERCENT	
SW9060/NONE	SE	BA1C01200921-23	N	Total Organic Carbon	0.079	2.5	2.5	PERCENT	
SW9060/NONE	SE	BA1C01200925-27	N	Total Organic Carbon	0.076	1.8	1.8	PERCENT	
SW9060/NONE	SE	BA1C01200929-31	N	Total Organic Carbon	0.071	1.8	1.8	PERCENT	
SW9060/NONE	SE	BA1C01200933-35	N	Total Organic Carbon	0.073	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA1C01200937-39	N	Total Organic Carbon	0.073	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA1C01200941-43	N	Total Organic Carbon	0.073	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA1C01200945	N	Total Organic Carbon	0.071	1.8	1.8	PERCENT	

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1C01200921-23	N	p,p'-DDT	7.9	7.9 U	R	ug/kg	MD2

ADR CASE NARRATIVE

Laboratory ID: SDG 09111744

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

2. **Moisture by D2216**
   A laboratory duplicate (LR) was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

3. **PCB Congeners by PCB-SIM**
   An MS was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111744

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111744, Certified - 2/2/2010 M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Evin McKinney
Data Reviewer Title:	Senior Scientist
Date of Review Report:	11-Feb-2010

Samples Included in SDG 09111744

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	9	0
D2216/NONE	9	0
PCBSIM/NONE	9	0
SW9060/NONE	9	0

AUTOMATED DATA REVIEW SUMMARY for 09111744

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111744. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Prep Hold Time

MS Recovery

BS RPD

LCS Recovery

Test Hold Time

MS RPD

Surrogate

Blank

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Negative Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Confirmation Column Difference

Field Blank

Lab Replicate RPD

Calibration Blank

Equip Blank

Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 09111744

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.22% (1 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

11-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111744

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L05	091201L05	NA	LABQC	SQ	LABQC	0991301326		12/01/2009 12:00	12/20/2009 11:02	LB
	091201L05	NA	LABQC	SQ	LABQC	0991301326		12/01/2009 12:00	12/20/2009 11:25	BS
	091201L05	NA	LABQC	SQ	LABQC	0991301326		12/01/2009 12:00	12/20/2009 11:49	BD
091201S05	091201L05	NA	BA1DC	SE	BA1DC01200901	091117441		11/19/2009 12:00	12/21/2009 9:40	N
	091201L05	NA	BA1DC	SE	BA1DC01200901	091117441		11/19/2009 12:00	12/21/2009 9:40	N
	091201L05	NA	BA1DC	SE	BA1DC01200903	091117442		11/19/2009 12:00	12/21/2009 10:03	N
	091201L05	NA	BA1DC	SE	BA1DC01200903	091117442		11/19/2009 12:00	12/21/2009 10:03	N
	091201L05	NA	BA1DC	SE	BA1DC01200905	091117443		11/19/2009 12:00	12/21/2009 10:27	N
	091201L05	NA	BA1DC	SE	BA1DC01200905	091117443		11/19/2009 12:00	12/21/2009 10:27	N
	091201L05	NA	BA1DC	SE	BA1DC01200907	091117444		11/19/2009 12:00	12/21/2009 10:50	N
	091201L05	NA	BA1DC	SE	BA1DC01200907	091117444		11/19/2009 12:00	12/21/2009 10:50	N
	091201L05	NA	BA1DC	SE	BA1DC01200925	0911174413		11/19/2009 12:00	12/21/2009 11:14	N
	091201L05	NA	BA1DC	SE	BA1DC01200925	0911174413		11/19/2009 12:00	12/21/2009 11:14	N
	091201L05	NA	BA1DC	SE	BA1DC01200909-11	0911174414		11/19/2009 12:00	12/21/2009 11:38	N
	091201L05	NA	BA1DC	SE	BA1DC01200909-11	0911174414		11/19/2009 12:00	12/21/2009 11:38	N
	091201L05	NA	BA1DC	SE	BA1DC01200913-15	0911174415		11/19/2009 12:00	12/22/2009 12:01	N
	091201L05	NA	BA1DC	SE	BA1DC01200913-15	0911174415		11/19/2009 12:00	12/22/2009 12:01	N
	091201L05	NA	BA1DC	SE	BA1DC01200917-19	0911174416		11/19/2009 12:00	12/22/2009 12:25	N
	091201L05	NA	BA1DC	SE	BA1DC01200917-19	0911174416		11/19/2009 12:00	12/22/2009 12:25	N
	091201L05	NA	BA1DC	SE	BA1DC01200921-23	0911174417		11/19/2009 12:00	12/22/2009 12:48	N
	091201L05	NA	BA1DC	SE	BA1DC01200921-23	0911174417		11/19/2009 12:00	12/22/2009 12:48	N
	091201L05	NA	BA1DC	SE	BA1DC01200913-15	0911174415		11/19/2009 12:00	12/22/2009 1:13	N

AUTOMATED DATA REVIEW SUMMARY for 09111744

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201S05	091201L05	NA	BA1DC	SE	BA1DC01200917-19	0911174416		11/19/2009 12:00	12/22/2009 1:37	N
	091201L05	NA	BA1DC	SE	BA1DC01200921-23	0911174417		11/19/2009 12:00	12/22/2009 2:00	N

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91124MOID2	NA	NA	BA1DC	SE	BA1DC01200925	0911174413		11/19/2009 12:00	11/24/2009 1:00	N
91124MOIB2	NA	NA	LABQC	SQ	LABQC	099050141608		11/24/2009 1:00	11/24/2009 1:00	LB
91124MOID2	NA	NA	BA1DC	SE	BA1DC01200921-23	0911174417		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1DC	SE	BA1DC01200917-19	0911174416		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1DC	SE	BA1DC01200913-15	0911174415		11/19/2009 12:00	11/24/2009 1:00	N
	NA	NA	BA1DC	SE	BA1DC01200909-11	0911174414		11/19/2009 12:00	11/24/2009 1:00	N
91124MOID4	NA	NA	BA1DC	SE	BA1DC01200907	091117444		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	BA1DC	SE	BA1DC01200905	091117443		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	BA1DC	SE	BA1DC01200903	091117442		11/19/2009 12:00	11/24/2009 4:00	N
	NA	NA	BA1DC	SE	BA1DC01200901	091117441		11/19/2009 12:00	11/24/2009 4:00	N
91124MOIB4	NA	NA	LABQC	SQ	LABQC	099050141607		11/24/2009 4:00	11/24/2009 4:00	LB

AUTOMATED DATA REVIEW SUMMARY for 09111744

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091201L09	091201L09	NA	LABQC	SQ	LABQC	0991301761		12/01/2009 12:00	12/18/2009 11:15	LB
	091201L09	NA	LABQC	SQ	LABQC	0991301761		12/01/2009 12:00	12/18/2009 11:45	BS
	091201L09	NA	LABQC	SQ	LABQC	0991301761		12/01/2009 12:00	12/18/2009 12:16	BD
091201S09	091201L09	NA	BA1DC	SE	BA1DC01200901	091117441		11/19/2009 12:00	12/19/2009 1:41	N
	091201L09	NA	BA1DC	SE	BA1DC01200901	091117441		11/19/2009 12:00	12/19/2009 1:41	N
	091201L09	NA	BA1DC	SE	BA1DC01200903	091117442		11/19/2009 12:00	12/19/2009 2:09	N
	091201L09	NA	BA1DC	SE	BA1DC01200903	091117442		11/19/2009 12:00	12/19/2009 2:09	N
	091201L09	NA	BA1DC	SE	BA1DC01200905	091117443		11/19/2009 12:00	12/19/2009 2:41	N
	091201L09	NA	BA1DC	SE	BA1DC01200905	091117443		11/19/2009 12:00	12/19/2009 2:41	N
	091201L09	NA	BA1DC	SE	BA1DC01200907	091117444		11/19/2009 12:00	12/19/2009 3:09	N
	091201L09	NA	BA1DC	SE	BA1DC01200907	091117444		11/19/2009 12:00	12/19/2009 3:09	N
	091201L09	NA	BA1DC	SE	BA1DC01200925	0911174413		11/19/2009 12:00	12/19/2009 3:38	N
	091201L09	NA	BA1DC	SE	BA1DC01200925	0911174413		11/19/2009 12:00	12/19/2009 3:38	N
	091201L09	NA	BA1DC	SE	BA1DC01200909-11	0911174414		11/19/2009 12:00	12/19/2009 4:06	N
	091201L09	NA	BA1DC	SE	BA1DC01200909-11	0911174414		11/19/2009 12:00	12/19/2009 4:06	N
	091201L09	NA	BA1DC	SE	BA1DC01200913-15	0911174415		11/19/2009 12:00	12/19/2009 4:35	N
	091201L09	NA	BA1DC	SE	BA1DC01200913-15	0911174415		11/19/2009 12:00	12/19/2009 4:35	N
	091201L09	NA	BA1DC	SE	BA1DC01200917-19	0911174416		11/19/2009 12:00	12/19/2009 4:28	N
	091201L09	NA	BA1DC	SE	BA1DC01200917-19	0911174416		11/19/2009 12:00	12/19/2009 4:28	N
	091201L09	NA	BA1DC	SE	BA1DC01200921-23	0911174417		11/19/2009 12:00	12/19/2009 4:58	N
	091201L09	NA	BA1DC	SE	BA1DC01200921-23	0911174417		11/19/2009 12:00	12/19/2009 4:58	N

AUTOMATED DATA REVIEW SUMMARY for 09111744

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91216TOCS1	NA	NA	BA1DC	SE	BA1DC01200921-23	0911174417		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	BA1DC	SE	BA1DC01200917-19	0911174416		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	BA1DC	SE	BA1DC01200913-15	0911174415		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	BA1DC	SE	BA1DC01200909-11	0911174414		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	BA1DC	SE	BA1DC01200907	091117444		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	BA1DC	SE	BA1DC01200905	091117443		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	BA1DC	SE	BA1DC01200903	091117442		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	BA1DC	SE	BA1DC01200901	091117441		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	BA1DC	SE	BA1DC01200925	0911174413		11/19/2009 12:00	12/16/2009 3:35	N
	NA	NA	BA1DC	SE	BA1DC01200921-23	0911174417		11/19/2009 12:00	12/16/2009 3:35	SD
	NA	NA	BA1DC	SE	BA1DC01200921-23	0911174417		11/19/2009 12:00	12/16/2009 3:35	MS
91216TOCL1	NA	NA	LABQC	SQ	LABQC	09906013434		12/16/2009 3:35	12/16/2009 3:35	BD
	NA	NA	LABQC	SQ	LABQC	09906013434		12/16/2009 3:35	12/16/2009 3:35	BS
	NA	NA	LABQC	SQ	LABQC	09906013434		12/16/2009 3:35	12/16/2009 3:35	LB

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
SW9060 / NONE	MS Recovery	BA1DC01200921-23 / MS	1	Total Organic Carbon	65.0	PERCENT	J/UJ	75 - 125	50 - 135	M	C2
SW9060 / NONE	MS Recovery	BA1DC01200921-23 / SD	1	Total Organic Carbon	55.0	PERCENT	J/UJ	75 - 125	50 - 135	M	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1DC01200901	N	o,p'-DDD	8.1	6.6 J	6.6 J	ug/kg	TR
BNASIM/NONE	SE	BA1DC01200903	N	o,p'-DDD	7.2	6.7 J	6.7 J	ug/kg	TR
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
PCBSIM/NONE	SE	BA1DC01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200901	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200909-11	N	PCB-138/158	7.2	5.6 J	5.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1DC01200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	2.2 J	2.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	PCB-138/158	7.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,4'-DICHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.1	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.1	5.3 J	5.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.1	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	6.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.3	2.2 J	2.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	6.3	2.1 J	2.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	6.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	6.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',5-TRICHLOROBIPHENYL	6.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	6.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	PCB-138/158	7.2	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.8 J	3.8 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA1DC01200921-23	N	Total Organic Carbon	0.063	2.5	2.5 J	PERCENT	M

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1DC01200901	N	o,p'-DDD	8.1	6.6 J	6.6 J	ug/kg	TR
BNASIM/NONE	SE	BA1DC01200901	N	p,p'-DDD	8.1	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200901	N	o,p'-DDE	8.1	56.0	56.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200901	N	p,p'-DDE	8.1	350	350	ug/kg	
BNASIM/NONE	SE	BA1DC01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.1	120	120	ug/kg	
BNASIM/NONE	SE	BA1DC01200901	N	1,1-bis(p-chlorophenyl)ethane	8.1	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200903	N	o,p'-DDD	7.2	6.7 J	6.7 J	ug/kg	TR
BNASIM/NONE	SE	BA1DC01200903	N	p,p'-DDD	7.2	17.0	17.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200903	N	o,p'-DDE	7.2	57.0	57.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200903	N	p,p'-DDE	7.2	360	360	ug/kg	
BNASIM/NONE	SE	BA1DC01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	120	120	ug/kg	
BNASIM/NONE	SE	BA1DC01200903	N	1,1-bis(p-chlorophenyl)ethane	7.2	17.0	17.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200905	N	o,p'-DDD	7.2	7.6	7.6	ug/kg	
BNASIM/NONE	SE	BA1DC01200905	N	p,p'-DDD	7.2	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200905	N	o,p'-DDE	7.2	64.0	64.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200905	N	p,p'-DDE	7.2	440	440	ug/kg	
BNASIM/NONE	SE	BA1DC01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	110	110	ug/kg	
BNASIM/NONE	SE	BA1DC01200905	N	1,1-bis(p-chlorophenyl)ethane	7.2	16.0	16.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200907	N	o,p'-DDD	7.1	9.3	9.3	ug/kg	
BNASIM/NONE	SE	BA1DC01200907	N	p,p'-DDD	7.1	19.0	19.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200907	N	o,p'-DDE	7.1	69.0	69.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200907	N	p,p'-DDE	7.1	480	480	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1DC01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	120	120	ug/kg	
BNASIM/NONE	SE	BA1DC01200907	N	1,1-bis(p-chlorophenyl)ethane	7.1	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200909-11	N	o,p'-DDD	7.2	9.2	9.2	ug/kg	
BNASIM/NONE	SE	BA1DC01200909-11	N	p,p'-DDD	7.2	27.0	27.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200909-11	N	o,p'-DDE	7.2	91.0	91.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200909-11	N	p,p'-DDE	7.2	600	600	ug/kg	
BNASIM/NONE	SE	BA1DC01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	170	170	ug/kg	
BNASIM/NONE	SE	BA1DC01200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.2	29.0	29.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200913-15	N	o,p'-DDD	7.2	15.0	15.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200913-15	N	p,p'-DDD	7.2	24.0	24.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200913-15	N	o,p'-DDE	7.2	120	120	ug/kg	
BNASIM/NONE	SE	BA1DC01200913-15	N	p,p'-DDE	36.0	730 D	730	ug/kg	
BNASIM/NONE	SE	BA1DC01200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	270	270	ug/kg	
BNASIM/NONE	SE	BA1DC01200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.2	52.0	52.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200917-19	N	o,p'-DDD	7.1	26.0	26.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200917-19	N	p,p'-DDD	7.1	51.0	51.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200917-19	N	o,p'-DDE	7.1	220	220	ug/kg	
BNASIM/NONE	SE	BA1DC01200917-19	N	p,p'-DDE	35.0	1000 D	1000	ug/kg	
BNASIM/NONE	SE	BA1DC01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	35.0	880 D	880	ug/kg	
BNASIM/NONE	SE	BA1DC01200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.1	140	140	ug/kg	
BNASIM/NONE	SE	BA1DC01200921-23	N	o,p'-DDD	6.3	17.0	17.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200921-23	N	p,p'-DDD	6.3	31.0	31.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA1DC01200921-23	N	o,p'-DDE	6.3	130	130	ug/kg	
BNASIM/NONE	SE	BA1DC01200921-23	N	p,p'-DDE	32.0	610 D	610	ug/kg	
BNASIM/NONE	SE	BA1DC01200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.3	530	530	ug/kg	
BNASIM/NONE	SE	BA1DC01200921-23	N	1,1-bis(p-chlorophenyl)ethane	6.3	90.0	90.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200925	N	o,p'-DDD	7.2	13.0	13.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200925	N	p,p'-DDD	7.2	34.0	34.0	ug/kg	
BNASIM/NONE	SE	BA1DC01200925	N	o,p'-DDE	7.2	100	100	ug/kg	
BNASIM/NONE	SE	BA1DC01200925	N	p,p'-DDE	7.2	500	500	ug/kg	
BNASIM/NONE	SE	BA1DC01200925	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	390	390	ug/kg	
BNASIM/NONE	SE	BA1DC01200925	N	1,1-bis(p-chlorophenyl)ethane	7.2	79.0	79.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1DC01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200901	N	2,3',4,4',5-Pentachlorobiphenyl	8.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.9 J	3.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1DC01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200909-11	N	PCB-138/158	7.2	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	2.2 J	2.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	PCB-138/158	7.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	5.0 J	5.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1DC01200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,4'-DICHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA1DC01200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	PCB-138/158	7.1	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	7.8	7.8	ug/kg	
PCBSIM/NONE	SE	BA1DC01200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.1	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	7.9	7.9	ug/kg	
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.1	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	6.3	3.1 J	3.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.3	2.2 J	2.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.3	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	6.3	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	BA1DC01200921-23	N	PCB-138/158	6.3	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	6.3	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	6.3	2.1 J	2.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	6.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	6.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	6.3	7.0	7.0	ug/kg	
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,2',5-TRICHLOROBIPHENYL	6.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	6.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	PCB-138/158	7.2	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA1DC01200925	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.8 J	3.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA1DC01200901	N	Moisture	0.10	38.0	38.0	PERCENT	
D2216/NONE	SE	BA1DC01200903	N	Moisture	0.10	30.5	30.5	PERCENT	
D2216/NONE	SE	BA1DC01200905	N	Moisture	0.10	30.5	30.5	PERCENT	
D2216/NONE	SE	BA1DC01200907	N	Moisture	0.10	30.0	30.0	PERCENT	
D2216/NONE	SE	BA1DC01200909-11	N	Moisture	0.10	30.8	30.8	PERCENT	
D2216/NONE	SE	BA1DC01200913-15	N	Moisture	0.10	30.1	30.1	PERCENT	
D2216/NONE	SE	BA1DC01200917-19	N	Moisture	0.10	29.2	29.2	PERCENT	
D2216/NONE	SE	BA1DC01200921-23	N	Moisture	0.10	21.0	21.0	PERCENT	
D2216/NONE	SE	BA1DC01200925	N	Moisture	0.10	30.5	30.5	PERCENT	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA1DC01200901	N	Total Organic Carbon	0.081	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA1DC01200903	N	Total Organic Carbon	0.072	2.2	2.2	PERCENT	
SW9060/NONE	SE	BA1DC01200905	N	Total Organic Carbon	0.072	1.6	1.6	PERCENT	
SW9060/NONE	SE	BA1DC01200907	N	Total Organic Carbon	0.071	1.6	1.6	PERCENT	
SW9060/NONE	SE	BA1DC01200909-11	N	Total Organic Carbon	0.072	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA1DC01200913-15	N	Total Organic Carbon	0.072	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA1DC01200917-19	N	Total Organic Carbon	0.071	2.3	2.3	PERCENT	
SW9060/NONE	SE	BA1DC01200921-23	N	Total Organic Carbon	0.063	2.5	2.5 J	PERCENT	M
SW9060/NONE	SE	BA1DC01200925	N	Total Organic Carbon	0.072	1.6	1.6	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09111745

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **QC Outlier Report – Multiple Methods**
   The relative percent difference (RPD) calculated for the laboratory hardcopy report is based on concentration; the one calculated from the electronic deliverable (EDD) for the automated data review (ADR) is from percent recovery. Therefore, the QC Outlier report may not match the hardcopy for RPD.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09111745

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09111745, Certified - 2/2/2010 M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Evin McKinney
Data Reviewer Title:	Senior Scientist
Date of Review Report:	11-Feb-2010

Samples Included in SDG 09111745

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	19	0
D2216/NONE	19	0
PCBSIM/NONE	19	0
SW9060/NONE	19	0

AUTOMATED DATA REVIEW SUMMARY for 09111745

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09111745. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Prep Hold Time

MS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09111745

Confirmation Column Difference

Field Blank

Calibration Blank

Equip Blank

Negative Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 09111745

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.55% (5 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

11-Feb-2010

Released by Evin McKinney, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification
D	BS RPD

Reason and Comment Code Definitions

D1	Lab Replicate RPD
D2	MS RPD
D3	Field Duplicate RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound
TR	Trace Level Detect

Reason and Comment Code Definitions

V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09111745

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202L04	091202L04	NA	LABQC	SQ	LABQC	0991301327		12/02/2009 12:00	12/20/2009 6:49	LB
	091202L04	NA	LABQC	SQ	LABQC	0991301327		12/02/2009 12:00	12/20/2009 7:13	BS
	091202L04	NA	LABQC	SQ	LABQC	0991301327		12/02/2009 12:00	12/20/2009 7:36	BD
091202S04	091202L04	NA	BA2C	SE	BA2C01200901	091117451		11/19/2009 12:00	12/22/2009 1:12	N
	091202L04	NA	BA2C	SE	BA2C01200901	091117451		11/19/2009 12:00	12/22/2009 1:12	N
	091202L04	NA	BA2C	SE	BA2C01200903	091117452		11/19/2009 12:00	12/22/2009 1:35	N
	091202L04	NA	BA2C	SE	BA2C01200903	091117452		11/19/2009 12:00	12/22/2009 1:35	N
	091202L04	NA	BA2C	SE	BA2C01200905	091117453		11/19/2009 12:00	12/22/2009 1:59	N
	091202L04	NA	BA2C	SE	BA2C01200905	091117453		11/19/2009 12:00	12/22/2009 1:59	N
	091202L04	NA	BA2C	SE	BA2C01200907	091117454		11/19/2009 12:00	12/22/2009 2:23	N
	091202L04	NA	BA2C	SE	BA2C01200907	091117454		11/19/2009 12:00	12/22/2009 2:23	N
	091202L04	NA	BA2C	SE	BA2C01200909-11	0911174535		11/19/2009 12:00	12/22/2009 2:46	N
	091202L04	NA	BA2C	SE	BA2C01200909-11	0911174535		11/19/2009 12:00	12/22/2009 2:46	N
	091202L04	NA	BA2C	SE	BA2C01200913-15	0911174536		11/19/2009 12:00	12/22/2009 3:10	N
	091202L04	NA	BA2C	SE	BA2C01200913-15	0911174536		11/19/2009 12:00	12/22/2009 3:10	N
	091202L04	NA	BA2C	SE	BA2C01200921-23	0911174538		11/19/2009 12:00	12/22/2009 3:57	N
	091202L04	NA	BA2C	SE	BA2C01200921-23	0911174538		11/19/2009 12:00	12/22/2009 3:57	N
	091202L04	NA	BA2C	SE	BA2C01200925-27	0911174539		11/19/2009 12:00	12/22/2009 4:20	N
	091202L04	NA	BA2C	SE	BA2C01200925-27	0911174539		11/19/2009 12:00	12/22/2009 4:20	N
	091202L04	NA	BA2C	SE	BA2C01200929-31	0911174540		11/19/2009 12:00	12/22/2009 4:44	N
	091202L04	NA	BA2C	SE	BA2C01200929-31	0911174540		11/19/2009 12:00	12/22/2009 4:44	N
	091202L04	NA	BA2C	SE	BA2C01200903	091117452		11/19/2009 12:00	12/22/2009 2:24	N

AUTOMATED DATA REVIEW SUMMARY for 09111745

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202S04	091202L04	NA	BA2C	SE	BA2C01200905	091117453		11/19/2009 12:00	12/22/2009 2:48	N
	091202L04	NA	BA2C	SE	BA2C01200907	091117454		11/19/2009 12:00	12/22/2009 3:11	N
	091202L04	NA	BA2C	SE	BA2C01200917-19	0911174537		11/19/2009 12:00	12/22/2009 3:35	N
	091202L04	NA	BA2C	SE	BA2C01200917-19	0911174537		11/19/2009 12:00	12/22/2009 3:35	N
	091202L04	NA	BA2C	SE	BA2C01200921-23	0911174538		11/19/2009 12:00	12/22/2009 3:59	N
	091202L04	NA	BA2C	SE	BA2C01200925-27	0911174539		11/19/2009 12:00	12/22/2009 6:31	N
	091202L04	NA	BA2C	SE	BA2C01200933-35	0911174541		11/19/2009 12:00	12/22/2009 6:54	N
	091202L04	NA	BA2C	SE	BA2C01200933-35	0911174541		11/19/2009 12:00	12/22/2009 6:54	N
	091202L04	NA	BA2C	SE	BA2C01200937-39	0911174542		11/19/2009 12:00	12/22/2009 7:18	N
	091202L04	NA	BA2C	SE	BA2C01200937-39	0911174542		11/19/2009 12:00	12/22/2009 7:18	N
	091202L04	NA	BA2C	SE	BA2C01200941-43	0911174543		11/19/2009 12:00	12/22/2009 7:42	N
	091202L04	NA	BA2C	SE	BA2C01200941-43	0911174543		11/19/2009 12:00	12/22/2009 7:42	N
	091202L04	NA	BA2C	SE	BA2C01200945-47	0911174544		11/19/2009 12:00	12/22/2009 8:05	N
	091202L04	NA	BA2C	SE	BA2C01200945-47	0911174544		11/19/2009 12:00	12/22/2009 8:05	N
	091202L04	NA	BA2C	SE	BA2C01200949-51	0911174545		11/19/2009 12:00	12/22/2009 8:29	N
	091202L04	NA	BA2C	SE	BA2C01200949-51	0911174545		11/19/2009 12:00	12/22/2009 8:29	N
	091202L04	NA	BA2C	SE	BA2C01200953-55	0911174546		11/19/2009 12:00	12/22/2009 8:53	N
	091202L04	NA	BA2C	SE	BA2C01200953-55	0911174546		11/19/2009 12:00	12/22/2009 8:53	N
	091202L04	NA	BA2C	SE	BA2C01200957-59	0911174547		11/19/2009 12:00	12/22/2009 9:16	N

AUTOMATED DATA REVIEW SUMMARY for 09111745

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202S04	091202L04	NA	BA2C	SE	BA2C01200957-59	0911174547		11/19/2009 12:00	12/22/2009 9:16	N
	091202L04	NA	BA2C	SE	BA2C01200961-63	0911174548		11/19/2009 12:00	12/22/2009 9:40	N
	091202L04	NA	BA2C	SE	BA2C01200961-63	0911174548		11/19/2009 12:00	12/22/2009 9:40	N
091202S04P	091202L04	NA	BA2C	SE	BA2C01200965-67	0911174549		11/19/2009 12:00	12/22/2009 10:04	N
	091202L04	NA	BA2C	SE	BA2C01200965-67	0911174549		11/19/2009 12:00	12/22/2009 10:04	N
091202S04	091202L04	NA	BA2C	SE	BA2C01200929-31	0911174540		11/19/2009 12:00	12/23/2009 11:42	N
	091202L04	NA	BA2C	SE	BA2C01200933-35	0911174541		11/19/2009 12:00	12/23/2009 12:06	N
	091202L04	NA	BA2C	SE	BA2C01200937-39	0911174542		11/19/2009 12:00	12/27/2009 11:01	MS
	091202L04	NA	BA2C	SE	BA2C01200937-39	0911174542		11/19/2009 12:00	12/27/2009 11:24	SD

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91124MOID3	NA	NA	BA2C	SE	BA2C01200965-67	0911174549		11/19/2009 12:00	11/24/2009 2:00	LR
	NA	NA	BA2C	SE	BA2C01200965-67	0911174549		11/19/2009 12:00	11/24/2009 2:00	N
91124MOIB3	NA	NA	LABQC	SQ	LABQC	099050141609		11/24/2009 2:00	11/24/2009 2:00	LB
91124MOID3	NA	NA	BA2C	SE	BA2C01200961-63	0911174548		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200957-59	0911174547		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200953-55	0911174546		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200949-51	0911174545		11/19/2009 12:00	11/24/2009 2:00	N

AUTOMATED DATA REVIEW SUMMARY for 09111745

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91124MOID3	NA	NA	BA2C	SE	BA2C01200937-39	0911174542		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200945-47	0911174544		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200941-43	0911174543		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200933-35	0911174541		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200929-31	0911174540		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200925-27	0911174539		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200917-19	0911174537		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200921-23	0911174538		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200913-15	0911174536		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200909-11	0911174535		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200907	091117454		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200905	091117453		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200903	091117452		11/19/2009 12:00	11/24/2009 2:00	N
	NA	NA	BA2C	SE	BA2C01200901	091117451		11/19/2009 12:00	11/24/2009 2:00	N

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202L05	091202L05	NA	LABQC	SQ	LABQC	0991301760		12/02/2009 12:00	12/17/2009 5:44	LB
	091202L05	NA	LABQC	SQ	LABQC	0991301760		12/02/2009 12:00	12/17/2009 6:14	BS
	091202L05	NA	LABQC	SQ	LABQC	0991301760		12/02/2009 12:00	12/17/2009 6:44	BD
091202S05	091202L05	NA	BA2C	SE	BA2C01200949-51	0911174545		11/19/2009 12:00	12/17/2009 7:14	MS

AUTOMATED DATA REVIEW SUMMARY for 09111745

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202S05	091202L05	NA	BA2C	SE	BA2C01200949-51	0911174545		11/19/2009 12:00	12/17/2009 7:44	SD
	091202L05	NA	BA2C	SE	BA2C01200949-51	0911174545		11/19/2009 12:00	12/17/2009 8:15	N
	091202L05	NA	BA2C	SE	BA2C01200949-51	0911174545		11/19/2009 12:00	12/17/2009 8:15	N
	091202L05	NA	BA2C	SE	BA2C01200901	091117451		11/19/2009 12:00	12/17/2009 8:45	N
	091202L05	NA	BA2C	SE	BA2C01200901	091117451		11/19/2009 12:00	12/17/2009 8:45	N
	091202L05	NA	BA2C	SE	BA2C01200903	091117452		11/19/2009 12:00	12/17/2009 9:16	N
	091202L05	NA	BA2C	SE	BA2C01200903	091117452		11/19/2009 12:00	12/17/2009 9:16	N
	091202L05	NA	BA2C	SE	BA2C01200905	091117453		11/19/2009 12:00	12/17/2009 9:46	N
	091202L05	NA	BA2C	SE	BA2C01200905	091117453		11/19/2009 12:00	12/17/2009 9:46	N
	091202L05	NA	BA2C	SE	BA2C01200907	091117454		11/19/2009 12:00	12/17/2009 10:16	N
	091202L05	NA	BA2C	SE	BA2C01200907	091117454		11/19/2009 12:00	12/17/2009 10:16	N
	091202L05	NA	BA2C	SE	BA2C01200909-11	0911174535		11/19/2009 12:00	12/17/2009 10:47	N
	091202L05	NA	BA2C	SE	BA2C01200909-11	0911174535		11/19/2009 12:00	12/17/2009 10:47	N
	091202L05	NA	BA2C	SE	BA2C01200913-15	0911174536		11/19/2009 12:00	12/17/2009 11:17	N
	091202L05	NA	BA2C	SE	BA2C01200913-15	0911174536		11/19/2009 12:00	12/17/2009 11:17	N
	091202L05	NA	BA2C	SE	BA2C01200921-23	0911174538		11/19/2009 12:00	12/18/2009 12:17	N
	091202L05	NA	BA2C	SE	BA2C01200921-23	0911174538		11/19/2009 12:00	12/18/2009 12:17	N
	091202L05	NA	BA2C	SE	BA2C01200925-27	0911174539		11/19/2009 12:00	12/18/2009 12:47	N
	091202L05	NA	BA2C	SE	BA2C01200925-27	0911174539		11/19/2009 12:00	12/18/2009 12:47	N
	091202L05	NA	BA2C	SE	BA2C01200929-31	0911174540		11/19/2009 12:00	12/18/2009 1:18	N
	091202L05	NA	BA2C	SE	BA2C01200929-31	0911174540		11/19/2009 12:00	12/18/2009 1:18	N

AUTOMATED DATA REVIEW SUMMARY for 09111745

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202S05	091202L05	NA	BA2C	SE	BA2C01200933-35	0911174541		11/19/2009 12:00	12/18/2009 1:48	N
	091202L05	NA	BA2C	SE	BA2C01200933-35	0911174541		11/19/2009 12:00	12/18/2009 1:48	N
	091202L05	NA	BA2C	SE	BA2C01200937-39	0911174542		11/19/2009 12:00	12/18/2009 2:18	N
	091202L05	NA	BA2C	SE	BA2C01200937-39	0911174542		11/19/2009 12:00	12/18/2009 2:18	N
	091202L05	NA	BA2C	SE	BA2C01200941-43	0911174543		11/19/2009 12:00	12/18/2009 2:49	N
	091202L05	NA	BA2C	SE	BA2C01200941-43	0911174543		11/19/2009 12:00	12/18/2009 2:49	N
	091202L05	NA	BA2C	SE	BA2C01200945-47	0911174544		11/19/2009 12:00	12/18/2009 3:19	N
	091202L05	NA	BA2C	SE	BA2C01200945-47	0911174544		11/19/2009 12:00	12/18/2009 3:19	N
	091202L05	NA	BA2C	SE	BA2C01200953-55	0911174546		11/19/2009 12:00	12/18/2009 3:49	N
	091202L05	NA	BA2C	SE	BA2C01200953-55	0911174546		11/19/2009 12:00	12/18/2009 3:49	N
	091202L05	NA	BA2C	SE	BA2C01200957-59	0911174547		11/19/2009 12:00	12/18/2009 4:20	N
	091202L05	NA	BA2C	SE	BA2C01200957-59	0911174547		11/19/2009 12:00	12/18/2009 4:20	N
	091202L05	NA	BA2C	SE	BA2C01200917-19	0911174537		11/19/2009 12:00	12/18/2009 3:18	N
	091202L05	NA	BA2C	SE	BA2C01200917-19	0911174537		11/19/2009 12:00	12/18/2009 3:18	N
	091202L05	NA	BA2C	SE	BA2C01200961-63	0911174548		11/19/2009 12:00	12/18/2009 3:49	N
	091202L05	NA	BA2C	SE	BA2C01200961-63	0911174548		11/19/2009 12:00	12/18/2009 3:49	N
	091202L05	NA	BA2C	SE	BA2C01200965-67	0911174549		11/19/2009 12:00	12/18/2009 4:19	N
	091202L05	NA	BA2C	SE	BA2C01200965-67	0911174549		11/19/2009 12:00	12/18/2009 4:19	N

AUTOMATED DATA REVIEW SUMMARY for 09111745

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91220TOCS1	NA	NA	BA2C	SE	BA2C01200965-67	0911174549		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200965-67	0911174549		11/19/2009 12:00	12/20/2009 6:35	SD
	NA	NA	BA2C	SE	BA2C01200965-67	0911174549		11/19/2009 12:00	12/20/2009 6:35	MS
91220TOCL1	NA	NA	LABQC	SQ	LABQC	09906013436		12/20/2009 6:35	12/20/2009 6:35	BD
	NA	NA	LABQC	SQ	LABQC	09906013436		12/20/2009 6:35	12/20/2009 6:35	BS
	NA	NA	LABQC	SQ	LABQC	09906013436		12/20/2009 6:35	12/20/2009 6:35	LB
91220TOCS1	NA	NA	BA2C	SE	BA2C01200961-63	0911174548		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200957-59	0911174547		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200953-55	0911174546		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200949-51	0911174545		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200917-19	0911174537		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200921-23	0911174538		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200913-15	0911174536		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200909-11	0911174535		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200907	091117454		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200905	091117453		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200903	091117452		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200901	091117451		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200945-47	0911174544		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200941-43	0911174543		11/19/2009 12:00	12/20/2009 6:35	N

AUTOMATED DATA REVIEW SUMMARY for 09111745

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91220TOCS1	NA	NA	BA2C	SE	BA2C01200937-39	0911174542		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200933-35	0911174541		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200929-31	0911174540		11/19/2009 12:00	12/20/2009 6:35	N
	NA	NA	BA2C	SE	BA2C01200925-27	0911174539		11/19/2009 12:00	12/20/2009 6:35	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	BA2C01200937-39 / MS	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	31.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA2C01200937-39 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	34.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA2C01200937-39 / MS	1	p,p'-DDE	24.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA2C01200937-39 / SD	1	p,p'-DDE	27.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	BA2C01200937-39 / SD	1	o,p'-DDT	38.2	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	BA2C01200937-39 / SD	1	p,p'-DDT	65.9	RPD	J/UJ	< 30	< 60	D2	C2
SW9060 / NONE	MS Recovery	BA2C01200965-67 / MS	1	Total Organic Carbon	141	PERCENT	J/None	75 - 125	50 - 135	M	C2
SW9060 / NONE	MS Recovery	BA2C01200965-67 / SD	1	Total Organic Carbon	155	PERCENT	J/None	75 - 125	50 - 135	M	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,4,4'-TRICHLOROBIPHENYL	9.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	8.0	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,4,4'-TRICHLOROBIPHENYL	8.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.4 J	2.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.6	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,4,4'-TRICHLOROBIPHENYL	7.6	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	5.8 J	5.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.4	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200925-27	N	2,4'-DICHLOROBIPHENYL	8.3	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,4'-DICHLOROBIPHENYL	7.6	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,4,4'-TRICHLOROBIPHENYL	7.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.4	3.4 J	3.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.4	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.4	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.4	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',5-TRICHLOROBIPHENYL	7.4	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',5-TRICHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200957-59	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	2.8 J	2.8 J	ug/kg	TR
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
BNASIM/NONE	SE	BA2C01200909-11	N	o,p'-DDD	7.7	4.0 J	4.0 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200913-15	N	o,p'-DDD	7.9	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200917-19	N	o,p'-DDD	7.9	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200929-31	N	o,p'-DDT	7.6	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200933-35	N	p,p'-DDT	7.4	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200937-39	N	p,p'-DDE	7.3	550	550 J	ug/kg	M
BNASIM/NONE	SE	BA2C01200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	520	520 J	ug/kg	M
BNASIM/NONE	SE	BA2C01200937-39	N	o,p'-DDT	7.3	7.3 U	7.3 UJ	ug/kg	D2
BNASIM/NONE	SE	BA2C01200937-39	N	p,p'-DDT	7.3	7.3 U	7.3 UJ	ug/kg	D2
BNASIM/NONE	SE	BA2C01200945-47	N	o,p'-DDD	7.3	4.6 J	4.6 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200957-59	N	o,p'-DDD	7.2	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200961-63	N	o,p'-DDD	7.1	5.0 J	5.0 J	ug/kg	TR
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
SW9060/NONE	SE	BA2C01200965-67	N	Total Organic Carbon	0.073	2.2	2.2 J	PERCENT	M

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2C01200901	N	o,p'-DDD	9.0	14.0	14.0	ug/kg	
BNASIM/NONE	SE	BA2C01200901	N	p,p'-DDD	9.0	31.0	31.0	ug/kg	
BNASIM/NONE	SE	BA2C01200901	N	o,p'-DDE	9.0	130	130	ug/kg	
BNASIM/NONE	SE	BA2C01200901	N	p,p'-DDE	9.0	750	750	ug/kg	
BNASIM/NONE	SE	BA2C01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.0	380	380	ug/kg	
BNASIM/NONE	SE	BA2C01200901	N	1,1-bis(p-chlorophenyl)ethane	9.0	47.0	47.0	ug/kg	
BNASIM/NONE	SE	BA2C01200903	N	o,p'-DDD	8.0	15.0	15.0	ug/kg	
BNASIM/NONE	SE	BA2C01200903	N	p,p'-DDD	8.0	36.0	36.0	ug/kg	
BNASIM/NONE	SE	BA2C01200903	N	o,p'-DDE	8.0	160	160	ug/kg	
BNASIM/NONE	SE	BA2C01200903	N	p,p'-DDE	40.0	860 D	860	ug/kg	
BNASIM/NONE	SE	BA2C01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.0	480	480	ug/kg	
BNASIM/NONE	SE	BA2C01200903	N	1,1-bis(p-chlorophenyl)ethane	8.0	49.0	49.0	ug/kg	
BNASIM/NONE	SE	BA2C01200905	N	o,p'-DDD	7.6	15.0	15.0	ug/kg	
BNASIM/NONE	SE	BA2C01200905	N	p,p'-DDD	7.6	32.0	32.0	ug/kg	
BNASIM/NONE	SE	BA2C01200905	N	o,p'-DDE	7.6	130	130	ug/kg	
BNASIM/NONE	SE	BA2C01200905	N	p,p'-DDE	38.0	800 D	800	ug/kg	
BNASIM/NONE	SE	BA2C01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	350	350	ug/kg	
BNASIM/NONE	SE	BA2C01200905	N	1,1-bis(p-chlorophenyl)ethane	7.6	45.0	45.0	ug/kg	
BNASIM/NONE	SE	BA2C01200907	N	o,p'-DDD	7.6	16.0	16.0	ug/kg	
BNASIM/NONE	SE	BA2C01200907	N	p,p'-DDD	7.6	34.0	34.0	ug/kg	
BNASIM/NONE	SE	BA2C01200907	N	o,p'-DDE	7.6	180	180	ug/kg	
BNASIM/NONE	SE	BA2C01200907	N	p,p'-DDE	38.0	1100 D	1100	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2C01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	460	460	ug/kg	
BNASIM/NONE	SE	BA2C01200907	N	1,1-bis(p-chlorophenyl)ethane	7.6	58.0	58.0	ug/kg	
BNASIM/NONE	SE	BA2C01200909-11	N	o,p'-DDD	7.7	4.0 J	4.0 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200909-11	N	p,p'-DDD	7.7	9.0	9.0	ug/kg	
BNASIM/NONE	SE	BA2C01200909-11	N	o,p'-DDE	7.7	44.0	44.0	ug/kg	
BNASIM/NONE	SE	BA2C01200909-11	N	p,p'-DDE	7.7	270	270	ug/kg	
BNASIM/NONE	SE	BA2C01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	110	110	ug/kg	
BNASIM/NONE	SE	BA2C01200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.7	22.0	22.0	ug/kg	
BNASIM/NONE	SE	BA2C01200913-15	N	o,p'-DDD	7.9	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200913-15	N	p,p'-DDD	7.9	47.0	47.0	ug/kg	
BNASIM/NONE	SE	BA2C01200913-15	N	o,p'-DDE	7.9	52.0	52.0	ug/kg	
BNASIM/NONE	SE	BA2C01200913-15	N	p,p'-DDE	7.9	270	270	ug/kg	
BNASIM/NONE	SE	BA2C01200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.9	160	160	ug/kg	
BNASIM/NONE	SE	BA2C01200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.9	33.0	33.0	ug/kg	
BNASIM/NONE	SE	BA2C01200917-19	N	o,p'-DDD	7.9	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200917-19	N	p,p'-DDD	7.9	13.0	13.0	ug/kg	
BNASIM/NONE	SE	BA2C01200917-19	N	o,p'-DDE	7.9	51.0	51.0	ug/kg	
BNASIM/NONE	SE	BA2C01200917-19	N	p,p'-DDE	7.9	260	260	ug/kg	
BNASIM/NONE	SE	BA2C01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.9	180	180	ug/kg	
BNASIM/NONE	SE	BA2C01200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.9	31.0	31.0	ug/kg	
BNASIM/NONE	SE	BA2C01200921-23	N	o,p'-DDD	8.4	29.0	29.0	ug/kg	
BNASIM/NONE	SE	BA2C01200921-23	N	p,p'-DDD	8.4	54.0	54.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2C01200921-23	N	o,p'-DDE	8.4	320	320	ug/kg	
BNASIM/NONE	SE	BA2C01200921-23	N	p,p'-DDE	42.0	1200 D	1200	ug/kg	
BNASIM/NONE	SE	BA2C01200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	42.0	850 D	850	ug/kg	
BNASIM/NONE	SE	BA2C01200921-23	N	1,1-bis(p-chlorophenyl)ethane	8.4	180	180	ug/kg	
BNASIM/NONE	SE	BA2C01200925-27	N	o,p'-DDD	8.3	130	130	ug/kg	
BNASIM/NONE	SE	BA2C01200925-27	N	p,p'-DDD	8.3	280	280	ug/kg	
BNASIM/NONE	SE	BA2C01200925-27	N	o,p'-DDE	170	1700 D	1700	ug/kg	
BNASIM/NONE	SE	BA2C01200925-27	N	p,p'-DDE	170	8500 D	8500	ug/kg	
BNASIM/NONE	SE	BA2C01200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	170	6200 D	6200	ug/kg	
BNASIM/NONE	SE	BA2C01200925-27	N	1,1-bis(p-chlorophenyl)ethane	8.3	710	710	ug/kg	
BNASIM/NONE	SE	BA2C01200925-27	N	o,p'-DDT	8.3	9.2	9.2	ug/kg	
BNASIM/NONE	SE	BA2C01200929-31	N	o,p'-DDD	7.6	43.0	43.0	ug/kg	
BNASIM/NONE	SE	BA2C01200929-31	N	p,p'-DDD	7.6	96.0	96.0	ug/kg	
BNASIM/NONE	SE	BA2C01200929-31	N	o,p'-DDE	7.6	370	370	ug/kg	
BNASIM/NONE	SE	BA2C01200929-31	N	p,p'-DDE	76.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	BA2C01200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	76.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	BA2C01200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.6	260	260	ug/kg	
BNASIM/NONE	SE	BA2C01200929-31	N	o,p'-DDT	7.6	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200933-35	N	o,p'-DDD	7.4	24.0	24.0	ug/kg	
BNASIM/NONE	SE	BA2C01200933-35	N	p,p'-DDD	7.4	55.0	55.0	ug/kg	
BNASIM/NONE	SE	BA2C01200933-35	N	o,p'-DDE	7.4	200	200	ug/kg	
BNASIM/NONE	SE	BA2C01200933-35	N	p,p'-DDE	37.0	740 D	740	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2C01200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	37.0	830 D	830	ug/kg	
BNASIM/NONE	SE	BA2C01200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.4	120	120	ug/kg	
BNASIM/NONE	SE	BA2C01200933-35	N	p,p'-DDT	7.4	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200937-39	N	o,p'-DDD	7.3	13.0	13.0	ug/kg	
BNASIM/NONE	SE	BA2C01200937-39	N	p,p'-DDD	7.3	30.0	30.0	ug/kg	
BNASIM/NONE	SE	BA2C01200937-39	N	o,p'-DDE	7.3	120	120	ug/kg	
BNASIM/NONE	SE	BA2C01200937-39	N	p,p'-DDE	7.3	550	550 J	ug/kg	M
BNASIM/NONE	SE	BA2C01200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	520	520 J	ug/kg	M
BNASIM/NONE	SE	BA2C01200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.3	73.0	73.0	ug/kg	
BNASIM/NONE	SE	BA2C01200941-43	N	o,p'-DDD	7.6	15.0	15.0	ug/kg	
BNASIM/NONE	SE	BA2C01200941-43	N	p,p'-DDD	7.6	35.0	35.0	ug/kg	
BNASIM/NONE	SE	BA2C01200941-43	N	o,p'-DDE	7.6	140	140	ug/kg	
BNASIM/NONE	SE	BA2C01200941-43	N	p,p'-DDE	7.6	600	600	ug/kg	
BNASIM/NONE	SE	BA2C01200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	630	630	ug/kg	
BNASIM/NONE	SE	BA2C01200941-43	N	1,1-bis(p-chlorophenyl)ethane	7.6	78.0	78.0	ug/kg	
BNASIM/NONE	SE	BA2C01200945-47	N	o,p'-DDD	7.3	4.6 J	4.6 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200945-47	N	p,p'-DDD	7.3	13.0	13.0	ug/kg	
BNASIM/NONE	SE	BA2C01200945-47	N	o,p'-DDE	7.3	44.0	44.0	ug/kg	
BNASIM/NONE	SE	BA2C01200945-47	N	p,p'-DDE	7.3	210	210	ug/kg	
BNASIM/NONE	SE	BA2C01200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	170	170	ug/kg	
BNASIM/NONE	SE	BA2C01200945-47	N	1,1-bis(p-chlorophenyl)ethane	7.3	26.0	26.0	ug/kg	
BNASIM/NONE	SE	BA2C01200949-51	N	o,p'-DDE	7.1	16.0	16.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2C01200949-51	N	p,p'-DDE	7.1	85.0	85.0	ug/kg	
BNASIM/NONE	SE	BA2C01200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	57.0	57.0	ug/kg	
BNASIM/NONE	SE	BA2C01200949-51	N	1,1-bis(p-chlorophenyl)ethane	7.1	10.0	10.0	ug/kg	
BNASIM/NONE	SE	BA2C01200953-55	N	p,p'-DDD	7.2	9.3	9.3	ug/kg	
BNASIM/NONE	SE	BA2C01200953-55	N	o,p'-DDE	7.2	34.0	34.0	ug/kg	
BNASIM/NONE	SE	BA2C01200953-55	N	p,p'-DDE	7.2	160	160	ug/kg	
BNASIM/NONE	SE	BA2C01200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	120	120	ug/kg	
BNASIM/NONE	SE	BA2C01200953-55	N	1,1-bis(p-chlorophenyl)ethane	7.2	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA2C01200957-59	N	o,p'-DDD	7.2	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200957-59	N	p,p'-DDD	7.2	12.0	12.0	ug/kg	
BNASIM/NONE	SE	BA2C01200957-59	N	o,p'-DDE	7.2	43.0	43.0	ug/kg	
BNASIM/NONE	SE	BA2C01200957-59	N	p,p'-DDE	7.2	210	210	ug/kg	
BNASIM/NONE	SE	BA2C01200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	160	160	ug/kg	
BNASIM/NONE	SE	BA2C01200957-59	N	1,1-bis(p-chlorophenyl)ethane	7.2	20.0	20.0	ug/kg	
BNASIM/NONE	SE	BA2C01200961-63	N	o,p'-DDD	7.1	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	BA2C01200961-63	N	p,p'-DDD	7.1	11.0	11.0	ug/kg	
BNASIM/NONE	SE	BA2C01200961-63	N	o,p'-DDE	7.1	48.0	48.0	ug/kg	
BNASIM/NONE	SE	BA2C01200961-63	N	p,p'-DDE	7.1	240	240	ug/kg	
BNASIM/NONE	SE	BA2C01200961-63	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	160	160	ug/kg	
BNASIM/NONE	SE	BA2C01200961-63	N	1,1-bis(p-chlorophenyl)ethane	7.1	19.0	19.0	ug/kg	
BNASIM/NONE	SE	BA2C01200965-67	N	o,p'-DDE	7.3	17.0	17.0	ug/kg	
BNASIM/NONE	SE	BA2C01200965-67	N	p,p'-DDE	7.3	79.0	79.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2C01200965-67	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	65.0	65.0	ug/kg	
BNASIM/NONE	SE	BA2C01200965-67	N	1,1-bis(p-chlorophenyl)ethane	7.3	8.1	8.1	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.0	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	BA2C01200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	PCB-138/158	9.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.0	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	BA2C01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200901	N	2,4,4'-TRICHLOROBIPHENYL	9.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.0	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200903	N	2,3',4,4',5-Pentachlorobiphenyl	8.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200903	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	PCB-138/158	8.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	BA2C01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	8.0	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200903	N	2,4,4'-TRICHLOROBIPHENYL	8.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	BA2C01200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	8.3	8.3	ug/kg	
PCBSIM/NONE	SE	BA2C01200905	N	PCB-138/158	7.6	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	BA2C01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	7.7	7.7	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.6	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200907	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	PCB-138/158	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	BA2C01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	BA2C01200907	N	2,4,4'-TRICHLOROBIPHENYL	7.6	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200909-11	N	2,3',4,4',5-Pentachlorobiphenyl	7.7	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200913-15	N	2,3',4,4',5-Pentachlorobiphenyl	7.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	8.4	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200921-23	N	PCB-138/158	8.4	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	BA2C01200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	BA2C01200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.4	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200925-27	N	2,4'-DICHLOROBIPHENYL	8.3	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	85.0	85.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.3	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	8.3	73.0	73.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.3	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	PCB-138/158	8.3	90.0	90.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.3	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	80.0	80.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	49.0	49.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	58.0	58.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.3	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.3	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200925-27	N	2,4,4'-TRICHLOROBIPHENYL	8.3	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200929-31	N	2,4'-DICHLOROBIPHENYL	7.6	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.6	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.6	4.3 J	4.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200929-31	N	PCB-138/158	7.6	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.6	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200929-31	N	2,2',5-TRICHLOROBIPHENYL	7.6	8.3	8.3	ug/kg	
PCBSIM/NONE	SE	BA2C01200929-31	N	2,4,4'-TRICHLOROBIPHENYL	7.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.4	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200933-35	N	2,3',4,4',5-Pentachlorobiphenyl	7.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200933-35	N	PCB-138/158	7.4	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.4	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.4	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	7.9	7.9	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200933-35	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.4	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	BA2C01200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA2C01200933-35	N	2,2',5-TRICHLOROBIPHENYL	7.4	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.4	7.7	7.7	ug/kg	
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	7.6	7.6	ug/kg	
PCBSIM/NONE	SE	BA2C01200937-39	N	PCB-138/158	7.3	7.9	7.9	ug/kg	
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	8.3	8.3	ug/kg	
PCBSIM/NONE	SE	BA2C01200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,2',5-TRICHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	BA2C01200941-43	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	BA2C01200941-43	N	PCB-138/158	7.6	10.0	10.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2C01200941-43	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	BA2C01200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2C01200957-59	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	2.8 J	2.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA2C01200901	N	Moisture	0.10	44.7	44.7	PERCENT	
D2216/NONE	SE	BA2C01200903	N	Moisture	0.10	37.3	37.3	PERCENT	
D2216/NONE	SE	BA2C01200905	N	Moisture	0.10	34.2	34.2	PERCENT	
D2216/NONE	SE	BA2C01200907	N	Moisture	0.10	34.1	34.1	PERCENT	
D2216/NONE	SE	BA2C01200909-11	N	Moisture	0.10	34.7	34.7	PERCENT	
D2216/NONE	SE	BA2C01200913-15	N	Moisture	0.10	36.7	36.7	PERCENT	
D2216/NONE	SE	BA2C01200917-19	N	Moisture	0.10	36.8	36.8	PERCENT	
D2216/NONE	SE	BA2C01200921-23	N	Moisture	0.10	40.3	40.3	PERCENT	
D2216/NONE	SE	BA2C01200925-27	N	Moisture	0.10	39.6	39.6	PERCENT	
D2216/NONE	SE	BA2C01200929-31	N	Moisture	0.10	34.4	34.4	PERCENT	
D2216/NONE	SE	BA2C01200933-35	N	Moisture	0.10	32.7	32.7	PERCENT	
D2216/NONE	SE	BA2C01200937-39	N	Moisture	0.10	31.3	31.3	PERCENT	
D2216/NONE	SE	BA2C01200941-43	N	Moisture	0.10	33.8	33.8	PERCENT	
D2216/NONE	SE	BA2C01200945-47	N	Moisture	0.10	31.4	31.4	PERCENT	
D2216/NONE	SE	BA2C01200949-51	N	Moisture	0.10	29.7	29.7	PERCENT	
D2216/NONE	SE	BA2C01200953-55	N	Moisture	0.10	30.5	30.5	PERCENT	
D2216/NONE	SE	BA2C01200957-59	N	Moisture	0.10	30.8	30.8	PERCENT	
D2216/NONE	SE	BA2C01200961-63	N	Moisture	0.10	29.9	29.9	PERCENT	
D2216/NONE	SE	BA2C01200965-67	N	Moisture	0.10	31.8	31.8	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA2C01200901	N	Total Organic Carbon	0.090	2.2	2.2	PERCENT	
SW9060/NONE	SE	BA2C01200903	N	Total Organic Carbon	0.080	2.0	2.0	PERCENT	
SW9060/NONE	SE	BA2C01200905	N	Total Organic Carbon	0.076	2.2	2.2	PERCENT	
SW9060/NONE	SE	BA2C01200907	N	Total Organic Carbon	0.076	2.0	2.0	PERCENT	
SW9060/NONE	SE	BA2C01200909-11	N	Total Organic Carbon	0.077	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA2C01200913-15	N	Total Organic Carbon	0.079	3.2	3.2	PERCENT	
SW9060/NONE	SE	BA2C01200917-19	N	Total Organic Carbon	0.079	3.0	3.0	PERCENT	
SW9060/NONE	SE	BA2C01200921-23	N	Total Organic Carbon	0.084	3.6	3.6	PERCENT	
SW9060/NONE	SE	BA2C01200925-27	N	Total Organic Carbon	0.083	3.4	3.4	PERCENT	
SW9060/NONE	SE	BA2C01200929-31	N	Total Organic Carbon	0.076	2.7	2.7	PERCENT	
SW9060/NONE	SE	BA2C01200933-35	N	Total Organic Carbon	0.074	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA2C01200937-39	N	Total Organic Carbon	0.073	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA2C01200941-43	N	Total Organic Carbon	0.076	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA2C01200945-47	N	Total Organic Carbon	0.073	1.8	1.8	PERCENT	
SW9060/NONE	SE	BA2C01200949-51	N	Total Organic Carbon	0.071	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA2C01200953-55	N	Total Organic Carbon	0.072	1.9	1.9	PERCENT	
SW9060/NONE	SE	BA2C01200957-59	N	Total Organic Carbon	0.072	1.8	1.8	PERCENT	
SW9060/NONE	SE	BA2C01200961-63	N	Total Organic Carbon	0.071	1.8	1.8	PERCENT	
SW9060/NONE	SE	BA2C01200965-67	N	Total Organic Carbon	0.073	2.2	2.2 J	PERCENT	M

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09112233

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

2. **PCB Congeners by PCB-SIM**
   An MS was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09112233

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09112233, Certified - 1/28/2010M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Leticia Sangalang
Data Reviewer Title:	Senior Scientist
Date of Review Report:	08-Feb-2010

Samples Included in SDG 09112233

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	5	0
D2216/NONE	5	0
PCBSIM/NONE	5	0
SW9060/NONE	5	0

AUTOMATED DATA REVIEW SUMMARY for 09112233

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09112233. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Prep Hold Time

MS Recovery

Blank

BS RPD

LCS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09112233

Confirmation Column Difference

Field Blank

Negative Blank

Calibration Blank

Equip Blank

Calibration Blank - Negative

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 09112233

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.00% (0 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Leticia Sangalang

08-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09112233

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202L12	091202L12	NA	LABQC	SQ	LABQC	0991301328		12/02/2009 12:00	12/22/2009 10:28	LB
	091202L12	NA	LABQC	SQ	LABQC	0991301328		12/02/2009 12:00	12/22/2009 10:51	BS
	091202L12	NA	LABQC	SQ	LABQC	0991301328		12/02/2009 12:00	12/22/2009 11:15	BD
091202S12	091202L12	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/22/2009 11:14	N
	091202L12	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/22/2009 11:14	N
	091202L12	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/22/2009 11:38	N
	091202L12	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/22/2009 11:38	N
	091202L12	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/23/2009 12:02	N
	091202L12	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/23/2009 12:02	N
	091202L12	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/23/2009 12:25	N
	091202L12	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/23/2009 12:25	N
	091202L12	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/23/2009 12:49	N
	091202L12	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/23/2009 12:49	N
	091202L12	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/23/2009 12:29	N

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91205MOIB1	NA	NA	LABQC	SQ	LABQC	099050141616		12/05/2009 10:00	12/05/2009 10:00	LB
91205MOID1	NA	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/05/2009 10:00	N
	NA	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/05/2009 10:00	LR
	NA	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/05/2009 10:00	N
	NA	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/05/2009 10:00	N
	NA	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/05/2009 10:00	N
	NA	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/05/2009 10:00	N

AUTOMATED DATA REVIEW SUMMARY for 09112233

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202L14	091202L14	NA	LABQC	SQ	LABQC	0991301763		12/02/2009 12:00	12/18/2009 1:44	LB
	091202L14	NA	LABQC	SQ	LABQC	0991301763		12/02/2009 12:00	12/18/2009 2:15	BS
	091202L14	NA	LABQC	SQ	LABQC	0991301763		12/02/2009 12:00	12/18/2009 2:46	BD
091202S14	091202L14	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/18/2009 4:50	N
	091202L14	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/18/2009 4:50	N
	091202L14	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/18/2009 5:21	N
	091202L14	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/18/2009 5:21	N
	091202L14	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/18/2009 5:53	N
	091202L14	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/18/2009 5:53	N
	091202L14	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/18/2009 6:24	N
	091202L14	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/18/2009 6:24	N
	091202L14	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/18/2009 6:56	N
	091202L14	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/18/2009 6:56	N

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91218TOCS1	NA	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/18/2009 1:16	SD
	NA	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/18/2009 1:16	MS
91218TOCL1	NA	NA	LABQC	SQ	LABQC	09906013435		12/18/2009 1:16	12/18/2009 1:16	BS
	NA	NA	LABQC	SQ	LABQC	09906013435		12/18/2009 1:16	12/18/2009 1:16	LB
91218TOCS1	NA	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/18/2009 1:16	N

AUTOMATED DATA REVIEW SUMMARY for 09112233

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2B01200901	N	o,p'-DDD	8.9	6.6 J	6.6 J	ug/kg	TR
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
PCBSIM/NONE	SE	BA2B01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	PCB-138/158	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.9	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.9	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',5-TRICHLOROBIPHENYL	7.9	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.9	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR

AUTOMATED DATA REVIEW SUMMARY for 09112233

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2B01200907	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2B01200901	N	o,p'-DDD	8.9	6.6 J	6.6 J	ug/kg	TR
BNASIM/NONE	SE	BA2B01200901	N	p,p'-DDD	8.9	56.0	56.0	ug/kg	
BNASIM/NONE	SE	BA2B01200901	N	o,p'-DDE	8.9	31.0	31.0	ug/kg	
BNASIM/NONE	SE	BA2B01200901	N	p,p'-DDE	8.9	220	220	ug/kg	
BNASIM/NONE	SE	BA2B01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	37.0	37.0	ug/kg	
BNASIM/NONE	SE	BA2B01200901	N	1,1-bis(p-chlorophenyl)ethane	8.9	9.0	9.0	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	o,p'-DDD	8.1	20.0	20.0	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	p,p'-DDD	8.1	55.0	55.0	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	o,p'-DDE	8.1	100	100	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	p,p'-DDE	8.1	710	710	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.1	110	110	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	1,1-bis(p-chlorophenyl)ethane	8.1	39.0	39.0	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	o,p'-DDD	7.9	43.0	43.0	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	p,p'-DDD	7.9	160	160	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	o,p'-DDE	7.9	220	220	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	p,p'-DDE	39.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.9	420	420	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	1,1-bis(p-chlorophenyl)ethane	7.9	130	130	ug/kg	
BNASIM/NONE	SE	BA2B01200907	N	o,p'-DDD	7.6	16.0	16.0	ug/kg	
BNASIM/NONE	SE	BA2B01200907	N	p,p'-DDD	7.6	61.0	61.0	ug/kg	
BNASIM/NONE	SE	BA2B01200907	N	o,p'-DDE	7.6	83.0	83.0	ug/kg	
BNASIM/NONE	SE	BA2B01200907	N	p,p'-DDE	7.6	500	500	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2B01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	150	150	ug/kg	
BNASIM/NONE	SE	BA2B01200907	N	1,1-bis(p-chlorophenyl)ethane	7.6	47.0	47.0	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	o,p'-DDD	7.4	9.3	9.3	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	p,p'-DDD	7.4	31.0	31.0	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	o,p'-DDE	7.4	46.0	46.0	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	p,p'-DDE	7.4	280	280	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	71.0	71.0	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.4	27.0	27.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2B01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	PCB-138/158	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.9	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.9	2.7 J	2.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2B01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	PCB-138/158	7.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2,2',5-TRICHLOROBIPHENYL	7.9	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.9	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR

AUTOMATED DATA REVIEW SUMMARY for 09112233

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA2B01200901	N	Moisture	0.10	43.9	43.9	PERCENT	
D2216/NONE	SE	BA2B01200903	N	Moisture	0.10	38.3	38.3	PERCENT	
D2216/NONE	SE	BA2B01200905	N	Moisture	0.10	36.7	36.7	PERCENT	
D2216/NONE	SE	BA2B01200907	N	Moisture	0.10	34.4	34.4	PERCENT	
D2216/NONE	SE	BA2B01200909-11	N	Moisture	0.10	32.8	32.8	PERCENT	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA2B01200901	N	Total Organic Carbon	0.089	2.0	2.0	PERCENT	
SW9060/NONE	SE	BA2B01200903	N	Total Organic Carbon	0.081	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA2B01200905	N	Total Organic Carbon	0.079	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA2B01200907	N	Total Organic Carbon	0.076	2.2	2.2	PERCENT	
SW9060/NONE	SE	BA2B01200909-11	N	Total Organic Carbon	0.074	2.0	2.0	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09112233

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

2. **PCB Congeners by PCB-SIM**
   An MS was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09112233

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09112233, Certified - 1/28/2010M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Leticia Sangalang
Data Reviewer Title:	Senior Scientist
Date of Review Report:	08-Feb-2010

Samples Included in SDG 09112233

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	5	0
D2216/NONE	5	0
PCBSIM/NONE	5	0
SW9060/NONE	5	0

AUTOMATED DATA REVIEW SUMMARY for 09112233

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09112233. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Prep Hold Time

MS Recovery

Blank

BS RPD

LCS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09112233

Confirmation Column Difference

Field Blank

Negative Blank

Calibration Blank

Equip Blank

Calibration Blank - Negative

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 09112233

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.00% (0 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Leticia Sangalang

08-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09112233

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202L12	091202L12	NA	LABQC	SQ	LABQC	0991301328		12/02/2009 12:00	12/22/2009 10:28	LB
	091202L12	NA	LABQC	SQ	LABQC	0991301328		12/02/2009 12:00	12/22/2009 10:51	BS
	091202L12	NA	LABQC	SQ	LABQC	0991301328		12/02/2009 12:00	12/22/2009 11:15	BD
091202S12	091202L12	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/22/2009 11:14	N
	091202L12	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/22/2009 11:14	N
	091202L12	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/22/2009 11:38	N
	091202L12	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/22/2009 11:38	N
	091202L12	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/23/2009 12:02	N
	091202L12	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/23/2009 12:02	N
	091202L12	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/23/2009 12:25	N
	091202L12	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/23/2009 12:25	N
	091202L12	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/23/2009 12:49	N
	091202L12	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/23/2009 12:49	N
	091202L12	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/23/2009 12:29	N

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91205MOIB1	NA	NA	LABQC	SQ	LABQC	099050141616		12/05/2009 10:00	12/05/2009 10:00	LB
91205MOID1	NA	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/05/2009 10:00	N
	NA	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/05/2009 10:00	LR
	NA	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/05/2009 10:00	N
	NA	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/05/2009 10:00	N
	NA	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/05/2009 10:00	N
	NA	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/05/2009 10:00	N

AUTOMATED DATA REVIEW SUMMARY for 09112233

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202L14	091202L14	NA	LABQC	SQ	LABQC	0991301763		12/02/2009 12:00	12/18/2009 1:44	LB
	091202L14	NA	LABQC	SQ	LABQC	0991301763		12/02/2009 12:00	12/18/2009 2:15	BS
	091202L14	NA	LABQC	SQ	LABQC	0991301763		12/02/2009 12:00	12/18/2009 2:46	BD
091202S14	091202L14	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/18/2009 4:50	N
	091202L14	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/18/2009 4:50	N
	091202L14	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/18/2009 5:21	N
	091202L14	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/18/2009 5:21	N
	091202L14	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/18/2009 5:53	N
	091202L14	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/18/2009 5:53	N
	091202L14	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/18/2009 6:24	N
	091202L14	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/18/2009 6:24	N
	091202L14	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/18/2009 6:56	N
	091202L14	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/18/2009 6:56	N

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91218TOCS1	NA	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/18/2009 1:16	SD
	NA	NA	BA2B	SE	BA2B01200909-11	091122337		11/19/2009 12:00	12/18/2009 1:16	MS
91218TOCL1	NA	NA	LABQC	SQ	LABQC	09906013435		12/18/2009 1:16	12/18/2009 1:16	BS
	NA	NA	LABQC	SQ	LABQC	09906013435		12/18/2009 1:16	12/18/2009 1:16	LB
91218TOCS1	NA	NA	BA2B	SE	BA2B01200907	091122334		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA2B	SE	BA2B01200905	091122333		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA2B	SE	BA2B01200903	091122332		11/19/2009 12:00	12/18/2009 1:16	N
	NA	NA	BA2B	SE	BA2B01200901	091122331		11/19/2009 12:00	12/18/2009 1:16	N

AUTOMATED DATA REVIEW SUMMARY for 09112233

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2B01200901	N	o,p'-DDD	8.9	6.6 J	6.6 J	ug/kg	TR
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
PCBSIM/NONE	SE	BA2B01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	PCB-138/158	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.9	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.9	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',5-TRICHLOROBIPHENYL	7.9	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.9	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR

AUTOMATED DATA REVIEW SUMMARY for 09112233

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2B01200907	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2B01200901	N	o,p'-DDD	8.9	6.6 J	6.6 J	ug/kg	TR
BNASIM/NONE	SE	BA2B01200901	N	p,p'-DDD	8.9	56.0	56.0	ug/kg	
BNASIM/NONE	SE	BA2B01200901	N	o,p'-DDE	8.9	31.0	31.0	ug/kg	
BNASIM/NONE	SE	BA2B01200901	N	p,p'-DDE	8.9	220	220	ug/kg	
BNASIM/NONE	SE	BA2B01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	37.0	37.0	ug/kg	
BNASIM/NONE	SE	BA2B01200901	N	1,1-bis(p-chlorophenyl)ethane	8.9	9.0	9.0	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	o,p'-DDD	8.1	20.0	20.0	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	p,p'-DDD	8.1	55.0	55.0	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	o,p'-DDE	8.1	100	100	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	p,p'-DDE	8.1	710	710	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.1	110	110	ug/kg	
BNASIM/NONE	SE	BA2B01200903	N	1,1-bis(p-chlorophenyl)ethane	8.1	39.0	39.0	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	o,p'-DDD	7.9	43.0	43.0	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	p,p'-DDD	7.9	160	160	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	o,p'-DDE	7.9	220	220	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	p,p'-DDE	39.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.9	420	420	ug/kg	
BNASIM/NONE	SE	BA2B01200905	N	1,1-bis(p-chlorophenyl)ethane	7.9	130	130	ug/kg	
BNASIM/NONE	SE	BA2B01200907	N	o,p'-DDD	7.6	16.0	16.0	ug/kg	
BNASIM/NONE	SE	BA2B01200907	N	p,p'-DDD	7.6	61.0	61.0	ug/kg	
BNASIM/NONE	SE	BA2B01200907	N	o,p'-DDE	7.6	83.0	83.0	ug/kg	
BNASIM/NONE	SE	BA2B01200907	N	p,p'-DDE	7.6	500	500	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2B01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	150	150	ug/kg	
BNASIM/NONE	SE	BA2B01200907	N	1,1-bis(p-chlorophenyl)ethane	7.6	47.0	47.0	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	o,p'-DDD	7.4	9.3	9.3	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	p,p'-DDD	7.4	31.0	31.0	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	o,p'-DDE	7.4	46.0	46.0	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	p,p'-DDE	7.4	280	280	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	71.0	71.0	ug/kg	
BNASIM/NONE	SE	BA2B01200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.4	27.0	27.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2B01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	PCB-138/158	8.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.1	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.9	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.9	2.7 J	2.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA2B01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.9	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	PCB-138/158	7.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	BA2B01200905	N	2,2',5-TRICHLOROBIPHENYL	7.9	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.9	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2B01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR

AUTOMATED DATA REVIEW SUMMARY for 09112233

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA2B01200901	N	Moisture	0.10	43.9	43.9	PERCENT	
D2216/NONE	SE	BA2B01200903	N	Moisture	0.10	38.3	38.3	PERCENT	
D2216/NONE	SE	BA2B01200905	N	Moisture	0.10	36.7	36.7	PERCENT	
D2216/NONE	SE	BA2B01200907	N	Moisture	0.10	34.4	34.4	PERCENT	
D2216/NONE	SE	BA2B01200909-11	N	Moisture	0.10	32.8	32.8	PERCENT	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA2B01200901	N	Total Organic Carbon	0.089	2.0	2.0	PERCENT	
SW9060/NONE	SE	BA2B01200903	N	Total Organic Carbon	0.081	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA2B01200905	N	Total Organic Carbon	0.079	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA2B01200907	N	Total Organic Carbon	0.076	2.2	2.2	PERCENT	
SW9060/NONE	SE	BA2B01200909-11	N	Total Organic Carbon	0.074	2.0	2.0	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09112235

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **Pesticides (DDTs) by BNA-SIM**
   A matrix spike (MS) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

2. **PCB Congeners by PCB-SIM**
   An MS was not provided on the EDD for the analytical batch for this SDG. No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09112235

Facility: EPA, Region 9

Event: PV Shelf - Sediment

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09112235, Certified - 1/28/2010AM by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Leticia Sangalang

Data Reviewer Title: Senior Scientist

Date of Review Report: 08-Feb-2010

Samples Included in SDG 09112235

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	8	0
D2216/NONE	8	0
PCBSIM/NONE	8	0
SW9060/NONE	8	0

AUTOMATED DATA REVIEW SUMMARY for 09112235

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09112235. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

BS RPD

LCS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Prep Hold Time

MS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09112235

Confirmation Column Difference

Field Blank

Negative Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank

Equip Blank

Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 09112235

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.00% (0 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

08-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09112235

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202L13	091202L13	NA	LABQC	SQ	LABQC	0991301329		12/02/2009 12:00	12/22/2009 5:20	LB
	091202L13	NA	LABQC	SQ	LABQC	0991301329		12/02/2009 12:00	12/22/2009 5:43	BS
	091202L13	NA	LABQC	SQ	LABQC	0991301329		12/02/2009 12:00	12/22/2009 6:07	BD
091202S13	091202L13	NA	BA3B	SE	BA3B01200909-11	0911223512		11/19/2009 12:00	12/23/2009 7:53	N
	091202L13	NA	BA3B	SE	BA3B01200909-11	0911223512		11/19/2009 12:00	12/23/2009 7:53	N
	091202L13	NA	BA3B	SE	BA3B01200913-15	0911223513		11/19/2009 12:00	12/23/2009 8:17	N
	091202L13	NA	BA3B	SE	BA3B01200913-15	0911223513		11/19/2009 12:00	12/23/2009 8:17	N
	091202L13	NA	BA3B	SE	BA3B01200907	091122354		11/19/2009 12:00	12/24/2009 3:44	N
	091202L13	NA	BA3B	SE	BA3B01200907	091122354		11/19/2009 12:00	12/24/2009 3:44	N
	091202L13	NA	BA3B	SE	BA3B01200901	091122351		11/19/2009 12:00	12/24/2009 12:44	N
	091202L13	NA	BA3B	SE	BA3B01200901	091122351		11/19/2009 12:00	12/24/2009 12:44	N
	091202L13	NA	BA3B	SE	BA3B01200903	091122352		11/19/2009 12:00	12/24/2009 1:07	N
	091202L13	NA	BA3B	SE	BA3B01200903	091122352		11/19/2009 12:00	12/24/2009 1:07	N
	091202L13	NA	BA3B	SE	BA3B01200905	091122353		11/19/2009 12:00	12/24/2009 1:31	N
	091202L13	NA	BA3B	SE	BA3B01200905	091122353		11/19/2009 12:00	12/24/2009 1:31	N
	091202L13	NA	BA3B	SE	BA3B01200909-11	0911223512		11/19/2009 12:00	12/24/2009 1:54	N
	091202L13	NA	BA3B	SE	BA3B01200917-19	0911223514		11/19/2009 12:00	12/24/2009 2:18	N
	091202L13	NA	BA3B	SE	BA3B01200917-19	0911223514		11/19/2009 12:00	12/24/2009 2:18	N
	091202L13	NA	BA3B	SE	BA3B01200907	091122354		11/19/2009 12:00	12/25/2009 12:07	N
	091202L13	NA	BA3B	SE	BA3B01200921	0911223511		11/19/2009 12:00	12/25/2009 12:31	N
	091202L13	NA	BA3B	SE	BA3B01200921	0911223511		11/19/2009 12:00	12/25/2009 12:31	N
	091202L13	NA	BA3B	SE	BA3B01200905	091122353		11/19/2009 12:00	12/27/2009 1:03	N

AUTOMATED DATA REVIEW SUMMARY for 09112235

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91205MOID2	NA	NA	BA3B	SE	BA3B01200917-19	0911223514		11/19/2009 12:00	12/05/2009 1:00	LR
	NA	NA	BA3B	SE	BA3B01200921	0911223511		11/19/2009 12:00	12/05/2009 1:00	N
91205MOIB2	NA	NA	LABQC	SQ	LABQC	099050141617		12/05/2009 1:00	12/05/2009 1:00	LB
91205MOID2	NA	NA	BA3B	SE	BA3B01200909-11	0911223512		11/19/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3B	SE	BA3B01200917-19	0911223514		11/19/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3B	SE	BA3B01200913-15	0911223513		11/19/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3B	SE	BA3B01200905	091122353		11/19/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3B	SE	BA3B01200907	091122354		11/19/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3B	SE	BA3B01200903	091122352		11/19/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3B	SE	BA3B01200901	091122351		11/19/2009 12:00	12/05/2009 1:00	N

AUTOMATED DATA REVIEW SUMMARY for 09112235

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202L15	091202L15	NA	LABQC	SQ	LABQC	0991301764		12/02/2009 12:00	12/19/2009 10:57	LB
	091202L15	NA	LABQC	SQ	LABQC	0991301764		12/02/2009 12:00	12/19/2009 11:29	BS
	091202L15	NA	LABQC	SQ	LABQC	0991301764		12/02/2009 12:00	12/19/2009 12:00	BD
091202S15	091202L15	NA	BA3B	SE	BA3B01200903	091122352		11/19/2009 12:00	12/19/2009 4:15	N
	091202L15	NA	BA3B	SE	BA3B01200903	091122352		11/19/2009 12:00	12/19/2009 4:15	N
	091202L15	NA	BA3B	SE	BA3B01200907	091122354		11/19/2009 12:00	12/19/2009 5:19	N
	091202L15	NA	BA3B	SE	BA3B01200907	091122354		11/19/2009 12:00	12/19/2009 5:19	N
	091202L15	NA	BA3B	SE	BA3B01200921	0911223511		11/19/2009 12:00	12/19/2009 5:50	N
	091202L15	NA	BA3B	SE	BA3B01200921	0911223511		11/19/2009 12:00	12/19/2009 5:50	N
	091202L15	NA	BA3B	SE	BA3B01200909-11	0911223512		11/19/2009 12:00	12/19/2009 6:21	N
	091202L15	NA	BA3B	SE	BA3B01200909-11	0911223512		11/19/2009 12:00	12/19/2009 6:21	N
	091202L15	NA	BA3B	SE	BA3B01200913-15	0911223513		11/19/2009 12:00	12/19/2009 6:53	N
	091202L15	NA	BA3B	SE	BA3B01200913-15	0911223513		11/19/2009 12:00	12/19/2009 6:53	N
	091202L15	NA	BA3B	SE	BA3B01200917-19	0911223514		11/19/2009 12:00	12/19/2009 7:26	N
	091202L15	NA	BA3B	SE	BA3B01200917-19	0911223514		11/19/2009 12:00	12/19/2009 7:26	N
	091202L15	NA	BA3B	SE	BA3B01200901	091122351		11/19/2009 12:00	12/20/2009 8:53	N
	091202L15	NA	BA3B	SE	BA3B01200901	091122351		11/19/2009 12:00	12/20/2009 8:53	N
	091202L15	NA	BA3B	SE	BA3B01200905	091122353		11/19/2009 12:00	12/20/2009 9:24	N
	091202L15	NA	BA3B	SE	BA3B01200905	091122353		11/19/2009 12:00	12/20/2009 9:24	N

AUTOMATED DATA REVIEW SUMMARY for 09112235

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91231TOCS1	NA	NA	BA3B	SE	BA3B01200905	091122353		11/19/2009 12:00	12/31/2009 4:23	N
	NA	NA	BA3B	SE	BA3B01200907	091122354		11/19/2009 12:00	12/31/2009 4:23	N
	NA	NA	BA3B	SE	BA3B01200901	091122351		11/19/2009 12:00	12/31/2009 4:23	N
	NA	NA	BA3B	SE	BA3B01200903	091122352		11/19/2009 12:00	12/31/2009 4:23	N
	NA	NA	BA3B	SE	BA3B01200909-11	0911223512		11/19/2009 12:00	12/31/2009 4:23	N
	NA	NA	BA3B	SE	BA3B01200909-11	0911223512		11/19/2009 12:00	12/31/2009 4:23	MS
	NA	NA	BA3B	SE	BA3B01200909-11	0911223512		11/19/2009 12:00	12/31/2009 4:23	SD
	NA	NA	BA3B	SE	BA3B01200921	0911223511		11/19/2009 12:00	12/31/2009 4:23	N
91231TOCL1	NA	NA	LABQC	SQ	LABQC	09906013442		12/31/2009 4:23	12/31/2009 4:23	BS
	NA	NA	LABQC	SQ	LABQC	09906013442		12/31/2009 4:23	12/31/2009 4:23	LB
100102TOCL	NA	NA	LABQC	SQ	LABQC	09906013444		01/02/2010 12:44	01/02/2010 12:44	BS
	NA	NA	LABQC	SQ	LABQC	09906013444		01/02/2010 12:44	01/02/2010 12:44	LB
100102TOCS	NA	NA	BA3B	SE	BA3B01200917-19	0911223514		11/19/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3B	SE	BA3B01200913-15	0911223513		11/19/2009 12:00	01/02/2010 12:44	N

AUTOMATED DATA REVIEW SUMMARY for 09112235

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3B01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.4	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,4,4'-TRICHLOROBIPHENYL	8.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	7.7 J	7.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3B01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',5-TRICHLOROBIPHENYL	8.4	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,4,4'-TRICHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,2',5-TRICHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,4,4'-TRICHLOROBIPHENYL	8.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200913-15	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR

AUTOMATED DATA REVIEW SUMMARY for 09112235

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3B01200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200921	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200921	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200921	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200921	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200921	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3B01200909-11	N	o,p'-DDT	7.6	7.1 J	7.1 J	ug/kg	TR
BNASIM/NONE	SE	BA3B01200917-19	N	o,p'-DDD	7.1	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	BA3B01200921	N	o,p'-DDD	7.2	4.1 J	4.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3B01200901	N	o,p'-DDD	8.4	12.0	12.0	ug/kg	
BNASIM/NONE	SE	BA3B01200901	N	p,p'-DDD	8.4	110	110	ug/kg	
BNASIM/NONE	SE	BA3B01200901	N	o,p'-DDE	8.4	57.0	57.0	ug/kg	
BNASIM/NONE	SE	BA3B01200901	N	p,p'-DDE	8.4	430	430	ug/kg	
BNASIM/NONE	SE	BA3B01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	78.0	78.0	ug/kg	
BNASIM/NONE	SE	BA3B01200901	N	1,1-bis(p-chlorophenyl)ethane	8.4	16.0	16.0	ug/kg	
BNASIM/NONE	SE	BA3B01200901	N	p,p'-DDT	8.4	22.0	22.0	ug/kg	
BNASIM/NONE	SE	BA3B01200903	N	o,p'-DDD	8.5	14.0	14.0	ug/kg	
BNASIM/NONE	SE	BA3B01200903	N	p,p'-DDD	8.5	74.0	74.0	ug/kg	
BNASIM/NONE	SE	BA3B01200903	N	o,p'-DDE	8.5	71.0	71.0	ug/kg	
BNASIM/NONE	SE	BA3B01200903	N	p,p'-DDE	8.5	530	530	ug/kg	
BNASIM/NONE	SE	BA3B01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.5	88.0	88.0	ug/kg	
BNASIM/NONE	SE	BA3B01200903	N	1,1-bis(p-chlorophenyl)ethane	8.5	20.0	20.0	ug/kg	
BNASIM/NONE	SE	BA3B01200903	N	p,p'-DDT	8.5	13.0	13.0	ug/kg	
BNASIM/NONE	SE	BA3B01200905	N	o,p'-DDD	8.4	24.0	24.0	ug/kg	
BNASIM/NONE	SE	BA3B01200905	N	p,p'-DDD	8.4	85.0	85.0	ug/kg	
BNASIM/NONE	SE	BA3B01200905	N	o,p'-DDE	8.4	130	130	ug/kg	
BNASIM/NONE	SE	BA3B01200905	N	p,p'-DDE	42.0	790 D	790	ug/kg	
BNASIM/NONE	SE	BA3B01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	160	160	ug/kg	
BNASIM/NONE	SE	BA3B01200905	N	1,1-bis(p-chlorophenyl)ethane	8.4	55.0	55.0	ug/kg	
BNASIM/NONE	SE	BA3B01200907	N	o,p'-DDD	8.3	55.0	55.0	ug/kg	
BNASIM/NONE	SE	BA3B01200907	N	p,p'-DDD	8.3	240	240	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3B01200907	N	o,p'-DDE	8.3	350	350	ug/kg	
BNASIM/NONE	SE	BA3B01200907	N	p,p'-DDE	83.0	2000 D	2000	ug/kg	
BNASIM/NONE	SE	BA3B01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	680	680	ug/kg	
BNASIM/NONE	SE	BA3B01200907	N	1,1-bis(p-chlorophenyl)ethane	8.3	170	170	ug/kg	
BNASIM/NONE	SE	BA3B01200909-11	N	o,p'-DDD	7.6	54.0	54.0	ug/kg	
BNASIM/NONE	SE	BA3B01200909-11	N	p,p'-DDD	7.6	210	210	ug/kg	
BNASIM/NONE	SE	BA3B01200909-11	N	o,p'-DDE	7.6	260	260	ug/kg	
BNASIM/NONE	SE	BA3B01200909-11	N	p,p'-DDE	76.0	1700 D	1700	ug/kg	
BNASIM/NONE	SE	BA3B01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	400	400	ug/kg	
BNASIM/NONE	SE	BA3B01200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.6	130	130	ug/kg	
BNASIM/NONE	SE	BA3B01200909-11	N	o,p'-DDT	7.6	7.1 J	7.1 J	ug/kg	TR
BNASIM/NONE	SE	BA3B01200909-11	N	p,p'-DDT	7.6	16.0	16.0	ug/kg	
BNASIM/NONE	SE	BA3B01200913-15	N	o,p'-DDD	7.2	14.0	14.0	ug/kg	
BNASIM/NONE	SE	BA3B01200913-15	N	p,p'-DDD	7.2	39.0	39.0	ug/kg	
BNASIM/NONE	SE	BA3B01200913-15	N	o,p'-DDE	7.2	80.0	80.0	ug/kg	
BNASIM/NONE	SE	BA3B01200913-15	N	p,p'-DDE	7.2	490	490	ug/kg	
BNASIM/NONE	SE	BA3B01200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	180	180	ug/kg	
BNASIM/NONE	SE	BA3B01200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.2	50.0	50.0	ug/kg	
BNASIM/NONE	SE	BA3B01200917-19	N	o,p'-DDD	7.1	6.0 J	6.0 J	ug/kg	TR
BNASIM/NONE	SE	BA3B01200917-19	N	p,p'-DDD	7.1	22.0	22.0	ug/kg	
BNASIM/NONE	SE	BA3B01200917-19	N	o,p'-DDE	7.1	44.0	44.0	ug/kg	
BNASIM/NONE	SE	BA3B01200917-19	N	p,p'-DDE	7.1	290	290	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3B01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	75.0	75.0	ug/kg	
BNASIM/NONE	SE	BA3B01200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.1	26.0	26.0	ug/kg	
BNASIM/NONE	SE	BA3B01200921	N	o,p'-DDD	7.2	4.1 J	4.1 J	ug/kg	TR
BNASIM/NONE	SE	BA3B01200921	N	p,p'-DDD	7.2	22.0	22.0	ug/kg	
BNASIM/NONE	SE	BA3B01200921	N	o,p'-DDE	7.2	39.0	39.0	ug/kg	
BNASIM/NONE	SE	BA3B01200921	N	p,p'-DDE	7.2	290	290	ug/kg	
BNASIM/NONE	SE	BA3B01200921	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	36.0	36.0	ug/kg	
BNASIM/NONE	SE	BA3B01200921	N	1,1-bis(p-chlorophenyl)ethane	7.2	20.0	20.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3B01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.4	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.5	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	4.1 J	4.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3B01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200903	N	2,4,4'-TRICHLOROBIPHENYL	8.5	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	BA3B01200905	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	PCB-138/158	8.4	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	BA3B01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.4	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	BA3B01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,2',5-TRICHLOROBIPHENYL	8.4	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200905	N	2,4,4'-TRICHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3B01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200907	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	PCB-138/158	8.3	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200907	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200907	N	2,2',5-TRICHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200907	N	2,4,4'-TRICHLOROBIPHENYL	8.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200909-11	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	7.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	PCB-138/158	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.6	12.0	12.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA3B01200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200913-15	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.2	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200921	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200921	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200921	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200921	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3B01200921	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR

AUTOMATED DATA REVIEW SUMMARY for 09112235

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA3B01200901	N	Moisture	0.10	40.7	40.7	PERCENT	
D2216/NONE	SE	BA3B01200903	N	Moisture	0.10	41.3	41.3	PERCENT	
D2216/NONE	SE	BA3B01200905	N	Moisture	0.10	40.4	40.4	PERCENT	
D2216/NONE	SE	BA3B01200907	N	Moisture	0.10	39.7	39.7	PERCENT	
D2216/NONE	SE	BA3B01200909-11	N	Moisture	0.10	33.9	33.9	PERCENT	
D2216/NONE	SE	BA3B01200913-15	N	Moisture	0.10	30.7	30.7	PERCENT	
D2216/NONE	SE	BA3B01200917-19	N	Moisture	0.10	29.3	29.3	PERCENT	
D2216/NONE	SE	BA3B01200921	N	Moisture	0.10	30.9	30.9	PERCENT	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA3B01200901	N	Total Organic Carbon	0.084	1.9	1.9	PERCENT	
SW9060/NONE	SE	BA3B01200903	N	Total Organic Carbon	0.085	2.5	2.5	PERCENT	
SW9060/NONE	SE	BA3B01200905	N	Total Organic Carbon	0.084	2.6	2.6	PERCENT	
SW9060/NONE	SE	BA3B01200907	N	Total Organic Carbon	0.083	3.1	3.1	PERCENT	
SW9060/NONE	SE	BA3B01200909-11	N	Total Organic Carbon	0.076	1.8	1.8	PERCENT	
SW9060/NONE	SE	BA3B01200913-15	N	Total Organic Carbon	0.072	1.6	1.6	PERCENT	
SW9060/NONE	SE	BA3B01200917-19	N	Total Organic Carbon	0.071	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA3B01200921	N	Total Organic Carbon	0.072	0.93	0.93	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09112236

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **Moisture by D2216**
   A laboratory duplicate (LR) was not provided on the electronic data deliverable (EDD) for the analytical batch for this sample delivery group (SDG). No qualifiers have been applied on this basis.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09112236

Facility: EPA, Region 9

Event: PV Shelf - Sediment

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09112236, Certified - 1/28/2010AM by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Leticia Sangalang

Data Reviewer Title: Senior Scientist

Date of Review Report: 08-Feb-2010

Samples Included in SDG 09112236

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	17	0
D2216/NONE	17	0
PCBSIM/NONE	17	0
SW9060/NONE	17	0

AUTOMATED DATA REVIEW SUMMARY for 09112236

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09112236. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Prep Hold Time

MS Recovery

Blank

BS RPD

LCS Recovery

Test Hold Time

MS RPD

Surrogate

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09112236

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank

Equip Blank

Confirmation Column Difference

Field Blank

Lab Replicate RPD

Calibration Blank - Negative

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09112236

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.43% (4 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

08-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09112236

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202L13	091202L13	NA	LABQC	SQ	LABQC	0991301329		12/02/2009 12:00	12/22/2009 5:20	LB
	091202L13	NA	LABQC	SQ	LABQC	0991301329		12/02/2009 12:00	12/22/2009 5:43	BS
	091202L13	NA	LABQC	SQ	LABQC	0991301329		12/02/2009 12:00	12/22/2009 6:07	BD
091203L12	091203L12	NA	LABQC	SQ	LABQC	0991301330		12/03/2009 12:00	12/23/2009 10:31	LB
	091203L12	NA	LABQC	SQ	LABQC	0991301330		12/03/2009 12:00	12/23/2009 10:55	BS
	091203L12	NA	LABQC	SQ	LABQC	0991301330		12/03/2009 12:00	12/23/2009 11:18	BD
091202S13	091202L13	NA	BA3C	SE	BA3C01200903	091122362		11/20/2009 12:00	12/23/2009 9:27	N
	091202L13	NA	BA3C	SE	BA3C01200903	091122362		11/20/2009 12:00	12/23/2009 9:27	N
	091202L13	NA	BA3C	SE	BA3C01200905	091122363		11/20/2009 12:00	12/23/2009 9:51	N
	091202L13	NA	BA3C	SE	BA3C01200905	091122363		11/20/2009 12:00	12/23/2009 9:51	N
	091202L13	NA	BA3C	SE	BA3C01200907	091122364		11/20/2009 12:00	12/23/2009 10:15	N
	091202L13	NA	BA3C	SE	BA3C01200907	091122364		11/20/2009 12:00	12/23/2009 10:15	N
	091202L13	NA	BA3C	SE	BA3C01200909-11	0911223631		11/20/2009 12:00	12/23/2009 10:38	N
	091202L13	NA	BA3C	SE	BA3C01200909-11	0911223631		11/20/2009 12:00	12/23/2009 10:38	N
	091202L13	NA	BA3C	SE	BA3C01200913-15	0911223632		11/20/2009 12:00	12/23/2009 11:02	N
	091202L13	NA	BA3C	SE	BA3C01200913-15	0911223632		11/20/2009 12:00	12/23/2009 11:02	N
	091202L13	NA	BA3C	SE	BA3C01200917-19	0911223633		11/20/2009 12:00	12/23/2009 11:25	N
	091202L13	NA	BA3C	SE	BA3C01200917-19	0911223633		11/20/2009 12:00	12/23/2009 11:25	N
091203S12	091203L12	NA	BA3C	SE	BA3C01200941-43	0911223639		11/20/2009 12:00	12/24/2009 1:47	N
	091203L12	NA	BA3C	SE	BA3C01200941-43	0911223639		11/20/2009 12:00	12/24/2009 1:47	N
	091203L12	NA	BA3C	SE	BA3C01200945-47	0911223640		11/20/2009 12:00	12/24/2009 2:10	N
	091203L12	NA	BA3C	SE	BA3C01200945-47	0911223640		11/20/2009 12:00	12/24/2009 2:10	N

AUTOMATED DATA REVIEW SUMMARY for 09112236

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S12	091203L12	NA	BA3C	SE	BA3C01200949-51	0911223641		11/20/2009 12:00	12/24/2009 2:34	N
	091203L12	NA	BA3C	SE	BA3C01200949-51	0911223641		11/20/2009 12:00	12/24/2009 2:34	N
	091203L12	NA	BA3C	SE	BA3C01200953-55	0911223642		11/20/2009 12:00	12/24/2009 2:57	N
	091203L12	NA	BA3C	SE	BA3C01200953-55	0911223642		11/20/2009 12:00	12/24/2009 2:57	N
091202S13P	091202L13	NA	BA3C	SE	BA3C01200901	091122361		11/20/2009 12:00	12/24/2009 2:41	N
	091202L13	NA	BA3C	SE	BA3C01200901	091122361		11/20/2009 12:00	12/24/2009 2:41	N
091202S13	091202L13	NA	BA3C	SE	BA3C01200907	091122364		11/20/2009 12:00	12/24/2009 3:05	N
	091202L13	NA	BA3C	SE	BA3C01200909-11	0911223631		11/20/2009 12:00	12/24/2009 3:29	N
	091202L13	NA	BA3C	SE	BA3C01200913-15	0911223632		11/20/2009 12:00	12/24/2009 3:52	N
	091202L13	NA	BA3C	SE	BA3C01200917-19	0911223633		11/20/2009 12:00	12/24/2009 4:16	N
	091202L13	NA	BA3C	SE	BA3C01200917-19	0911223633		11/20/2009 12:00	12/24/2009 6:37	MS
	091202L13	NA	BA3C	SE	BA3C01200917-19	0911223633		11/20/2009 12:00	12/24/2009 7:01	SD
	091202L13	NA	BA3C	SE	BA3C01200921-23	0911223634		11/20/2009 12:00	12/24/2009 7:24	N
	091202L13	NA	BA3C	SE	BA3C01200921-23	0911223634		11/20/2009 12:00	12/24/2009 7:24	N
	091202L13	NA	BA3C	SE	BA3C01200921-23	0911223634		11/20/2009 12:00	12/24/2009 7:48	N
	091202L13	NA	BA3C	SE	BA3C01200925-27	0911223635		11/20/2009 12:00	12/24/2009 8:11	N
	091202L13	NA	BA3C	SE	BA3C01200925-27	0911223635		11/20/2009 12:00	12/24/2009 8:11	N
	091202L13	NA	BA3C	SE	BA3C01200925-27	0911223635		11/20/2009 12:00	12/24/2009 8:35	N
	091202L13	NA	BA3C	SE	BA3C01200933-35	0911223637		11/20/2009 12:00	12/24/2009 9:46	N

AUTOMATED DATA REVIEW SUMMARY for 09112236

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202S13	091202L13	NA	BA3C	SE	BA3C01200933-35	0911223637		11/20/2009 12:00	12/24/2009 9:46	N
	091202L13	NA	BA3C	SE	BA3C01200933-35	0911223637		11/20/2009 12:00	12/24/2009 10:09	N
	091202L13	NA	BA3C	SE	BA3C01200937-39	0911223638		11/20/2009 12:00	12/24/2009 10:33	N
	091202L13	NA	BA3C	SE	BA3C01200937-39	0911223638		11/20/2009 12:00	12/24/2009 10:33	N
091203S12	091203L12	NA	BA3C	SE	BA3C01200941-43	0911223639		11/20/2009 12:00	12/24/2009 10:56	N
	091203L12	NA	BA3C	SE	BA3C01200945-47	0911223640		11/20/2009 12:00	12/24/2009 11:20	N
	091203L12	NA	BA3C	SE	BA3C01200957-59	0911223643		11/20/2009 12:00	12/24/2009 11:43	N
	091203L12	NA	BA3C	SE	BA3C01200957-59	0911223643		11/20/2009 12:00	12/24/2009 11:43	N
091202S13	091202L13	NA	BA3C	SE	BA3C01200929-31	0911223636		11/20/2009 12:00	12/26/2009 12:07	N
	091202L13	NA	BA3C	SE	BA3C01200929-31	0911223636		11/20/2009 12:00	12/26/2009 12:07	N
	091202L13	NA	BA3C	SE	BA3C01200929-31	0911223636		11/20/2009 12:00	12/26/2009 12:30	N

AUTOMATED DATA REVIEW SUMMARY for 09112236

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91205MOID2	NA	NA	BA3C	SE	BA3C01200933-35	0911223637		11/20/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3C	SE	BA3C01200937-39	0911223638		11/20/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3C	SE	BA3C01200929-31	0911223636		11/20/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3C	SE	BA3C01200925-27	0911223635		11/20/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3C	SE	BA3C01200921-23	0911223634		11/20/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3C	SE	BA3C01200917-19	0911223633		11/20/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3C	SE	BA3C01200913-15	0911223632		11/20/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3C	SE	BA3C01200909-11	0911223631		11/20/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3C	SE	BA3C01200901	091122361		11/20/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3C	SE	BA3C01200903	091122362		11/20/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3C	SE	BA3C01200907	091122364		11/20/2009 12:00	12/05/2009 1:00	N
	NA	NA	BA3C	SE	BA3C01200905	091122363		11/20/2009 12:00	12/05/2009 1:00	N
91205MOIB2	NA	NA	LABQC	SQ	LABQC	099050141617		12/05/2009 1:00	12/05/2009 1:00	LB
91205MOIB3	NA	NA	LABQC	SQ	LABQC	099050141618		12/05/2009 3:00	12/05/2009 3:00	LB
91205MOID3	NA	NA	BA3C	SE	BA3C01200957-59	0911223643		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA3C	SE	BA3C01200953-55	0911223642		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA3C	SE	BA3C01200949-51	0911223641		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA3C	SE	BA3C01200945-47	0911223640		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA3C	SE	BA3C01200941-43	0911223639		11/20/2009 12:00	12/05/2009 3:00	N

AUTOMATED DATA REVIEW SUMMARY for 09112236

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202L15	091202L15	NA	LABQC	SQ	LABQC	0991301764		12/02/2009 12:00	12/19/2009 10:57	LB
	091202L15	NA	LABQC	SQ	LABQC	0991301764		12/02/2009 12:00	12/19/2009 11:29	BS
	091202L15	NA	LABQC	SQ	LABQC	0991301764		12/02/2009 12:00	12/19/2009 12:00	BD
091202S15	091202L15	NA	BA3C	SE	BA3C01200929-31	0911223636		11/20/2009 12:00	12/19/2009 7:57	N
	091202L15	NA	BA3C	SE	BA3C01200929-31	0911223636		11/20/2009 12:00	12/19/2009 7:57	N
	091202L15	NA	BA3C	SE	BA3C01200929-31	0911223636		11/20/2009 12:00	12/19/2009 8:29	MS
	091202L15	NA	BA3C	SE	BA3C01200929-31	0911223636		11/20/2009 12:00	12/19/2009 9:00	SD
	091202L15	NA	BA3C	SE	BA3C01200901	091122361		11/20/2009 12:00	12/19/2009 9:31	N
	091202L15	NA	BA3C	SE	BA3C01200901	091122361		11/20/2009 12:00	12/19/2009 9:31	N
	091202L15	NA	BA3C	SE	BA3C01200903	091122362		11/20/2009 12:00	12/19/2009 10:03	N
	091202L15	NA	BA3C	SE	BA3C01200903	091122362		11/20/2009 12:00	12/19/2009 10:03	N
091203L14	091203L14	NA	LABQC	SQ	LABQC	0991301765		12/03/2009 12:00	12/20/2009 11:48	LB
	091203L14	NA	LABQC	SQ	LABQC	0991301765		12/03/2009 12:00	12/20/2009 12:21	BS
	091203L14	NA	LABQC	SQ	LABQC	0991301765		12/03/2009 12:00	12/20/2009 12:51	BD
091202S15	091202L15	NA	BA3C	SE	BA3C01200905	091122363		11/20/2009 12:00	12/20/2009 4:07	N
	091202L15	NA	BA3C	SE	BA3C01200905	091122363		11/20/2009 12:00	12/20/2009 4:07	N
	091202L15	NA	BA3C	SE	BA3C01200907	091122364		11/20/2009 12:00	12/20/2009 4:38	N
	091202L15	NA	BA3C	SE	BA3C01200907	091122364		11/20/2009 12:00	12/20/2009 4:38	N
	091202L15	NA	BA3C	SE	BA3C01200909-11	0911223631		11/20/2009 12:00	12/20/2009 5:09	N
	091202L15	NA	BA3C	SE	BA3C01200909-11	0911223631		11/20/2009 12:00	12/20/2009 5:09	N
	091202L15	NA	BA3C	SE	BA3C01200913-15	0911223632		11/20/2009 12:00	12/20/2009 5:42	N
	091202L15	NA	BA3C	SE	BA3C01200913-15	0911223632		11/20/2009 12:00	12/20/2009 5:42	N
	091202L15	NA	BA3C	SE	BA3C01200917-19	0911223633		11/20/2009 12:00	12/20/2009 6:16	N

AUTOMATED DATA REVIEW SUMMARY for 09112236

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091202S15	091202L15	NA	BA3C	SE	BA3C01200917-19	0911223633		11/20/2009 12:00	12/20/2009 6:16	N
	091202L15	NA	BA3C	SE	BA3C01200921-23	0911223634		11/20/2009 12:00	12/20/2009 6:47	N
	091202L15	NA	BA3C	SE	BA3C01200921-23	0911223634		11/20/2009 12:00	12/20/2009 6:47	N
	091202L15	NA	BA3C	SE	BA3C01200925-27	0911223635		11/20/2009 12:00	12/20/2009 7:19	N
	091202L15	NA	BA3C	SE	BA3C01200925-27	0911223635		11/20/2009 12:00	12/20/2009 7:19	N
	091202L15	NA	BA3C	SE	BA3C01200933-35	0911223637		11/20/2009 12:00	12/20/2009 7:49	N
	091202L15	NA	BA3C	SE	BA3C01200933-35	0911223637		11/20/2009 12:00	12/20/2009 7:49	N
	091202L15	NA	BA3C	SE	BA3C01200937-39	0911223638		11/20/2009 12:00	12/20/2009 8:21	N
	091202L15	NA	BA3C	SE	BA3C01200937-39	0911223638		11/20/2009 12:00	12/20/2009 8:21	N
091203S14	091203L14	NA	BA3C	SE	BA3C01200941-43	0911223639		11/20/2009 12:00	12/21/2009 2:02	N
	091203L14	NA	BA3C	SE	BA3C01200941-43	0911223639		11/20/2009 12:00	12/21/2009 2:02	N
	091203L14	NA	BA3C	SE	BA3C01200945-47	0911223640		11/20/2009 12:00	12/21/2009 2:30	N
	091203L14	NA	BA3C	SE	BA3C01200945-47	0911223640		11/20/2009 12:00	12/21/2009 2:30	N
	091203L14	NA	BA3C	SE	BA3C01200949-51	0911223641		11/20/2009 12:00	12/21/2009 3:00	N
	091203L14	NA	BA3C	SE	BA3C01200949-51	0911223641		11/20/2009 12:00	12/21/2009 3:00	N
	091203L14	NA	BA3C	SE	BA3C01200953-55	0911223642		11/20/2009 12:00	12/21/2009 3:30	N
	091203L14	NA	BA3C	SE	BA3C01200953-55	0911223642		11/20/2009 12:00	12/21/2009 3:30	N
	091203L14	NA	BA3C	SE	BA3C01200957-59	0911223643		11/20/2009 12:00	12/21/2009 12:22	N

AUTOMATED DATA REVIEW SUMMARY for 09112236

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S14	091203L14	NA	BA3C	SE	BA3C01200957-59	0911223643		11/20/2009 12:00	12/21/2009 12:22	N

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
100102TOCS	NA	NA	BA3C	SE	BA3C01200957-59	0911223643		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200957-59	0911223643		11/20/2009 12:00	01/02/2010 12:44	SD
	NA	NA	BA3C	SE	BA3C01200953-55	0911223642		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200957-59	0911223643		11/20/2009 12:00	01/02/2010 12:44	MS
	NA	NA	BA3C	SE	BA3C01200949-51	0911223641		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200945-47	0911223640		11/20/2009 12:00	01/02/2010 12:44	N
100102TOCL	NA	NA	LABQC	SQ	LABQC	09906013444		01/02/2010 12:44	01/02/2010 12:44	BS
	NA	NA	LABQC	SQ	LABQC	09906013444		01/02/2010 12:44	01/02/2010 12:44	LB
100102TOCS	NA	NA	BA3C	SE	BA3C01200941-43	0911223639		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200937-39	0911223638		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200933-35	0911223637		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200925-27	0911223635		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200929-31	0911223636		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200921-23	0911223634		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200917-19	0911223633		11/20/2009 12:00	01/02/2010 12:44	N

AUTOMATED DATA REVIEW SUMMARY for 09112236

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
100102TOCS	NA	NA	BA3C	SE	BA3C01200913-15	0911223632		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200909-11	0911223631		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200907	091122364		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200905	091122363		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200903	091122362		11/20/2009 12:00	01/02/2010 12:44	N
	NA	NA	BA3C	SE	BA3C01200901	091122361		11/20/2009 12:00	01/02/2010 12:44	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	BA3C01200917-19 / MS	1	1,1-bis(p-chlorophenyl) ethane	22.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA3C01200917-19 / SD	1	1,1-bis(p-chlorophenyl) ethane	20.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA3C01200917-19 / MS	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA3C01200917-19 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA3C01200917-19 / MS	1	o,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA3C01200917-19 / SD	1	o,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA3C01200917-19 / MS	1	o,p'-DDT	126	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA3C01200917-19 / MS	1	p,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA3C01200917-19 / SD	1	p,p'-DDE	0.0000	PERCENT	J/ R	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA3C01200917-19 / MS	1	p,p'-DDT	160	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA3C01200917-19 / SD	1	p,p'-DDT	128	PERCENT	J/None	50 - 125	10 - 135	M	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	PCB-138/158	7.7	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,2',5-TRICHLOROBIPHENYL	7.8	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	3.1 J	3.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	7.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.9	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.9	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	7.8	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.8	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	7.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	7.8	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.8	4.0 J	4.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.8	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.4	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',5-TRICHLOROBIPHENYL	8.4	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.3	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2,4,4'-TRICHLOROBIPHENYL	8.3	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.4	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',5-TRICHLOROBIPHENYL	8.4	6.2 J	6.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200929-31	N	2,4,4'-TRICHLOROBIPHENYL	8.4	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',5-TRICHLOROBIPHENYL	7.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	PCB-138/158	7.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.4	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,2',5-TRICHLOROBIPHENYL	7.4	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.4	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	3.8 J	3.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.2	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',5-TRICHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.2	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',5-TRICHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3C01200901	N	o,p'-DDD	9.7	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200909-11	N	p,p'-DDT	7.9	5.1 J	5.1 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200917-19	N	o,p'-DDE	7.8	340	340 J	ug/kg	M
BNASIM/NONE	SE	BA3C01200917-19	N	p,p'-DDE	78.0	1200 D	1200 J	ug/kg	M
BNASIM/NONE	SE	BA3C01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	78.0	1000 D	1000 J	ug/kg	M
BNASIM/NONE	SE	BA3C01200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.8	240	240 J	ug/kg	M
BNASIM/NONE	SE	BA3C01200925-27	N	p,p'-DDT	8.3	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200933-35	N	p,p'-DDT	7.8	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200945-47	N	o,p'-DDT	7.2	4.2 J	4.2 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200949-51	N	p,p'-DDD	7.0	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200953-55	N	p,p'-DDD	6.9	6.4 J	6.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3C01200901	N	o,p'-DDD	9.7	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200901	N	p,p'-DDD	9.7	17.0	17.0	ug/kg	
BNASIM/NONE	SE	BA3C01200901	N	o,p'-DDE	9.7	36.0	36.0	ug/kg	
BNASIM/NONE	SE	BA3C01200901	N	p,p'-DDE	9.7	200	200	ug/kg	
BNASIM/NONE	SE	BA3C01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.7	99.0	99.0	ug/kg	
BNASIM/NONE	SE	BA3C01200901	N	1,1-bis(p-chlorophenyl)ethane	9.7	14.0	14.0	ug/kg	
BNASIM/NONE	SE	BA3C01200903	N	o,p'-DDD	8.2	9.4	9.4	ug/kg	
BNASIM/NONE	SE	BA3C01200903	N	p,p'-DDD	8.2	39.0	39.0	ug/kg	
BNASIM/NONE	SE	BA3C01200903	N	o,p'-DDE	8.2	69.0	69.0	ug/kg	
BNASIM/NONE	SE	BA3C01200903	N	p,p'-DDE	8.2	390	390	ug/kg	
BNASIM/NONE	SE	BA3C01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	170	170	ug/kg	
BNASIM/NONE	SE	BA3C01200903	N	1,1-bis(p-chlorophenyl)ethane	8.2	28.0	28.0	ug/kg	
BNASIM/NONE	SE	BA3C01200905	N	o,p'-DDD	7.7	11.0	11.0	ug/kg	
BNASIM/NONE	SE	BA3C01200905	N	p,p'-DDD	7.7	32.0	32.0	ug/kg	
BNASIM/NONE	SE	BA3C01200905	N	o,p'-DDE	7.7	93.0	93.0	ug/kg	
BNASIM/NONE	SE	BA3C01200905	N	p,p'-DDE	7.7	510	510	ug/kg	
BNASIM/NONE	SE	BA3C01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	250	250	ug/kg	
BNASIM/NONE	SE	BA3C01200905	N	1,1-bis(p-chlorophenyl)ethane	7.7	41.0	41.0	ug/kg	
BNASIM/NONE	SE	BA3C01200907	N	o,p'-DDD	7.8	19.0	19.0	ug/kg	
BNASIM/NONE	SE	BA3C01200907	N	p,p'-DDD	7.8	51.0	51.0	ug/kg	
BNASIM/NONE	SE	BA3C01200907	N	o,p'-DDE	7.8	150	150	ug/kg	
BNASIM/NONE	SE	BA3C01200907	N	p,p'-DDE	39.0	770 D	770	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3C01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.8	390	390	ug/kg	
BNASIM/NONE	SE	BA3C01200907	N	1,1-bis(p-chlorophenyl)ethane	7.8	69.0	69.0	ug/kg	
BNASIM/NONE	SE	BA3C01200909-11	N	o,p'-DDD	7.9	23.0	23.0	ug/kg	
BNASIM/NONE	SE	BA3C01200909-11	N	p,p'-DDD	7.9	120	120	ug/kg	
BNASIM/NONE	SE	BA3C01200909-11	N	o,p'-DDE	7.9	180	180	ug/kg	
BNASIM/NONE	SE	BA3C01200909-11	N	p,p'-DDE	39.0	760 D	760	ug/kg	
BNASIM/NONE	SE	BA3C01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.9	590	590	ug/kg	
BNASIM/NONE	SE	BA3C01200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.9	100	100	ug/kg	
BNASIM/NONE	SE	BA3C01200909-11	N	p,p'-DDT	7.9	5.1 J	5.1 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200913-15	N	o,p'-DDD	7.8	35.0	35.0	ug/kg	
BNASIM/NONE	SE	BA3C01200913-15	N	p,p'-DDD	7.8	100	100	ug/kg	
BNASIM/NONE	SE	BA3C01200913-15	N	o,p'-DDE	7.8	300	300	ug/kg	
BNASIM/NONE	SE	BA3C01200913-15	N	p,p'-DDE	39.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	BA3C01200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	39.0	980 D	980	ug/kg	
BNASIM/NONE	SE	BA3C01200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.8	200	200	ug/kg	
BNASIM/NONE	SE	BA3C01200917-19	N	o,p'-DDD	7.8	40.0	40.0	ug/kg	
BNASIM/NONE	SE	BA3C01200917-19	N	p,p'-DDD	7.8	100	100	ug/kg	
BNASIM/NONE	SE	BA3C01200917-19	N	o,p'-DDE	7.8	340	340 J	ug/kg	M
BNASIM/NONE	SE	BA3C01200917-19	N	p,p'-DDE	78.0	1200 D	1200 J	ug/kg	M
BNASIM/NONE	SE	BA3C01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	78.0	1000 D	1000 J	ug/kg	M
BNASIM/NONE	SE	BA3C01200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.8	240	240 J	ug/kg	M
BNASIM/NONE	SE	BA3C01200921-23	N	o,p'-DDD	8.4	42.0	42.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3C01200921-23	N	p,p'-DDD	8.4	96.0	96.0	ug/kg	
BNASIM/NONE	SE	BA3C01200921-23	N	o,p'-DDE	8.4	350	350	ug/kg	
BNASIM/NONE	SE	BA3C01200921-23	N	p,p'-DDE	42.0	1000 D	1000	ug/kg	
BNASIM/NONE	SE	BA3C01200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	42.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	BA3C01200921-23	N	1,1-bis(p-chlorophenyl)ethane	8.4	310	310	ug/kg	
BNASIM/NONE	SE	BA3C01200921-23	N	p,p'-DDT	8.4	23.0	23.0	ug/kg	
BNASIM/NONE	SE	BA3C01200925-27	N	o,p'-DDD	8.3	28.0	28.0	ug/kg	
BNASIM/NONE	SE	BA3C01200925-27	N	p,p'-DDD	8.3	66.0	66.0	ug/kg	
BNASIM/NONE	SE	BA3C01200925-27	N	o,p'-DDE	8.3	280	280	ug/kg	
BNASIM/NONE	SE	BA3C01200925-27	N	p,p'-DDE	41.0	780 D	780	ug/kg	
BNASIM/NONE	SE	BA3C01200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	41.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	BA3C01200925-27	N	1,1-bis(p-chlorophenyl)ethane	8.3	220	220	ug/kg	
BNASIM/NONE	SE	BA3C01200925-27	N	p,p'-DDT	8.3	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200929-31	N	o,p'-DDD	8.4	39.0	39.0	ug/kg	
BNASIM/NONE	SE	BA3C01200929-31	N	p,p'-DDD	8.4	110	110	ug/kg	
BNASIM/NONE	SE	BA3C01200929-31	N	o,p'-DDE	8.4	380	380	ug/kg	
BNASIM/NONE	SE	BA3C01200929-31	N	p,p'-DDE	84.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	BA3C01200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	84.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	BA3C01200929-31	N	1,1-bis(p-chlorophenyl)ethane	8.4	300	300	ug/kg	
BNASIM/NONE	SE	BA3C01200929-31	N	o,p'-DDT	8.4	11.0	11.0	ug/kg	
BNASIM/NONE	SE	BA3C01200929-31	N	p,p'-DDT	8.4	240	240	ug/kg	
BNASIM/NONE	SE	BA3C01200933-35	N	o,p'-DDD	7.8	29.0	29.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3C01200933-35	N	p,p'-DDD	7.8	96.0	96.0	ug/kg	
BNASIM/NONE	SE	BA3C01200933-35	N	o,p'-DDE	7.8	220	220	ug/kg	
BNASIM/NONE	SE	BA3C01200933-35	N	p,p'-DDE	7.8	760	760	ug/kg	
BNASIM/NONE	SE	BA3C01200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	39.0	1000 D	1000	ug/kg	
BNASIM/NONE	SE	BA3C01200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.8	230	230	ug/kg	
BNASIM/NONE	SE	BA3C01200933-35	N	p,p'-DDT	7.8	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200937-39	N	o,p'-DDD	7.4	14.0	14.0	ug/kg	
BNASIM/NONE	SE	BA3C01200937-39	N	p,p'-DDD	7.4	47.0	47.0	ug/kg	
BNASIM/NONE	SE	BA3C01200937-39	N	o,p'-DDE	7.4	110	110	ug/kg	
BNASIM/NONE	SE	BA3C01200937-39	N	p,p'-DDE	7.4	390	390	ug/kg	
BNASIM/NONE	SE	BA3C01200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	570	570	ug/kg	
BNASIM/NONE	SE	BA3C01200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.4	120	120	ug/kg	
BNASIM/NONE	SE	BA3C01200941-43	N	o,p'-DDD	7.2	27.0	27.0	ug/kg	
BNASIM/NONE	SE	BA3C01200941-43	N	p,p'-DDD	7.2	62.0	62.0	ug/kg	
BNASIM/NONE	SE	BA3C01200941-43	N	o,p'-DDE	7.2	220	220	ug/kg	
BNASIM/NONE	SE	BA3C01200941-43	N	p,p'-DDE	36.0	580 D	580	ug/kg	
BNASIM/NONE	SE	BA3C01200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	36.0	880 D	880	ug/kg	
BNASIM/NONE	SE	BA3C01200941-43	N	1,1-bis(p-chlorophenyl)ethane	7.2	210	210	ug/kg	
BNASIM/NONE	SE	BA3C01200945-47	N	o,p'-DDD	7.2	24.0	24.0	ug/kg	
BNASIM/NONE	SE	BA3C01200945-47	N	p,p'-DDD	7.2	48.0	48.0	ug/kg	
BNASIM/NONE	SE	BA3C01200945-47	N	o,p'-DDE	7.2	210	210	ug/kg	
BNASIM/NONE	SE	BA3C01200945-47	N	p,p'-DDE	36.0	640 D	640	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3C01200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	36.0	830 D	830	ug/kg	
BNASIM/NONE	SE	BA3C01200945-47	N	1,1-bis(p-chlorophenyl)ethane	7.2	180	180	ug/kg	
BNASIM/NONE	SE	BA3C01200945-47	N	o,p'-DDT	7.2	4.2 J	4.2 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200949-51	N	p,p'-DDD	7.0	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200949-51	N	o,p'-DDE	7.0	22.0	22.0	ug/kg	
BNASIM/NONE	SE	BA3C01200949-51	N	p,p'-DDE	7.0	95.0	95.0	ug/kg	
BNASIM/NONE	SE	BA3C01200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	93.0	93.0	ug/kg	
BNASIM/NONE	SE	BA3C01200949-51	N	1,1-bis(p-chlorophenyl)ethane	7.0	24.0	24.0	ug/kg	
BNASIM/NONE	SE	BA3C01200953-55	N	p,p'-DDD	6.9	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	BA3C01200953-55	N	o,p'-DDE	6.9	26.0	26.0	ug/kg	
BNASIM/NONE	SE	BA3C01200953-55	N	p,p'-DDE	6.9	100	100	ug/kg	
BNASIM/NONE	SE	BA3C01200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	100	100	ug/kg	
BNASIM/NONE	SE	BA3C01200953-55	N	1,1-bis(p-chlorophenyl)ethane	6.9	21.0	21.0	ug/kg	
BNASIM/NONE	SE	BA3C01200957-59	N	o,p'-DDE	7.1	15.0	15.0	ug/kg	
BNASIM/NONE	SE	BA3C01200957-59	N	p,p'-DDE	7.1	55.0	55.0	ug/kg	
BNASIM/NONE	SE	BA3C01200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	68.0	68.0	ug/kg	
BNASIM/NONE	SE	BA3C01200957-59	N	1,1-bis(p-chlorophenyl)ethane	7.1	12.0	12.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.2	3.6 J	3.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	PCB-138/158	7.7	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200907	N	PCB-138/158	7.8	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	BA3C01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	BA3C01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.8	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	BA3C01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200907	N	2,2',5-TRICHLOROBIPHENYL	7.8	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	3.1 J	3.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200909-11	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	7.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	PCB-138/158	7.9	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	BA3C01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.9	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.9	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	BA3C01200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	7.9 J	7.9	ug/kg	
PCBSIM/NONE	SE	BA3C01200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.9	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200913-15	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	7.8	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	7.8	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	2.8 J	2.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200913-15	N	PCB-138/158	7.8	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200913-15	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.8	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200913-15	N	2,2',5-TRICHLOROBIPHENYL	7.8	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.8	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200917-19	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	7.8	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	7.8	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	PCB-138/158	7.8	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200917-19	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.8	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	3.6 J	3.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.8	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200917-19	N	2,4,4'-TRICHLOROBIPHENYL	7.8	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200921-23	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.4	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	PCB-138/158	8.4	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200921-23	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.4	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200921-23	N	2,2',5-TRICHLOROBIPHENYL	8.4	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.4	8.4 J	8.4	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	PCB-138/158	8.3	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	BA3C01200925-27	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.3	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200925-27	N	2,4,4'-TRICHLOROBIPHENYL	8.3	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200929-31	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.4	4.3 J	4.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200929-31	N	PCB-138/158	8.4	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200929-31	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.4	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200929-31	N	2,2',5-TRICHLOROBIPHENYL	8.4	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200929-31	N	2,4,4'-TRICHLOROBIPHENYL	8.4	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.8	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.8	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200933-35	N	PCB-138/158	7.8	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.8	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.8	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	11.0	11.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200933-35	N	2,2',5-TRICHLOROBIPHENYL	7.8	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.8	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	PCB-138/158	7.4	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	7.5	7.5	ug/kg	
PCBSIM/NONE	SE	BA3C01200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.4	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	7.8	7.8	ug/kg	
PCBSIM/NONE	SE	BA3C01200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,2',5-TRICHLOROBIPHENYL	7.4	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.4	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200941-43	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200941-43	N	PCB-138/158	7.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200941-43	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200941-43	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.2	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	8.5	8.5	ug/kg	
PCBSIM/NONE	SE	BA3C01200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	BA3C01200941-43	N	2,2',5-TRICHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.2	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200945-47	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	PCB-138/158	7.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.2	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA3C01200945-47	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	7.7	7.7	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	BA3C01200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	BA3C01200945-47	N	2,2',5-TRICHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3C01200945-47	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.1 J	3.1 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA3C01200901	N	Moisture	0.10	48.4	48.4	PERCENT	
D2216/NONE	SE	BA3C01200903	N	Moisture	0.10	38.7	38.7	PERCENT	
D2216/NONE	SE	BA3C01200905	N	Moisture	0.10	35.3	35.3	PERCENT	
D2216/NONE	SE	BA3C01200907	N	Moisture	0.10	36.2	36.2	PERCENT	
D2216/NONE	SE	BA3C01200909-11	N	Moisture	0.10	36.7	36.7	PERCENT	
D2216/NONE	SE	BA3C01200913-15	N	Moisture	0.10	36.3	36.3	PERCENT	
D2216/NONE	SE	BA3C01200917-19	N	Moisture	0.10	36.3	36.3	PERCENT	
D2216/NONE	SE	BA3C01200921-23	N	Moisture	0.10	40.5	40.5	PERCENT	
D2216/NONE	SE	BA3C01200925-27	N	Moisture	0.10	39.4	39.4	PERCENT	
D2216/NONE	SE	BA3C01200929-31	N	Moisture	0.10	40.6	40.6	PERCENT	
D2216/NONE	SE	BA3C01200933-35	N	Moisture	0.10	36.3	36.3	PERCENT	
D2216/NONE	SE	BA3C01200937-39	N	Moisture	0.10	32.6	32.6	PERCENT	
D2216/NONE	SE	BA3C01200941-43	N	Moisture	0.10	30.7	30.7	PERCENT	
D2216/NONE	SE	BA3C01200945-47	N	Moisture	0.10	31.0	31.0	PERCENT	
D2216/NONE	SE	BA3C01200949-51	N	Moisture	0.10	28.5	28.5	PERCENT	
D2216/NONE	SE	BA3C01200953-55	N	Moisture	0.10	28.0	28.0	PERCENT	
D2216/NONE	SE	BA3C01200957-59	N	Moisture	0.10	29.5	29.5	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA3C01200901	N	Total Organic Carbon	0.097	2.6	2.6	PERCENT	
SW9060/NONE	SE	BA3C01200903	N	Total Organic Carbon	0.082	2.3	2.3	PERCENT	
SW9060/NONE	SE	BA3C01200905	N	Total Organic Carbon	0.077	2.3	2.3	PERCENT	
SW9060/NONE	SE	BA3C01200907	N	Total Organic Carbon	0.078	2.2	2.2	PERCENT	
SW9060/NONE	SE	BA3C01200909-11	N	Total Organic Carbon	0.079	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA3C01200913-15	N	Total Organic Carbon	0.078	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA3C01200917-19	N	Total Organic Carbon	0.078	2.2	2.2	PERCENT	
SW9060/NONE	SE	BA3C01200921-23	N	Total Organic Carbon	0.084	2.8	2.8	PERCENT	
SW9060/NONE	SE	BA3C01200925-27	N	Total Organic Carbon	0.083	2.8	2.8	PERCENT	
SW9060/NONE	SE	BA3C01200929-31	N	Total Organic Carbon	0.084	3.3	3.3	PERCENT	
SW9060/NONE	SE	BA3C01200933-35	N	Total Organic Carbon	0.078	2.6	2.6	PERCENT	
SW9060/NONE	SE	BA3C01200937-39	N	Total Organic Carbon	0.074	2.0	2.0	PERCENT	
SW9060/NONE	SE	BA3C01200941-43	N	Total Organic Carbon	0.072	1.9	1.9	PERCENT	
SW9060/NONE	SE	BA3C01200945-47	N	Total Organic Carbon	0.072	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA3C01200949-51	N	Total Organic Carbon	0.070	1.9	1.9	PERCENT	
SW9060/NONE	SE	BA3C01200953-55	N	Total Organic Carbon	0.069	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA3C01200957-59	N	Total Organic Carbon	0.071	2.0	2.0	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09112237

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

There were no data verification findings associated with this sample delivery group that require discussion beyond that summarized in the attached reports.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09112237

Facility: EPA, Region 9

Event: PV Shelf - Sediment

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09112237, Certified - 1/28/2010AM by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Leticia Sangalang

Data Reviewer Title: Senior Scientist

Date of Review Report: 08-Feb-2010

Samples Included in SDG 09112237

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	18	0
D2216/NONE	18	0
PCBSIM/NONE	18	0
SW9060/NONE	18	0

AUTOMATED DATA REVIEW SUMMARY for 09112237

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09112237. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Blank

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09112237

Confirmation Column Difference

Field Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank

Equip Blank

Calibration Blank - Negative

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09112237

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.11% (1 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

08-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09112237

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203L11	091203L11	NA	LABQC	SQ	LABQC	0991301331		12/03/2009 12:00	12/24/2009 10:46	LB
	091203L11	NA	LABQC	SQ	LABQC	0991301331		12/03/2009 12:00	12/24/2009 11:10	BS
	091203L11	NA	LABQC	SQ	LABQC	0991301331		12/03/2009 12:00	12/24/2009 11:33	BD
091203S11	091203L11	NA	BA3DC	SE	BA3DC01200905	091122373		11/20/2009 12:00	12/25/2009 1:41	N
	091203L11	NA	BA3DC	SE	BA3DC01200905	091122373		11/20/2009 12:00	12/25/2009 1:41	N
	091203L11	NA	BA3DC	SE	BA3DC01200921-23	0911223736		11/20/2009 12:00	12/25/2009 3:39	N
	091203L11	NA	BA3DC	SE	BA3DC01200921-23	0911223736		11/20/2009 12:00	12/25/2009 3:39	N
091203S11P	091203L11	NA	BA3DC	SE	BA3DC01200901	091122371		11/20/2009 12:00	12/26/2009 12:54	N
	091203L11	NA	BA3DC	SE	BA3DC01200901	091122371		11/20/2009 12:00	12/26/2009 12:54	N
091203S11	091203L11	NA	BA3DC	SE	BA3DC01200907	091122374		11/20/2009 12:00	12/26/2009 1:41	N
	091203L11	NA	BA3DC	SE	BA3DC01200907	091122374		11/20/2009 12:00	12/26/2009 1:41	N
	091203L11	NA	BA3DC	SE	BA3DC01200909-11	0911223733		11/20/2009 12:00	12/26/2009 2:04	N
	091203L11	NA	BA3DC	SE	BA3DC01200909-11	0911223733		11/20/2009 12:00	12/26/2009 2:04	N
	091203L11	NA	BA3DC	SE	BA3DC01200913-15	0911223734		11/20/2009 12:00	12/26/2009 2:28	N
	091203L11	NA	BA3DC	SE	BA3DC01200913-15	0911223734		11/20/2009 12:00	12/26/2009 2:28	N
	091203L11	NA	BA3DC	SE	BA3DC01200917-19	0911223735		11/20/2009 12:00	12/26/2009 2:51	N
	091203L11	NA	BA3DC	SE	BA3DC01200917-19	0911223735		11/20/2009 12:00	12/26/2009 2:51	N
	091203L11	NA	BA3DC	SE	BA3DC01200925-27	0911223737		11/20/2009 12:00	12/26/2009 3:15	N
	091203L11	NA	BA3DC	SE	BA3DC01200925-27	0911223737		11/20/2009 12:00	12/26/2009 3:15	N
	091203L11	NA	BA3DC	SE	BA3DC01200929-31	0911223738		11/20/2009 12:00	12/26/2009 3:38	N
	091203L11	NA	BA3DC	SE	BA3DC01200929-31	0911223738		11/20/2009 12:00	12/26/2009 3:38	N

AUTOMATED DATA REVIEW SUMMARY for 09112237

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S11	091203L11	NA	BA3DC	SE	BA3DC01200903	091122372		11/20/2009 12:00	12/26/2009 4:02	N
	091203L11	NA	BA3DC	SE	BA3DC01200903	091122372		11/20/2009 12:00	12/26/2009 4:02	N
	091203L11	NA	BA3DC	SE	BA3DC01200933-35	0911223739		11/20/2009 12:00	12/26/2009 7:07	N
	091203L11	NA	BA3DC	SE	BA3DC01200933-35	0911223739		11/20/2009 12:00	12/26/2009 7:07	N
	091203L11	NA	BA3DC	SE	BA3DC01200937-39	0911223740		11/20/2009 12:00	12/26/2009 7:30	N
	091203L11	NA	BA3DC	SE	BA3DC01200937-39	0911223740		11/20/2009 12:00	12/26/2009 7:30	N
	091203L11	NA	BA3DC	SE	BA3DC01200941-43	0911223741		11/20/2009 12:00	12/26/2009 7:54	N
	091203L11	NA	BA3DC	SE	BA3DC01200941-43	0911223741		11/20/2009 12:00	12/26/2009 7:54	N
	091203L11	NA	BA3DC	SE	BA3DC01200945-47	0911223742		11/20/2009 12:00	12/26/2009 8:17	N
	091203L11	NA	BA3DC	SE	BA3DC01200945-47	0911223742		11/20/2009 12:00	12/26/2009 8:17	N
	091203L11	NA	BA3DC	SE	BA3DC01200949-51	0911223743		11/20/2009 12:00	12/26/2009 8:41	N
	091203L11	NA	BA3DC	SE	BA3DC01200949-51	0911223743		11/20/2009 12:00	12/26/2009 8:41	N
	091203L11	NA	BA3DC	SE	BA3DC01200953-55	0911223744		11/20/2009 12:00	12/26/2009 9:04	N
	091203L11	NA	BA3DC	SE	BA3DC01200953-55	0911223744		11/20/2009 12:00	12/26/2009 9:04	N
	091203L11	NA	BA3DC	SE	BA3DC01200957-59	0911223745		11/20/2009 12:00	12/26/2009 9:28	N
	091203L11	NA	BA3DC	SE	BA3DC01200957-59	0911223745		11/20/2009 12:00	12/26/2009 9:28	N
	091203L11	NA	BA3DC	SE	BA3DC01200961-63	0911223746		11/20/2009 12:00	12/26/2009 9:52	N
	091203L11	NA	BA3DC	SE	BA3DC01200961-63	0911223746		11/20/2009 12:00	12/26/2009 9:52	N
	091203L11	NA	BA3DC	SE	BA3DC01200945-47	0911223742		11/20/2009 12:00	12/27/2009 12:17	MS

AUTOMATED DATA REVIEW SUMMARY for 09112237

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S11	091203L11	NA	BA3DC	SE	BA3DC01200945-47	0911223742		11/20/2009 12:00	12/27/2009 12:40	SD

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91205MOID4	NA	NA	BA3DC	SE	BA3DC01200957-59	0911223745		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200961-63	0911223746		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200961-63	0911223746		11/20/2009 12:00	12/05/2009 5:00	LR
91205MOIB4	NA	NA	LABQC	SQ	LABQC	099050141619		12/05/2009 5:00	12/05/2009 5:00	LB
91205MOID4	NA	NA	BA3DC	SE	BA3DC01200953-55	0911223744		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200949-51	0911223743		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200945-47	0911223742		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200941-43	0911223741		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200937-39	0911223740		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200933-35	0911223739		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200929-31	0911223738		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200925-27	0911223737		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200903	091122372		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200901	091122371		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200907	091122374		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200905	091122373		11/20/2009 12:00	12/05/2009 5:00	N

AUTOMATED DATA REVIEW SUMMARY for 09112237

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91205MOID4	NA	NA	BA3DC	SE	BA3DC01200917-19	0911223735		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200921-23	0911223736		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200913-15	0911223734		11/20/2009 12:00	12/05/2009 5:00	N
	NA	NA	BA3DC	SE	BA3DC01200909-11	0911223733		11/20/2009 12:00	12/05/2009 5:00	N

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203L13	091203L13	NA	LABQC	SQ	LABQC	0991301762		12/03/2009 12:00	12/19/2009 2:58	LB
	091203L13	NA	LABQC	SQ	LABQC	0991301762		12/03/2009 12:00	12/19/2009 3:28	BS
	091203L13	NA	LABQC	SQ	LABQC	0991301762		12/03/2009 12:00	12/19/2009 3:58	BD
091203S13	091203L13	NA	BA3DC	SE	BA3DC01200953-55	0911223744		11/20/2009 12:00	12/19/2009 5:31	MS
	091203L13	NA	BA3DC	SE	BA3DC01200953-55	0911223744		11/20/2009 12:00	12/19/2009 6:01	SD
	091203L13	NA	BA3DC	SE	BA3DC01200953-55	0911223744		11/20/2009 12:00	12/19/2009 6:30	N
	091203L13	NA	BA3DC	SE	BA3DC01200953-55	0911223744		11/20/2009 12:00	12/19/2009 6:30	N
	091203L13	NA	BA3DC	SE	BA3DC01200901	091122371		11/20/2009 12:00	12/19/2009 7:02	N
	091203L13	NA	BA3DC	SE	BA3DC01200901	091122371		11/20/2009 12:00	12/19/2009 7:02	N
	091203L13	NA	BA3DC	SE	BA3DC01200905	091122373		11/20/2009 12:00	12/19/2009 8:05	N
	091203L13	NA	BA3DC	SE	BA3DC01200905	091122373		11/20/2009 12:00	12/19/2009 8:05	N
	091203L13	NA	BA3DC	SE	BA3DC01200907	091122374		11/20/2009 12:00	12/19/2009 8:34	N
	091203L13	NA	BA3DC	SE	BA3DC01200907	091122374		11/20/2009 12:00	12/19/2009 8:34	N
	091203L13	NA	BA3DC	SE	BA3DC01200909-11	0911223733		11/20/2009 12:00	12/19/2009 9:04	N
	091203L13	NA	BA3DC	SE	BA3DC01200909-11	0911223733		11/20/2009 12:00	12/19/2009 9:04	N

AUTOMATED DATA REVIEW SUMMARY for 09112237

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S13	091203L13	NA	BA3DC	SE	BA3DC01200921-23	0911223736		11/20/2009 12:00	12/19/2009 10:36	N
	091203L13	NA	BA3DC	SE	BA3DC01200921-23	0911223736		11/20/2009 12:00	12/19/2009 10:36	N
	091203L13	NA	BA3DC	SE	BA3DC01200925-27	0911223737		11/20/2009 12:00	12/19/2009 11:06	N
	091203L13	NA	BA3DC	SE	BA3DC01200925-27	0911223737		11/20/2009 12:00	12/19/2009 11:06	N
	091203L13	NA	BA3DC	SE	BA3DC01200929-31	0911223738		11/20/2009 12:00	12/19/2009 11:34	N
	091203L13	NA	BA3DC	SE	BA3DC01200929-31	0911223738		11/20/2009 12:00	12/19/2009 11:34	N
	091203L13	NA	BA3DC	SE	BA3DC01200937-39	0911223740		11/20/2009 12:00	12/20/2009 12:36	N
	091203L13	NA	BA3DC	SE	BA3DC01200937-39	0911223740		11/20/2009 12:00	12/20/2009 12:36	N
	091203L13	NA	BA3DC	SE	BA3DC01200941-43	0911223741		11/20/2009 12:00	12/20/2009 1:07	N
	091203L13	NA	BA3DC	SE	BA3DC01200941-43	0911223741		11/20/2009 12:00	12/20/2009 1:07	N
	091203L13	NA	BA3DC	SE	BA3DC01200945-47	0911223742		11/20/2009 12:00	12/20/2009 1:37	N
	091203L13	NA	BA3DC	SE	BA3DC01200945-47	0911223742		11/20/2009 12:00	12/20/2009 1:37	N
	091203L13	NA	BA3DC	SE	BA3DC01200949-51	0911223743		11/20/2009 12:00	12/20/2009 2:08	N
	091203L13	NA	BA3DC	SE	BA3DC01200949-51	0911223743		11/20/2009 12:00	12/20/2009 2:08	N
	091203L13	NA	BA3DC	SE	BA3DC01200903	091122372		11/20/2009 12:00	12/20/2009 1:22	N
	091203L13	NA	BA3DC	SE	BA3DC01200903	091122372		11/20/2009 12:00	12/20/2009 1:22	N
	091203L13	NA	BA3DC	SE	BA3DC01200913-15	0911223734		11/20/2009 12:00	12/20/2009 1:53	N
	091203L13	NA	BA3DC	SE	BA3DC01200913-15	0911223734		11/20/2009 12:00	12/20/2009 1:53	N
	091203L13	NA	BA3DC	SE	BA3DC01200917-19	0911223735		11/20/2009 12:00	12/20/2009 2:21	N

AUTOMATED DATA REVIEW SUMMARY for 09112237

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S13	091203L13	NA	BA3DC	SE	BA3DC01200917-19	0911223735		11/20/2009 12:00	12/20/2009 2:21	N
	091203L13	NA	BA3DC	SE	BA3DC01200933-35	0911223739		11/20/2009 12:00	12/20/2009 2:54	N
	091203L13	NA	BA3DC	SE	BA3DC01200933-35	0911223739		11/20/2009 12:00	12/20/2009 2:54	N
	091203L13	NA	BA3DC	SE	BA3DC01200957-59	0911223745		11/20/2009 12:00	12/20/2009 3:25	N
	091203L13	NA	BA3DC	SE	BA3DC01200957-59	0911223745		11/20/2009 12:00	12/20/2009 3:25	N
	091203L13	NA	BA3DC	SE	BA3DC01200961-63	0911223746		11/20/2009 12:00	12/20/2009 3:56	N
	091203L13	NA	BA3DC	SE	BA3DC01200961-63	0911223746		11/20/2009 12:00	12/20/2009 3:56	N

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
100102TOCS	NA	NA	BA3DC	SE	BA3DC01200961-63	0911223746		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200961-63	0911223746		11/20/2009 12:00	01/02/2010 10:10	SD
	NA	NA	BA3DC	SE	BA3DC01200961-63	0911223746		11/20/2009 12:00	01/02/2010 10:10	MS
	NA	NA	BA3DC	SE	BA3DC01200957-59	0911223745		11/20/2009 12:00	01/02/2010 10:10	N
100102TOCL	NA	NA	LABQC	SQ	LABQC	09906013443		01/02/2010 10:10	01/02/2010 10:10	BS
	NA	NA	LABQC	SQ	LABQC	09906013443		01/02/2010 10:10	01/02/2010 10:10	LB
100102TOCS	NA	NA	BA3DC	SE	BA3DC01200933-35	0911223739		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200937-39	0911223740		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200929-31	0911223738		11/20/2009 12:00	01/02/2010 10:10	N

AUTOMATED DATA REVIEW SUMMARY for 09112237

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
100102TOCS	NA	NA	BA3DC	SE	BA3DC01200925-27	0911223737		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200949-51	0911223743		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200953-55	0911223744		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200945-47	0911223742		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200941-43	0911223741		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200917-19	0911223735		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200921-23	0911223736		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200913-15	0911223734		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200909-11	0911223733		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200903	091122372		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200901	091122371		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200907	091122374		11/20/2009 12:00	01/02/2010 10:10	N
	NA	NA	BA3DC	SE	BA3DC01200905	091122373		11/20/2009 12:00	01/02/2010 10:10	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS RPD	BA3DC01200945-47 / SD	1	p,p'-DDT	49.4	RPD	J/UJ	< 30	< 60	D2	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3DC01200901	N	o,p'-DDD	8.3	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200941-43	N	o,p'-DDD	7.3	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200945-47	N	p,p'-DDD	7.1	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200945-47	N	p,p'-DDT	7.1	7.1 U	7.1 UJ	ug/kg	D2
BNASIM/NONE	SE	BA3DC01200949-51	N	p,p'-DDD	7.0	4.6 J	4.6 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200953-55	N	1,1-bis(p-chlorophenyl)ethane	6.8	5.6 J	5.6 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200957-59	N	o,p'-DDE	6.9	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200957-59	N	1,1-bis(p-chlorophenyl)ethane	6.9	6.1 J	6.1 J	ug/kg	TR
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
PCBSIM/NONE	SE	BA3DC01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200901	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	5.3 J	5.3 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3DC01200905	N	PCB-138/158	7.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,2',5-TRICHLOROBIPHENYL	7.3	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	PCB-138/158	7.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	2.3 J	2.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	6.4 J	6.4 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200913-15	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	PCB-138/158	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200921-23	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	PCB-138/158	7.3	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.9 J	5.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,4,4'-TRICHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,4,4'-TRICHLOROBIPHENYL	7.6	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	PCB-138/158	7.5	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200941-43	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3DC01200901	N	o,p'-DDD	8.3	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200901	N	p,p'-DDD	8.3	15.0	15.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200901	N	o,p'-DDE	8.3	37.0	37.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200901	N	p,p'-DDE	8.3	200	200	ug/kg	
BNASIM/NONE	SE	BA3DC01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	120	120	ug/kg	
BNASIM/NONE	SE	BA3DC01200901	N	1,1-bis(p-chlorophenyl)ethane	8.3	19.0	19.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200903	N	o,p'-DDD	7.6	9.0	9.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200903	N	p,p'-DDD	7.6	25.0	25.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200903	N	o,p'-DDE	7.6	81.0	81.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200903	N	p,p'-DDE	7.6	430	430	ug/kg	
BNASIM/NONE	SE	BA3DC01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	260	260	ug/kg	
BNASIM/NONE	SE	BA3DC01200903	N	1,1-bis(p-chlorophenyl)ethane	7.6	39.0	39.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200905	N	o,p'-DDD	7.3	28.0	28.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200905	N	p,p'-DDD	7.3	76.0	76.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200905	N	o,p'-DDE	7.3	91.0	91.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200905	N	p,p'-DDE	7.3	530	530	ug/kg	
BNASIM/NONE	SE	BA3DC01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	200	200	ug/kg	
BNASIM/NONE	SE	BA3DC01200905	N	1,1-bis(p-chlorophenyl)ethane	7.3	38.0	38.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200907	N	o,p'-DDD	7.3	8.9	8.9	ug/kg	
BNASIM/NONE	SE	BA3DC01200907	N	p,p'-DDD	7.3	22.0	22.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200907	N	o,p'-DDE	7.3	58.0	58.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200907	N	p,p'-DDE	7.3	310	310	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3DC01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	170	170	ug/kg	
BNASIM/NONE	SE	BA3DC01200907	N	1,1-bis(p-chlorophenyl)ethane	7.3	27.0	27.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200909-11	N	o,p'-DDD	7.3	10.0	10.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200909-11	N	p,p'-DDD	7.3	26.0	26.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200909-11	N	o,p'-DDE	7.3	83.0	83.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200909-11	N	p,p'-DDE	7.3	450	450	ug/kg	
BNASIM/NONE	SE	BA3DC01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	260	260	ug/kg	
BNASIM/NONE	SE	BA3DC01200909-11	N	1,1-bis(p-chlorophenyl)ethane	7.3	38.0	38.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200913-15	N	o,p'-DDD	7.4	7.7	7.7	ug/kg	
BNASIM/NONE	SE	BA3DC01200913-15	N	p,p'-DDD	7.4	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200913-15	N	o,p'-DDE	7.4	51.0	51.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200913-15	N	p,p'-DDE	7.4	280	280	ug/kg	
BNASIM/NONE	SE	BA3DC01200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	160	160	ug/kg	
BNASIM/NONE	SE	BA3DC01200913-15	N	1,1-bis(p-chlorophenyl)ethane	7.4	26.0	26.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200917-19	N	o,p'-DDD	7.3	11.0	11.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200917-19	N	p,p'-DDD	7.3	27.0	27.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200917-19	N	o,p'-DDE	7.3	75.0	75.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200917-19	N	p,p'-DDE	7.3	390	390	ug/kg	
BNASIM/NONE	SE	BA3DC01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	240	240	ug/kg	
BNASIM/NONE	SE	BA3DC01200917-19	N	1,1-bis(p-chlorophenyl)ethane	7.3	40.0	40.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200921-23	N	o,p'-DDD	7.3	9.8	9.8	ug/kg	
BNASIM/NONE	SE	BA3DC01200921-23	N	p,p'-DDD	7.3	27.0	27.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3DC01200921-23	N	o,p'-DDE	7.3	74.0	74.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200921-23	N	p,p'-DDE	7.3	390	390	ug/kg	
BNASIM/NONE	SE	BA3DC01200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	230	230	ug/kg	
BNASIM/NONE	SE	BA3DC01200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.3	36.0	36.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200925-27	N	o,p'-DDD	7.3	8.4	8.4	ug/kg	
BNASIM/NONE	SE	BA3DC01200925-27	N	p,p'-DDD	7.3	21.0	21.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200925-27	N	o,p'-DDE	7.3	62.0	62.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200925-27	N	p,p'-DDE	7.3	310	310	ug/kg	
BNASIM/NONE	SE	BA3DC01200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	220	220	ug/kg	
BNASIM/NONE	SE	BA3DC01200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.3	39.0	39.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200929-31	N	o,p'-DDD	7.6	12.0	12.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200929-31	N	p,p'-DDD	7.6	27.0	27.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200929-31	N	o,p'-DDE	7.6	100	100	ug/kg	
BNASIM/NONE	SE	BA3DC01200929-31	N	p,p'-DDE	7.6	430	430	ug/kg	
BNASIM/NONE	SE	BA3DC01200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	440	440	ug/kg	
BNASIM/NONE	SE	BA3DC01200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.6	72.0	72.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200933-35	N	o,p'-DDD	7.5	11.0	11.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200933-35	N	p,p'-DDD	7.5	29.0	29.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200933-35	N	o,p'-DDE	7.5	120	120	ug/kg	
BNASIM/NONE	SE	BA3DC01200933-35	N	p,p'-DDE	7.5	430	430	ug/kg	
BNASIM/NONE	SE	BA3DC01200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	710	710	ug/kg	
BNASIM/NONE	SE	BA3DC01200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.5	130	130	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3DC01200937-39	N	o,p'-DDD	7.5	8.5	8.5	ug/kg	
BNASIM/NONE	SE	BA3DC01200937-39	N	p,p'-DDD	7.5	21.0	21.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200937-39	N	o,p'-DDE	7.5	80.0	80.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200937-39	N	p,p'-DDE	7.5	300	300	ug/kg	
BNASIM/NONE	SE	BA3DC01200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	430	430	ug/kg	
BNASIM/NONE	SE	BA3DC01200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.5	83.0	83.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200941-43	N	o,p'-DDD	7.3	5.5 J	5.5 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200941-43	N	p,p'-DDD	7.3	13.0	13.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200941-43	N	o,p'-DDE	7.3	47.0	47.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200941-43	N	p,p'-DDE	7.3	170	170	ug/kg	
BNASIM/NONE	SE	BA3DC01200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	270	270	ug/kg	
BNASIM/NONE	SE	BA3DC01200941-43	N	1,1-bis(p-chlorophenyl)ethane	7.3	58.0	58.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200945-47	N	p,p'-DDD	7.1	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200945-47	N	o,p'-DDE	7.1	26.0	26.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200945-47	N	p,p'-DDE	7.1	93.0	93.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	150	150	ug/kg	
BNASIM/NONE	SE	BA3DC01200945-47	N	1,1-bis(p-chlorophenyl)ethane	7.1	29.0	29.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200949-51	N	p,p'-DDD	7.0	4.6 J	4.6 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200949-51	N	o,p'-DDE	7.0	20.0	20.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200949-51	N	p,p'-DDE	7.0	73.0	73.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	110	110	ug/kg	
BNASIM/NONE	SE	BA3DC01200949-51	N	1,1-bis(p-chlorophenyl)ethane	7.0	22.0	22.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA3DC01200953-55	N	o,p'-DDE	6.8	7.1	7.1	ug/kg	
BNASIM/NONE	SE	BA3DC01200953-55	N	p,p'-DDE	6.8	29.0	29.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	34.0	34.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200953-55	N	1,1-bis(p-chlorophenyl)ethane	6.8	5.6 J	5.6 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200957-59	N	o,p'-DDE	6.9	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200957-59	N	p,p'-DDE	6.9	23.0	23.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	27.0	27.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200957-59	N	1,1-bis(p-chlorophenyl)ethane	6.9	6.1 J	6.1 J	ug/kg	TR
BNASIM/NONE	SE	BA3DC01200961-63	N	o,p'-DDE	6.8	7.4	7.4	ug/kg	
BNASIM/NONE	SE	BA3DC01200961-63	N	p,p'-DDE	6.8	35.0	35.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200961-63	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	33.0	33.0	ug/kg	
BNASIM/NONE	SE	BA3DC01200961-63	N	1,1-bis(p-chlorophenyl)ethane	6.8	7.1	7.1	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3DC01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200901	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.6	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	7.9	7.9	ug/kg	
PCBSIM/NONE	SE	BA3DC01200903	N	PCB-138/158	7.6	7.8	7.8	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.6	7.8	7.8	ug/kg	
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	PCB-138/158	7.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,2',5-TRICHLOROBIPHENYL	7.3	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200905	N	2,4,4'-TRICHLOROBIPHENYL	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	PCB-138/158	7.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3DC01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	2.3 J	2.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	PCB-138/158	7.3	7.7	7.7	ug/kg	
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200913-15	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.4	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.4	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	PCB-138/158	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200921-23	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	PCB-138/158	7.3	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200925-27	N	2,4,4'-TRICHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.6	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	BA3DC01200929-31	N	PCB-138/158	7.6	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.6	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.6	7.8	7.8	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200929-31	N	2,4,4'-TRICHLOROBIPHENYL	7.6	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200933-35	N	PCB-138/158	7.5	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	BA3DC01200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	PCB-138/158	7.5	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	7.6	7.6	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200941-43	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA3DC01200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA3DC01200901	N	Moisture	0.10	39.5	39.5	PERCENT	
D2216/NONE	SE	BA3DC01200903	N	Moisture	0.10	34.5	34.5	PERCENT	
D2216/NONE	SE	BA3DC01200905	N	Moisture	0.10	31.8	31.8	PERCENT	
D2216/NONE	SE	BA3DC01200907	N	Moisture	0.10	31.5	31.5	PERCENT	
D2216/NONE	SE	BA3DC01200909-11	N	Moisture	0.10	31.5	31.5	PERCENT	
D2216/NONE	SE	BA3DC01200913-15	N	Moisture	0.10	32.2	32.2	PERCENT	
D2216/NONE	SE	BA3DC01200917-19	N	Moisture	0.10	31.2	31.2	PERCENT	
D2216/NONE	SE	BA3DC01200921-23	N	Moisture	0.10	31.4	31.4	PERCENT	
D2216/NONE	SE	BA3DC01200925-27	N	Moisture	0.10	31.1	31.1	PERCENT	
D2216/NONE	SE	BA3DC01200929-31	N	Moisture	0.10	33.9	33.9	PERCENT	
D2216/NONE	SE	BA3DC01200933-35	N	Moisture	0.10	33.7	33.7	PERCENT	
D2216/NONE	SE	BA3DC01200937-39	N	Moisture	0.10	32.9	32.9	PERCENT	
D2216/NONE	SE	BA3DC01200941-43	N	Moisture	0.10	31.6	31.6	PERCENT	
D2216/NONE	SE	BA3DC01200945-47	N	Moisture	0.10	29.3	29.3	PERCENT	
D2216/NONE	SE	BA3DC01200949-51	N	Moisture	0.10	28.2	28.2	PERCENT	
D2216/NONE	SE	BA3DC01200953-55	N	Moisture	0.10	26.5	26.5	PERCENT	
D2216/NONE	SE	BA3DC01200957-59	N	Moisture	0.10	27.2	27.2	PERCENT	
D2216/NONE	SE	BA3DC01200961-63	N	Moisture	0.10	26.7	26.7	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA3DC01200901	N	Total Organic Carbon	0.083	2.0	2.0	PERCENT	
SW9060/NONE	SE	BA3DC01200903	N	Total Organic Carbon	0.076	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA3DC01200905	N	Total Organic Carbon	0.073	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA3DC01200907	N	Total Organic Carbon	0.073	1.4	1.4	PERCENT	
SW9060/NONE	SE	BA3DC01200909-11	N	Total Organic Carbon	0.073	1.5	1.5	PERCENT	
SW9060/NONE	SE	BA3DC01200913-15	N	Total Organic Carbon	0.074	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA3DC01200917-19	N	Total Organic Carbon	0.073	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA3DC01200921-23	N	Total Organic Carbon	0.073	2.7	2.7	PERCENT	
SW9060/NONE	SE	BA3DC01200925-27	N	Total Organic Carbon	0.073	1.6	1.6	PERCENT	
SW9060/NONE	SE	BA3DC01200929-31	N	Total Organic Carbon	0.076	1.8	1.8	PERCENT	
SW9060/NONE	SE	BA3DC01200933-35	N	Total Organic Carbon	0.075	1.8	1.8	PERCENT	
SW9060/NONE	SE	BA3DC01200937-39	N	Total Organic Carbon	0.075	1.5	1.5	PERCENT	
SW9060/NONE	SE	BA3DC01200941-43	N	Total Organic Carbon	0.073	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA3DC01200945-47	N	Total Organic Carbon	0.071	1.2	1.2	PERCENT	
SW9060/NONE	SE	BA3DC01200949-51	N	Total Organic Carbon	0.070	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA3DC01200953-55	N	Total Organic Carbon	0.068	1.6	1.6	PERCENT	
SW9060/NONE	SE	BA3DC01200957-59	N	Total Organic Carbon	0.069	1.4	1.4	PERCENT	
SW9060/NONE	SE	BA3DC01200961-63	N	Total Organic Carbon	0.068	1.2	1.2	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09112238

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

There were no data verification findings associated with this sample delivery group that require discussion beyond that summarized in the attached reports.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09112238

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09112238, Certified - 1/26/2010M by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Leticia Sangalang
Data Reviewer Title:	Senior Scientist
Date of Review Report:	08-Feb-2010

Samples Included in SDG 09112238

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	15	0
D2216/NONE	15	0
PCBSIM/NONE	15	0
SW9060/NONE	15	0

AUTOMATED DATA REVIEW SUMMARY for 09112238

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09112238. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

Prep Hold Time

MS Recovery

BS RPD

LCS Recovery

Blank

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Calibration Blank - Negative

Confirmation Column Difference

Field Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Calibration Blank

Equip Blank

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09112238

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.53% (4 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

08-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09112238

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203L12	091203L12	NA	LABQC	SQ	LABQC	0991301330		12/03/2009 12:00	12/23/2009 10:31	LB
	091203L12	NA	LABQC	SQ	LABQC	0991301330		12/03/2009 12:00	12/23/2009 10:55	BS
	091203L12	NA	LABQC	SQ	LABQC	0991301330		12/03/2009 12:00	12/23/2009 11:18	BD
091203S12	091203L12	NA	BA4B	SE	BA4B01200901	091122381		11/20/2009 12:00	12/26/2009 10:15	N
	091203L12	NA	BA4B	SE	BA4B01200901	091122381		11/20/2009 12:00	12/26/2009 10:15	N
	091203L12	NA	BA4B	SE	BA4B01200903	091122382		11/20/2009 12:00	12/26/2009 10:39	N
	091203L12	NA	BA4B	SE	BA4B01200903	091122382		11/20/2009 12:00	12/26/2009 10:39	N
	091203L12	NA	BA4B	SE	BA4B01200905	091122383		11/20/2009 12:00	12/26/2009 11:02	N
	091203L12	NA	BA4B	SE	BA4B01200905	091122383		11/20/2009 12:00	12/26/2009 11:02	N
	091203L12	NA	BA4B	SE	BA4B01200907	091122384		11/20/2009 12:00	12/26/2009 11:26	N
	091203L12	NA	BA4B	SE	BA4B01200907	091122384		11/20/2009 12:00	12/26/2009 11:26	N
	091203L12	NA	BA4B	SE	BA4B01200909-11	0911223827		11/20/2009 12:00	12/26/2009 11:49	N
	091203L12	NA	BA4B	SE	BA4B01200909-11	0911223827		11/20/2009 12:00	12/26/2009 11:49	N
	091203L12	NA	BA4B	SE	BA4B01200913-15	0911223828		11/20/2009 12:00	12/27/2009 12:13	N
	091203L12	NA	BA4B	SE	BA4B01200913-15	0911223828		11/20/2009 12:00	12/27/2009 12:13	N
	091203L12	NA	BA4B	SE	BA4B01200917-19	0911223829		11/20/2009 12:00	12/27/2009 12:36	N
	091203L12	NA	BA4B	SE	BA4B01200917-19	0911223829		11/20/2009 12:00	12/27/2009 12:36	N
	091203L12	NA	BA4B	SE	BA4B01200921-23	0911223830		11/20/2009 12:00	12/27/2009 1:00	N
	091203L12	NA	BA4B	SE	BA4B01200921-23	0911223830		11/20/2009 12:00	12/27/2009 1:00	N
	091203L12	NA	BA4B	SE	BA4B01200925-27	0911223831		11/20/2009 12:00	12/27/2009 1:23	N
	091203L12	NA	BA4B	SE	BA4B01200925-27	0911223831		11/20/2009 12:00	12/27/2009 1:23	N
	091203L12	NA	BA4B	SE	BA4B01200929-31	0911223832		11/20/2009 12:00	12/27/2009 1:47	N
	091203L12	NA	BA4B	SE	BA4B01200929-31	0911223832		11/20/2009 12:00	12/27/2009 1:47	N
	091203L12	NA	BA4B	SE	BA4B01200933-35	0911223833		11/20/2009 12:00	12/27/2009 2:10	N
	091203L12	NA	BA4B	SE	BA4B01200933-35	0911223833		11/20/2009 12:00	12/27/2009 2:10	N
	091203L12	NA	BA4B	SE	BA4B01200937-39	0911223834		11/20/2009 12:00	12/27/2009 2:34	N
	091203L12	NA	BA4B	SE	BA4B01200937-39	0911223834		11/20/2009 12:00	12/27/2009 2:34	N

AUTOMATED DATA REVIEW SUMMARY for 09112238

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S12P	091203L12	NA	BA4B	SE	BA4B01200941-43	0911223835		11/20/2009 12:00	12/27/2009 2:57	N
	091203L12	NA	BA4B	SE	BA4B01200941-43	0911223835		11/20/2009 12:00	12/27/2009 2:57	N
091203S12	091203L12	NA	BA4B	SE	BA4B01200945-47	0911223836		11/20/2009 12:00	12/27/2009 3:20	N
	091203L12	NA	BA4B	SE	BA4B01200945-47	0911223836		11/20/2009 12:00	12/27/2009 3:20	N
	091203L12	NA	BA4B	SE	BA4B01200949-51	0911223837		11/20/2009 12:00	12/27/2009 3:44	N
	091203L12	NA	BA4B	SE	BA4B01200949-51	0911223837		11/20/2009 12:00	12/27/2009 3:44	N
	091203L12	NA	BA4B	SE	BA4B01200903	091122382		11/20/2009 12:00	12/27/2009 1:27	N
	091203L12	NA	BA4B	SE	BA4B01200905	091122383		11/20/2009 12:00	12/27/2009 1:50	N
	091203L12	NA	BA4B	SE	BA4B01200907	091122384		11/20/2009 12:00	12/27/2009 2:14	N
	091203L12	NA	BA4B	SE	BA4B01200909-11	0911223827		11/20/2009 12:00	12/27/2009 2:38	N
	091203L12	NA	BA4B	SE	BA4B01200913-15	0911223828		11/20/2009 12:00	12/27/2009 3:01	N
	091203L12	NA	BA4B	SE	BA4B01200917-19	0911223829		11/20/2009 12:00	12/27/2009 3:24	N
	091203L12	NA	BA4B	SE	BA4B01200921-23	0911223830		11/20/2009 12:00	12/27/2009 6:51	MS
	091203L12	NA	BA4B	SE	BA4B01200921-23	0911223830		11/20/2009 12:00	12/27/2009 7:14	SD

AUTOMATED DATA REVIEW SUMMARY for 09112238

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91205MOID3	NA	NA	BA4B	SE	BA4B01200921-23	0911223830		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200929-31	0911223832		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200925-27	0911223831		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200945-47	0911223836		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200941-43	0911223835		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200937-39	0911223834		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200933-35	0911223833		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200909-11	0911223827		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200917-19	0911223829		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200913-15	0911223828		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200907	091122384		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200905	091122383		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200903	091122382		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200901	091122381		11/20/2009 12:00	12/05/2009 3:00	N
	NA	NA	BA4B	SE	BA4B01200949-51	0911223837		11/20/2009 12:00	12/05/2009 3:00	LR
	NA	NA	BA4B	SE	BA4B01200949-51	0911223837		11/20/2009 12:00	12/05/2009 3:00	N
91205MOIB3	NA	NA	LABQC	SQ	LABQC	099050141618		12/05/2009 3:00	12/05/2009 3:00	LB

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203L14	091203L14	NA	LABQC	SQ	LABQC	0991301765		12/03/2009 12:00	12/20/2009 11:48	LB
	091203L14	NA	LABQC	SQ	LABQC	0991301765		12/03/2009 12:00	12/20/2009 12:21	BS
	091203L14	NA	LABQC	SQ	LABQC	0991301765		12/03/2009 12:00	12/20/2009 12:51	BD
091203S14	091203L14	NA	BA4B	SE	BA4B01200901	091122381		11/20/2009 12:00	12/20/2009 5:23	N
	091203L14	NA	BA4B	SE	BA4B01200901	091122381		11/20/2009 12:00	12/20/2009 5:23	N
	091203L14	NA	BA4B	SE	BA4B01200903	091122382		11/20/2009 12:00	12/20/2009 5:55	N
	091203L14	NA	BA4B	SE	BA4B01200903	091122382		11/20/2009 12:00	12/20/2009 5:55	N

AUTOMATED DATA REVIEW SUMMARY for 09112238

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S14	091203L14	NA	BA4B	SE	BA4B01200905	091122383		11/20/2009 12:00	12/20/2009 6:25	N
	091203L14	NA	BA4B	SE	BA4B01200905	091122383		11/20/2009 12:00	12/20/2009 6:25	N
	091203L14	NA	BA4B	SE	BA4B01200907	091122384		11/20/2009 12:00	12/20/2009 6:56	N
	091203L14	NA	BA4B	SE	BA4B01200907	091122384		11/20/2009 12:00	12/20/2009 6:56	N
	091203L14	NA	BA4B	SE	BA4B01200909-11	0911223827		11/20/2009 12:00	12/20/2009 7:28	N
	091203L14	NA	BA4B	SE	BA4B01200909-11	0911223827		11/20/2009 12:00	12/20/2009 7:28	N
	091203L14	NA	BA4B	SE	BA4B01200913-15	0911223828		11/20/2009 12:00	12/20/2009 7:58	N
	091203L14	NA	BA4B	SE	BA4B01200913-15	0911223828		11/20/2009 12:00	12/20/2009 7:58	N
	091203L14	NA	BA4B	SE	BA4B01200917-19	0911223829		11/20/2009 12:00	12/20/2009 8:29	N
	091203L14	NA	BA4B	SE	BA4B01200917-19	0911223829		11/20/2009 12:00	12/20/2009 8:29	N
	091203L14	NA	BA4B	SE	BA4B01200921-23	0911223830		11/20/2009 12:00	12/20/2009 9:00	N
	091203L14	NA	BA4B	SE	BA4B01200921-23	0911223830		11/20/2009 12:00	12/20/2009 9:00	N
	091203L14	NA	BA4B	SE	BA4B01200925-27	0911223831		11/20/2009 12:00	12/20/2009 9:33	N
	091203L14	NA	BA4B	SE	BA4B01200925-27	0911223831		11/20/2009 12:00	12/20/2009 9:33	N
	091203L14	NA	BA4B	SE	BA4B01200929-31	0911223832		11/20/2009 12:00	12/20/2009 10:02	N
	091203L14	NA	BA4B	SE	BA4B01200929-31	0911223832		11/20/2009 12:00	12/20/2009 10:02	N
	091203L14	NA	BA4B	SE	BA4B01200933-35	0911223833		11/20/2009 12:00	12/20/2009 10:32	N
	091203L14	NA	BA4B	SE	BA4B01200933-35	0911223833		11/20/2009 12:00	12/20/2009 10:32	N
	091203L14	NA	BA4B	SE	BA4B01200937-39	0911223834		11/20/2009 12:00	12/20/2009 11:01	N
	091203L14	NA	BA4B	SE	BA4B01200937-39	0911223834		11/20/2009 12:00	12/20/2009 11:01	N
	091203L14	NA	BA4B	SE	BA4B01200941-43	0911223835		11/20/2009 12:00	12/20/2009 11:31	N
	091203L14	NA	BA4B	SE	BA4B01200941-43	0911223835		11/20/2009 12:00	12/20/2009 11:31	N
	091203L14	NA	BA4B	SE	BA4B01200945-47	0911223836		11/20/2009 12:00	12/21/2009 12:01	N
	091203L14	NA	BA4B	SE	BA4B01200945-47	0911223836		11/20/2009 12:00	12/21/2009 12:01	N
	091203L14	NA	BA4B	SE	BA4B01200949-51	0911223837		11/20/2009 12:00	12/21/2009 12:31	N
	091203L14	NA	BA4B	SE	BA4B01200949-51	0911223837		11/20/2009 12:00	12/21/2009 12:31	N
	091203L14	NA	BA4B	SE	BA4B01200925-27	0911223831		11/20/2009 12:00	12/21/2009 3:48	MS
	091203L14	NA	BA4B	SE	BA4B01200925-27	0911223831		11/20/2009 12:00	12/21/2009 4:17	SD

AUTOMATED DATA REVIEW SUMMARY for 09112238

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
A0104TOCS1	NA	NA	BA4B	SE	BA4B01200949-51	0911223837		11/20/2009 12:00	01/04/2010 4:46	MS
	NA	NA	BA4B	SE	BA4B01200949-51	0911223837		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200949-51	0911223837		11/20/2009 12:00	01/04/2010 4:46	SD
A0104TOCL1	NA	NA	LABQC	SQ	LABQC	09906013445		01/04/2010 4:46	01/04/2010 4:46	BS
	NA	NA	LABQC	SQ	LABQC	09906013445		01/04/2010 4:46	01/04/2010 4:46	LB
A0104TOCS1	NA	NA	BA4B	SE	BA4B01200921-23	0911223830		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200929-31	0911223832		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200925-27	0911223831		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200945-47	0911223836		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200941-43	0911223835		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200937-39	0911223834		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200933-35	0911223833		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200917-19	0911223829		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200913-15	0911223828		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200909-11	0911223827		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200907	091122384		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200905	091122383		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200903	091122382		11/20/2009 12:00	01/04/2010 4:46	N
	NA	NA	BA4B	SE	BA4B01200901	091122381		11/20/2009 12:00	01/04/2010 4:46	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	BA4B01200921-23 / SD	1	o,p'-DDT	20.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4B01200921-23 / SD	1	p,p'-DDD	133	PERCENT	J/None	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4B01200921-23 / SD	1	p,p'-DDE	47.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4B01200921-23 / SD	1	p,p'-DDT	12.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	BA4B01200921-23 / SD	1	o,p'-DDT	115	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	BA4B01200921-23 / SD	1	p,p'-DDT	141	RPD	J/UJ	< 30	< 60	D2	C2
PCBSIM / SW3545	MS Recovery	BA4B01200925-27 / MS	1	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	129	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	BA4B01200925-27 / MS	1	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	127	PERCENT	J/None	50 - 125	10 - 135	M	C2
PCBSIM / SW3545	MS Recovery	BA4B01200925-27 / MS	1	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	126	PERCENT	J/None	50 - 125	10 - 135	M	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4B01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.5	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.5	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,3',4,4',5-PENTACHLOROBIPHENYL	9.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	9.5 J	9.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,2',5-TRICHLOROBIPHENYL	10.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,4,4'-TRICHLOROBIPHENYL	10.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200905	N	2,4'-DICHLOROBIPHENYL	10.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200905	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200905	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	2,4'-DICHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	5.5 J	5.5 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4B01200907	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	2,4'-DICHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	11.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200913-15	N	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200913-15	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200917-19	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.3	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	6.0 J	6.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4B01200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200925-27	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4B01200905	N	o,p'-DDT	10.0	9.9 J	9.9 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200921-23	N	p,p'-DDD	7.5	74.0	74.0 J	ug/kg	M
BNASIM/NONE	SE	BA4B01200921-23	N	p,p'-DDE	7.5	610	610 J	ug/kg	M
BNASIM/NONE	SE	BA4B01200921-23	N	o,p'-DDT	7.5	7.5 U	7.5 UJ	ug/kg	MD2
BNASIM/NONE	SE	BA4B01200921-23	N	p,p'-DDT	7.5	7.5 U	7.5 UJ	ug/kg	MD2
BNASIM/NONE	SE	BA4B01200925-27	N	o,p'-DDD	7.5	7.1 J	7.1 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200929-31	N	o,p'-DDE	7.5	2.8 J	2.8 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.5	3.9 J	3.9 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	5.6 J	5.6 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	2.2 J	2.2 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200941-43	N	p,p'-DDE	7.1	3.3 J	3.3 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	3.9 J	3.9 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200945-47	N	o,p'-DDE	7.0	4.1 J	4.1 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200945-47	N	1,1-bis(p-chlorophenyl)ethane	7.0	3.0 J	3.0 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200949-51	N	o,p'-DDE	7.2	5.2 J	5.2 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200949-51	N	1,1-bis(p-chlorophenyl)ethane	7.2	2.7 J	2.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4B01200901	N	o,p'-DDD	9.5	14.0	14.0	ug/kg	
BNASIM/NONE	SE	BA4B01200901	N	p,p'-DDD	9.5	150	150	ug/kg	
BNASIM/NONE	SE	BA4B01200901	N	o,p'-DDE	9.5	77.0	77.0	ug/kg	
BNASIM/NONE	SE	BA4B01200901	N	p,p'-DDE	9.5	480	480	ug/kg	
BNASIM/NONE	SE	BA4B01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.5	160	160	ug/kg	
BNASIM/NONE	SE	BA4B01200901	N	1,1-bis(p-chlorophenyl)ethane	9.5	22.0	22.0	ug/kg	
BNASIM/NONE	SE	BA4B01200901	N	p,p'-DDT	9.5	11.0	11.0	ug/kg	
BNASIM/NONE	SE	BA4B01200903	N	o,p'-DDD	10.0	44.0	44.0	ug/kg	
BNASIM/NONE	SE	BA4B01200903	N	p,p'-DDD	10.0	140	140	ug/kg	
BNASIM/NONE	SE	BA4B01200903	N	o,p'-DDE	10.0	270	270	ug/kg	
BNASIM/NONE	SE	BA4B01200903	N	p,p'-DDE	50.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	BA4B01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	10.0	580	580	ug/kg	
BNASIM/NONE	SE	BA4B01200903	N	1,1-bis(p-chlorophenyl)ethane	10.0	82.0	82.0	ug/kg	
BNASIM/NONE	SE	BA4B01200905	N	o,p'-DDD	10.0	200	200	ug/kg	
BNASIM/NONE	SE	BA4B01200905	N	p,p'-DDD	10.0	430	430	ug/kg	
BNASIM/NONE	SE	BA4B01200905	N	o,p'-DDE	210	990 D	990	ug/kg	
BNASIM/NONE	SE	BA4B01200905	N	p,p'-DDE	210	5100 D	5100	ug/kg	
BNASIM/NONE	SE	BA4B01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	210	2900 D	2900	ug/kg	
BNASIM/NONE	SE	BA4B01200905	N	1,1-bis(p-chlorophenyl)ethane	10.0	540	540	ug/kg	
BNASIM/NONE	SE	BA4B01200905	N	o,p'-DDT	10.0	9.9 J	9.9 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200907	N	o,p'-DDD	11.0	210	210	ug/kg	
BNASIM/NONE	SE	BA4B01200907	N	p,p'-DDD	11.0	440	440	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4B01200907	N	o,p'-DDE	210	1100 D	1100	ug/kg	
BNASIM/NONE	SE	BA4B01200907	N	p,p'-DDE	210	5800 D	5800	ug/kg	
BNASIM/NONE	SE	BA4B01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	210	3100 D	3100	ug/kg	
BNASIM/NONE	SE	BA4B01200907	N	1,1-bis(p-chlorophenyl)ethane	11.0	680	680	ug/kg	
BNASIM/NONE	SE	BA4B01200907	N	o,p'-DDT	11.0	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA4B01200909-11	N	o,p'-DDD	11.0	190	190	ug/kg	
BNASIM/NONE	SE	BA4B01200909-11	N	p,p'-DDD	11.0	420	420	ug/kg	
BNASIM/NONE	SE	BA4B01200909-11	N	o,p'-DDE	110	1100 D	1100	ug/kg	
BNASIM/NONE	SE	BA4B01200909-11	N	p,p'-DDE	110	5500 D	5500	ug/kg	
BNASIM/NONE	SE	BA4B01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	110	3300 D	3300	ug/kg	
BNASIM/NONE	SE	BA4B01200909-11	N	1,1-bis(p-chlorophenyl)ethane	11.0	680	680	ug/kg	
BNASIM/NONE	SE	BA4B01200909-11	N	o,p'-DDT	11.0	25.0	25.0	ug/kg	
BNASIM/NONE	SE	BA4B01200913-15	N	o,p'-DDD	10.0	480	480	ug/kg	
BNASIM/NONE	SE	BA4B01200913-15	N	p,p'-DDD	520	1200 D	1200	ug/kg	
BNASIM/NONE	SE	BA4B01200913-15	N	o,p'-DDE	520	2500 D	2500	ug/kg	
BNASIM/NONE	SE	BA4B01200913-15	N	p,p'-DDE	520	9200 D	9200	ug/kg	
BNASIM/NONE	SE	BA4B01200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	520	12000 D	12000	ug/kg	
BNASIM/NONE	SE	BA4B01200913-15	N	1,1-bis(p-chlorophenyl)ethane	520	1200 D	1200	ug/kg	
BNASIM/NONE	SE	BA4B01200913-15	N	o,p'-DDT	10.0	24.0	24.0	ug/kg	
BNASIM/NONE	SE	BA4B01200917-19	N	o,p'-DDD	8.3	290	290	ug/kg	
BNASIM/NONE	SE	BA4B01200917-19	N	p,p'-DDD	8.3	720	720	ug/kg	
BNASIM/NONE	SE	BA4B01200917-19	N	o,p'-DDE	410	1400 D	1400	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4B01200917-19	N	p,p'-DDE	410	4900 D	4900	ug/kg	
BNASIM/NONE	SE	BA4B01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	410	7100 D	7100	ug/kg	
BNASIM/NONE	SE	BA4B01200917-19	N	1,1-bis(p-chlorophenyl)ethane	410	760 D	760	ug/kg	
BNASIM/NONE	SE	BA4B01200917-19	N	o,p'-DDT	8.3	28.0	28.0	ug/kg	
BNASIM/NONE	SE	BA4B01200921-23	N	o,p'-DDD	7.5	30.0	30.0	ug/kg	
BNASIM/NONE	SE	BA4B01200921-23	N	p,p'-DDD	7.5	74.0	74.0 J	ug/kg	M
BNASIM/NONE	SE	BA4B01200921-23	N	o,p'-DDE	7.5	120	120	ug/kg	
BNASIM/NONE	SE	BA4B01200921-23	N	p,p'-DDE	7.5	610	610 J	ug/kg	M
BNASIM/NONE	SE	BA4B01200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	410	410	ug/kg	
BNASIM/NONE	SE	BA4B01200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.5	100	100	ug/kg	
BNASIM/NONE	SE	BA4B01200925-27	N	o,p'-DDD	7.5	7.1 J	7.1 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200925-27	N	p,p'-DDD	7.5	19.0	19.0	ug/kg	
BNASIM/NONE	SE	BA4B01200925-27	N	o,p'-DDE	7.5	54.0	54.0	ug/kg	
BNASIM/NONE	SE	BA4B01200925-27	N	p,p'-DDE	7.5	230	230	ug/kg	
BNASIM/NONE	SE	BA4B01200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	270	270	ug/kg	
BNASIM/NONE	SE	BA4B01200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.5	48.0	48.0	ug/kg	
BNASIM/NONE	SE	BA4B01200929-31	N	p,p'-DDD	7.5	9.8	9.8	ug/kg	
BNASIM/NONE	SE	BA4B01200929-31	N	o,p'-DDE	7.5	2.8 J	2.8 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200929-31	N	p,p'-DDE	7.5	20.0	20.0	ug/kg	
BNASIM/NONE	SE	BA4B01200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	11.0	11.0	ug/kg	
BNASIM/NONE	SE	BA4B01200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.5	3.9 J	3.9 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200933-35	N	p,p'-DDE	7.7	9.7	9.7	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4B01200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	5.6 J	5.6 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	2.2 J	2.2 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200941-43	N	p,p'-DDE	7.1	3.3 J	3.3 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	3.9 J	3.9 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200945-47	N	o,p'-DDE	7.0	4.1 J	4.1 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200945-47	N	p,p'-DDE	7.0	12.0	12.0	ug/kg	
BNASIM/NONE	SE	BA4B01200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	24.0	24.0	ug/kg	
BNASIM/NONE	SE	BA4B01200945-47	N	1,1-bis(p-chlorophenyl)ethane	7.0	3.0 J	3.0 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200949-51	N	o,p'-DDE	7.2	5.2 J	5.2 J	ug/kg	TR
BNASIM/NONE	SE	BA4B01200949-51	N	p,p'-DDE	7.2	21.0	21.0	ug/kg	
BNASIM/NONE	SE	BA4B01200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	28.0	28.0	ug/kg	
BNASIM/NONE	SE	BA4B01200949-51	N	1,1-bis(p-chlorophenyl)ethane	7.2	2.7 J	2.7 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4B01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.5	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.5	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,3',4,4',5-PENTACHLOROBIPHENYL	9.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	3.6 J	3.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4B01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	9.5 J	9.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200903	N	PCB-138/158	10.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	10.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200903	N	2,2',5-TRICHLOROBIPHENYL	10.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200903	N	2,4,4'-TRICHLOROBIPHENYL	10.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200905	N	2,4'-DICHLOROBIPHENYL	10.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	88.0	88.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4B01200905	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	10.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	10.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200905	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	PCB-138/158	10.0	97.0	97.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	110	110	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	57.0	57.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,3',4,4',5-PENTACHLOROBIPHENYL	10.0	89.0	89.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	66.0	66.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	71.0	71.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	87.0	87.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,2',5-TRICHLOROBIPHENYL	10.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200905	N	2,4,4'-TRICHLOROBIPHENYL	10.0	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,4'-DICHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	4.0 J	4.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4B01200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	96.0	96.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	11.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	11.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	11.0	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	PCB-138/158	11.0	100	100	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	130	130	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	65.0	65.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,3',4,4',5-PENTACHLOROBIPHENYL	11.0	110	110	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	8.8 J	8.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	78.0	78.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	89.0	89.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	100	100	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200907	N	2,2',5-TRICHLOROBIPHENYL	11.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200907	N	2,4,4'-TRICHLOROBIPHENYL	11.0	41.0	41.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,4'-DICHLOROBIPHENYL	11.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	11.0	9.6 J	9.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	21.0	21.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	89.0	89.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	11.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	11.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	PCB-138/158	11.0	94.0	94.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	120	120	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	61.0	61.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,3',4,4',5-PENTACHLOROBIPHENYL	11.0	100	100	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	79.0	79.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	86.0	86.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	100	100	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,2',5-TRICHLOROBIPHENYL	11.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200909-11	N	2,4,4'-TRICHLOROBIPHENYL	11.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,4'-DICHLOROBIPHENYL	10.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	41.0	41.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4B01200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	74.0	74.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	44.0	44.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	170	170	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	10.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	10.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	9.3 J	9.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	PCB-138/158	10.0	180	180	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	270	270	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	110	110	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,3',4,4',5-PENTACHLOROBIPHENYL	10.0	170	170	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	150	150	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	160	160	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	200	200	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	3,4,4',5-TETRACHLOROBIPHENYL	10.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,2',5-TRICHLOROBIPHENYL	10.0	50.0	50.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200913-15	N	2,4,4'-TRICHLOROBIPHENYL	10.0	64.0	64.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4B01200917-19	N	2,4'-DICHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.3	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	50.0	50.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	99.0	99.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.3	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.3	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	PCB-138/158	8.3	100	100	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	170	170	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	59.0	59.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	110	110	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	86.0	86.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	88.0	88.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	110	110	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4B01200917-19	N	2,2',5-TRICHLOROBIPHENYL	8.3	31.0	31.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200917-19	N	2,4,4'-TRICHLOROBIPHENYL	8.3	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	BA4B01200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	BA4B01200921-23	N	PCB-138/158	7.5	7.8	7.8	ug/kg	
PCBSIM/NONE	SE	BA4B01200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	BA4B01200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200925-27	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4B01200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA4B01200901	N	Moisture	0.10	47.5	47.5	PERCENT	
D2216/NONE	SE	BA4B01200903	N	Moisture	0.10	50.2	50.2	PERCENT	
D2216/NONE	SE	BA4B01200905	N	Moisture	0.10	51.9	51.9	PERCENT	
D2216/NONE	SE	BA4B01200907	N	Moisture	0.10	53.1	53.1	PERCENT	
D2216/NONE	SE	BA4B01200909-11	N	Moisture	0.10	53.8	53.8	PERCENT	
D2216/NONE	SE	BA4B01200913-15	N	Moisture	0.10	51.8	51.8	PERCENT	
D2216/NONE	SE	BA4B01200917-19	N	Moisture	0.10	39.4	39.4	PERCENT	
D2216/NONE	SE	BA4B01200921-23	N	Moisture	0.10	33.0	33.0	PERCENT	
D2216/NONE	SE	BA4B01200925-27	N	Moisture	0.10	32.9	32.9	PERCENT	
D2216/NONE	SE	BA4B01200929-31	N	Moisture	0.10	33.2	33.2	PERCENT	
D2216/NONE	SE	BA4B01200933-35	N	Moisture	0.10	34.9	34.9	PERCENT	
D2216/NONE	SE	BA4B01200937-39	N	Moisture	0.10	31.7	31.7	PERCENT	
D2216/NONE	SE	BA4B01200941-43	N	Moisture	0.10	29.2	29.2	PERCENT	
D2216/NONE	SE	BA4B01200945-47	N	Moisture	0.10	28.7	28.7	PERCENT	
D2216/NONE	SE	BA4B01200949-51	N	Moisture	0.10	30.1	30.1	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA4B01200901	N	Total Organic Carbon	0.095	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA4B01200903	N	Total Organic Carbon	0.10	3.2	3.2	PERCENT	
SW9060/NONE	SE	BA4B01200905	N	Total Organic Carbon	0.10	4.4	4.4	PERCENT	
SW9060/NONE	SE	BA4B01200907	N	Total Organic Carbon	0.11	5.5	5.5	PERCENT	
SW9060/NONE	SE	BA4B01200909-11	N	Total Organic Carbon	0.11	6.4	6.4	PERCENT	
SW9060/NONE	SE	BA4B01200913-15	N	Total Organic Carbon	0.10	5.3	5.3	PERCENT	
SW9060/NONE	SE	BA4B01200917-19	N	Total Organic Carbon	0.083	2.9	2.9	PERCENT	
SW9060/NONE	SE	BA4B01200921-23	N	Total Organic Carbon	0.075	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA4B01200925-27	N	Total Organic Carbon	0.075	1.4	1.4	PERCENT	
SW9060/NONE	SE	BA4B01200929-31	N	Total Organic Carbon	0.075	1.3	1.3	PERCENT	
SW9060/NONE	SE	BA4B01200933-35	N	Total Organic Carbon	0.077	1.9	1.9	PERCENT	
SW9060/NONE	SE	BA4B01200937-39	N	Total Organic Carbon	0.073	0.63	0.63	PERCENT	
SW9060/NONE	SE	BA4B01200941-43	N	Total Organic Carbon	0.071	1.5	1.5	PERCENT	
SW9060/NONE	SE	BA4B01200945-47	N	Total Organic Carbon	0.070	1.3	1.3	PERCENT	
SW9060/NONE	SE	BA4B01200949-51	N	Total Organic Carbon	0.072	1.3	1.3	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09112239

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

There were no data verification findings associated with this sample delivery group that require discussion beyond that summarized in the attached reports.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09112239

Facility: EPA, Region 9

Event: PV Shelf - Sediment

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09112239, Certified - 1/29/2010AM by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Leticia Sangalang

Data Reviewer Title: Senior Scientist

Date of Review Report: 08-Feb-2010

Samples Included in SDG 09112239

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	20	0
D2216/NONE	20	0
PCBSIM/NONE	20	0
SW9060/NONE	20	0

AUTOMATED DATA REVIEW SUMMARY for 09112239

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09112239. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

BS RPD

LCS Recovery

Prep Hold Time

MS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09112239

Confirmation Column Difference

Field Blank

Calibration Blank - Negative

Calibration Blank

Equip Blank

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Negative Blank

AUTOMATED DATA REVIEW SUMMARY for 09112239

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.42% (4 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

08-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09112239

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203L16	091203L16	NA	LABQC	SQ	LABQC	0991301332		12/03/2009 12:00	12/27/2009 4:30	LB
	091203L16	NA	LABQC	SQ	LABQC	0991301332		12/03/2009 12:00	12/27/2009 4:53	BS
	091203L16	NA	LABQC	SQ	LABQC	0991301332		12/03/2009 12:00	12/27/2009 5:17	BD
091203S16	091203L16	NA	BA4C	SE	BA4C01200901	091122391		11/20/2009 12:00	12/27/2009 7:38	N
	091203L16	NA	BA4C	SE	BA4C01200901	091122391		11/20/2009 12:00	12/27/2009 7:38	N
	091203L16	NA	BA4C	SE	BA4C01200903	091122392		11/20/2009 12:00	12/27/2009 8:01	N
	091203L16	NA	BA4C	SE	BA4C01200903	091122392		11/20/2009 12:00	12/27/2009 8:01	N
	091203L16	NA	BA4C	SE	BA4C01200905	091122393		11/20/2009 12:00	12/27/2009 8:25	N
	091203L16	NA	BA4C	SE	BA4C01200905	091122393		11/20/2009 12:00	12/27/2009 8:25	N
	091203L16	NA	BA4C	SE	BA4C01200907	091122394		11/20/2009 12:00	12/27/2009 8:48	N
	091203L16	NA	BA4C	SE	BA4C01200907	091122394		11/20/2009 12:00	12/27/2009 8:48	N
	091203L16	NA	BA4C	SE	BA4C01200909-11	0911223937		11/20/2009 12:00	12/27/2009 9:12	N
	091203L16	NA	BA4C	SE	BA4C01200909-11	0911223937		11/20/2009 12:00	12/27/2009 9:12	N
	091203L16	NA	BA4C	SE	BA4C01200913-15	0911223938		11/20/2009 12:00	12/27/2009 9:35	N
	091203L16	NA	BA4C	SE	BA4C01200913-15	0911223938		11/20/2009 12:00	12/27/2009 9:35	N
	091203L16	NA	BA4C	SE	BA4C01200917-19	0911223939		11/20/2009 12:00	12/27/2009 9:59	N
	091203L16	NA	BA4C	SE	BA4C01200917-19	0911223939		11/20/2009 12:00	12/27/2009 9:59	N
	091203L16	NA	BA4C	SE	BA4C01200921-23	0911223940		11/20/2009 12:00	12/27/2009 10:22	N
	091203L16	NA	BA4C	SE	BA4C01200921-23	0911223940		11/20/2009 12:00	12/27/2009 10:22	N
	091203L16	NA	BA4C	SE	BA4C01200925-27	0911223941		11/20/2009 12:00	12/27/2009 10:46	N
	091203L16	NA	BA4C	SE	BA4C01200925-27	0911223941		11/20/2009 12:00	12/27/2009 10:46	N

AUTOMATED DATA REVIEW SUMMARY for 09112239

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S16	091203L16	NA	BA4C	SE	BA4C01200929-31	0911223942		11/20/2009 12:00	12/27/2009 11:09	N
	091203L16	NA	BA4C	SE	BA4C01200929-31	0911223942		11/20/2009 12:00	12/27/2009 11:09	N
	091203L16	NA	BA4C	SE	BA4C01200933-35	0911223943		11/20/2009 12:00	12/27/2009 11:33	N
	091203L16	NA	BA4C	SE	BA4C01200933-35	0911223943		11/20/2009 12:00	12/27/2009 11:33	N
	091203L16	NA	BA4C	SE	BA4C01200937-39	0911223944		11/20/2009 12:00	12/27/2009 11:56	N
	091203L16	NA	BA4C	SE	BA4C01200937-39	0911223944		11/20/2009 12:00	12/27/2009 11:56	N
	091203L16	NA	BA4C	SE	BA4C01200941-43	0911223945		11/20/2009 12:00	12/28/2009 12:20	N
	091203L16	NA	BA4C	SE	BA4C01200941-43	0911223945		11/20/2009 12:00	12/28/2009 12:20	N
	091203L16	NA	BA4C	SE	BA4C01200945-47	0911223946		11/20/2009 12:00	12/28/2009 12:43	N
	091203L16	NA	BA4C	SE	BA4C01200945-47	0911223946		11/20/2009 12:00	12/28/2009 12:43	N
	091203L16	NA	BA4C	SE	BA4C01200949-51	0911223947		11/20/2009 12:00	12/28/2009 1:07	N
	091203L16	NA	BA4C	SE	BA4C01200949-51	0911223947		11/20/2009 12:00	12/28/2009 1:07	N
	091203L16	NA	BA4C	SE	BA4C01200953-55	0911223948		11/20/2009 12:00	12/28/2009 1:30	N
	091203L16	NA	BA4C	SE	BA4C01200953-55	0911223948		11/20/2009 12:00	12/28/2009 1:30	N
	091203L16	NA	BA4C	SE	BA4C01200957-59	0911223949		11/20/2009 12:00	12/28/2009 1:54	N
	091203L16	NA	BA4C	SE	BA4C01200957-59	0911223949		11/20/2009 12:00	12/28/2009 1:54	N
091203S16P	091203L16	NA	BA4C	SE	BA4C01200961-63	0911223950		11/20/2009 12:00	12/28/2009 2:17	N
	091203L16	NA	BA4C	SE	BA4C01200961-63	0911223950		11/20/2009 12:00	12/28/2009 2:17	N

AUTOMATED DATA REVIEW SUMMARY for 09112239

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S16	091203L16	NA	BA4C	SE	BA4C01200965-67	0911223951		11/20/2009 12:00	12/28/2009 2:41	N
	091203L16	NA	BA4C	SE	BA4C01200965-67	0911223951		11/20/2009 12:00	12/28/2009 2:41	N
	091203L16	NA	BA4C	SE	BA4C01200969-71	0911223952		11/20/2009 12:00	12/28/2009 3:04	N
	091203L16	NA	BA4C	SE	BA4C01200969-71	0911223952		11/20/2009 12:00	12/28/2009 3:04	N
	091203L16	NA	BA4C	SE	BA4C01200901	091122391		11/20/2009 12:00	12/28/2009 3:23	N
	091203L16	NA	BA4C	SE	BA4C01200903	091122392		11/20/2009 12:00	12/28/2009 3:47	N
	091203L16	NA	BA4C	SE	BA4C01200909-11	0911223937		11/20/2009 12:00	12/28/2009 4:10	N
	091203L16	NA	BA4C	SE	BA4C01200913-15	0911223938		11/20/2009 12:00	12/28/2009 4:34	N
	091203L16	NA	BA4C	SE	BA4C01200921-23	0911223940		11/20/2009 12:00	12/28/2009 4:58	N
	091203L16	NA	BA4C	SE	BA4C01200925-27	0911223941		11/20/2009 12:00	12/28/2009 5:21	N
	091203L16	NA	BA4C	SE	BA4C01200929-31	0911223942		11/20/2009 12:00	12/28/2009 8:39	N
	091203L16	NA	BA4C	SE	BA4C01200933-35	0911223943		11/20/2009 12:00	12/28/2009 9:02	N
	091203L16	NA	BA4C	SE	BA4C01200937-39	0911223944		11/20/2009 12:00	12/28/2009 9:26	N
	091203L16	NA	BA4C	SE	BA4C01200965-67	0911223951		11/20/2009 12:00	12/28/2009 9:50	N
	091203L16	NA	BA4C	SE	BA4C01200945-47	0911223946		11/20/2009 12:00	12/29/2009 12:56	MS
	091203L16	NA	BA4C	SE	BA4C01200945-47	0911223946		11/20/2009 12:00	12/29/2009 1:19	SD

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91206MOID1	NA	NA	BA4C	SE	BA4C01200949-51	0911223947		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200957-59	0911223949		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200953-55	0911223948		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200969-71	0911223952		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200965-67	0911223951		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200961-63	0911223950		11/20/2009 12:00	12/06/2009 12:00	N
91206MOIB1	NA	NA	LABQC	SQ	LABQC	099050141621		12/06/2009 12:00	12/06/2009 12:00	LB
91206MOID1	NA	NA	BA4C	SE	BA4C01200929-31	0911223942		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200925-27	0911223941		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200921-23	0911223940		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200945-47	0911223946		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200941-43	0911223945		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200937-39	0911223944		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200933-35	0911223943		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200913-15	0911223938		11/20/2009 12:00	12/06/2009 12:00	LR
	NA	NA	BA4C	SE	BA4C01200909-11	0911223937		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200917-19	0911223939		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200913-15	0911223938		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200907	091122394		11/20/2009 12:00	12/06/2009 12:00	N

AUTOMATED DATA REVIEW SUMMARY for 09112239

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91206MOID1	NA	NA	BA4C	SE	BA4C01200905	091122393		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200903	091122392		11/20/2009 12:00	12/06/2009 12:00	N
	NA	NA	BA4C	SE	BA4C01200901	091122391		11/20/2009 12:00	12/06/2009 12:00	N

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203L17	091203L17	NA	LABQC	SQ	LABQC	0991301766		12/03/2009 12:00	12/21/2009 10:52	LB
	091203L17	NA	LABQC	SQ	LABQC	0991301766		12/03/2009 12:00	12/21/2009 11:23	BS
	091203L17	NA	LABQC	SQ	LABQC	0991301766		12/03/2009 12:00	12/21/2009 11:53	BD
091203S17	091203L17	NA	BA4C	SE	BA4C01200901	091122391		11/20/2009 12:00	12/21/2009 12:51	N
	091203L17	NA	BA4C	SE	BA4C01200901	091122391		11/20/2009 12:00	12/21/2009 12:51	N
	091203L17	NA	BA4C	SE	BA4C01200903	091122392		11/20/2009 12:00	12/21/2009 1:20	N
	091203L17	NA	BA4C	SE	BA4C01200903	091122392		11/20/2009 12:00	12/21/2009 1:20	N
	091203L17	NA	BA4C	SE	BA4C01200905	091122393		11/20/2009 12:00	12/21/2009 1:49	N
	091203L17	NA	BA4C	SE	BA4C01200905	091122393		11/20/2009 12:00	12/21/2009 1:49	N
	091203L17	NA	BA4C	SE	BA4C01200907	091122394		11/20/2009 12:00	12/21/2009 2:19	N
	091203L17	NA	BA4C	SE	BA4C01200907	091122394		11/20/2009 12:00	12/21/2009 2:19	N
	091203L17	NA	BA4C	SE	BA4C01200909-11	0911223937		11/20/2009 12:00	12/21/2009 2:48	N
	091203L17	NA	BA4C	SE	BA4C01200909-11	0911223937		11/20/2009 12:00	12/21/2009 2:48	N
	091203L17	NA	BA4C	SE	BA4C01200913-15	0911223938		11/20/2009 12:00	12/21/2009 3:17	N
	091203L17	NA	BA4C	SE	BA4C01200913-15	0911223938		11/20/2009 12:00	12/21/2009 3:17	N
	091203L17	NA	BA4C	SE	BA4C01200917-19	0911223939		11/20/2009 12:00	12/21/2009 6:18	N
	091203L17	NA	BA4C	SE	BA4C01200917-19	0911223939		11/20/2009 12:00	12/21/2009 6:18	N

AUTOMATED DATA REVIEW SUMMARY for 09112239

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S17	091203L17	NA	BA4C	SE	BA4C01200921-23	0911223940		11/20/2009 12:00	12/21/2009 6:47	N
	091203L17	NA	BA4C	SE	BA4C01200921-23	0911223940		11/20/2009 12:00	12/21/2009 6:47	N
	091203L17	NA	BA4C	SE	BA4C01200957-59	0911223949		11/20/2009 12:00	12/22/2009 11:32	N
	091203L17	NA	BA4C	SE	BA4C01200957-59	0911223949		11/20/2009 12:00	12/22/2009 11:32	N
	091203L17	NA	BA4C	SE	BA4C01200961-63	0911223950		11/20/2009 12:00	12/23/2009 12:01	N
	091203L17	NA	BA4C	SE	BA4C01200961-63	0911223950		11/20/2009 12:00	12/23/2009 12:01	N
	091203L17	NA	BA4C	SE	BA4C01200965-67	0911223951		11/20/2009 12:00	12/23/2009 12:30	N
	091203L17	NA	BA4C	SE	BA4C01200965-67	0911223951		11/20/2009 12:00	12/23/2009 12:30	N
	091203L17	NA	BA4C	SE	BA4C01200969-71	0911223952		11/20/2009 12:00	12/23/2009 1:00	N
	091203L17	NA	BA4C	SE	BA4C01200969-71	0911223952		11/20/2009 12:00	12/23/2009 1:00	N
	091203L17	NA	BA4C	SE	BA4C01200925-27	0911223941		11/20/2009 12:00	12/23/2009 2:28	N
	091203L17	NA	BA4C	SE	BA4C01200925-27	0911223941		11/20/2009 12:00	12/23/2009 2:28	N
	091203L17	NA	BA4C	SE	BA4C01200929-31	0911223942		11/20/2009 12:00	12/23/2009 2:57	N
	091203L17	NA	BA4C	SE	BA4C01200929-31	0911223942		11/20/2009 12:00	12/23/2009 2:57	N
	091203L17	NA	BA4C	SE	BA4C01200933-35	0911223943		11/20/2009 12:00	12/23/2009 7:42	N
	091203L17	NA	BA4C	SE	BA4C01200933-35	0911223943		11/20/2009 12:00	12/23/2009 7:42	N
	091203L17	NA	BA4C	SE	BA4C01200937-39	0911223944		11/20/2009 12:00	12/23/2009 8:11	N
	091203L17	NA	BA4C	SE	BA4C01200937-39	0911223944		11/20/2009 12:00	12/23/2009 8:11	N

AUTOMATED DATA REVIEW SUMMARY for 09112239

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091203S17	091203L17	NA	BA4C	SE	BA4C01200941-43	0911223945		11/20/2009 12:00	12/23/2009 8:39	N
	091203L17	NA	BA4C	SE	BA4C01200941-43	0911223945		11/20/2009 12:00	12/23/2009 8:39	N
	091203L17	NA	BA4C	SE	BA4C01200945-47	0911223946		11/20/2009 12:00	12/23/2009 9:07	N
	091203L17	NA	BA4C	SE	BA4C01200945-47	0911223946		11/20/2009 12:00	12/23/2009 9:07	N
	091203L17	NA	BA4C	SE	BA4C01200949-51	0911223947		11/20/2009 12:00	12/23/2009 9:35	N
	091203L17	NA	BA4C	SE	BA4C01200949-51	0911223947		11/20/2009 12:00	12/23/2009 9:35	N
	091203L17	NA	BA4C	SE	BA4C01200953-55	0911223948		11/20/2009 12:00	12/23/2009 10:04	N
	091203L17	NA	BA4C	SE	BA4C01200953-55	0911223948		11/20/2009 12:00	12/23/2009 10:04	N
	091203L17	NA	BA4C	SE	BA4C01200965-67	0911223951		11/20/2009 12:00	12/26/2009 7:20	MS
	091203L17	NA	BA4C	SE	BA4C01200965-67	0911223951		11/20/2009 12:00	12/26/2009 7:48	SD

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
A0104TOCS1	NA	NA	BA4C	SE	BA4C01200969-71	0911223952		11/20/2009 12:00	01/04/2010 12:20	MS
	NA	NA	BA4C	SE	BA4C01200969-71	0911223952		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200969-71	0911223952		11/20/2009 12:00	01/04/2010 12:20	SD
	NA	NA	BA4C	SE	BA4C01200965-67	0911223951		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200961-63	0911223950		11/20/2009 12:00	01/04/2010 12:20	N

AUTOMATED DATA REVIEW SUMMARY for 09112239

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
A0104TOCS1	NA	NA	BA4C	SE	BA4C01200953-55	0911223948		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200957-59	0911223949		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200949-51	0911223947		11/20/2009 12:00	01/04/2010 12:20	N
A0104TOCL1	NA	NA	LABQC	SQ	LABQC	09906013446		01/04/2010 12:20	01/04/2010 12:20	BS
	NA	NA	LABQC	SQ	LABQC	09906013446		01/04/2010 12:20	01/04/2010 12:20	LB
A0104TOCS1	NA	NA	BA4C	SE	BA4C01200945-47	0911223946		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200941-43	0911223945		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200937-39	0911223944		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200933-35	0911223943		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200929-31	0911223942		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200925-27	0911223941		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200921-23	0911223940		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200917-19	0911223939		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200913-15	0911223938		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200909-11	0911223937		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200907	091122394		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200905	091122393		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200903	091122392		11/20/2009 12:00	01/04/2010 12:20	N
	NA	NA	BA4C	SE	BA4C01200901	091122391		11/20/2009 12:00	01/04/2010 12:20	N

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	BA4C01200945-47 / MS	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	20.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4C01200945-47 / SD	1	1-chloro-2,2-bis(4'-chlorophenyl) ethylene	19.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4C01200945-47 / MS	1	o,p'-DDT	19.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4C01200945-47 / SD	1	o,p'-DDT	20.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4C01200945-47 / MS	1	p,p'-DDE	38.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4C01200945-47 / SD	1	p,p'-DDE	38.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4C01200945-47 / MS	1	p,p'-DDT	10.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4C01200945-47 / SD	1	p,p'-DDT	11.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	12.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2,4,4'-TRICHLOROBIPHENYL	12.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	2,4,4'-TRICHLOROBIPHENYL	8.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	3.2 J	3.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200913-15	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',5-TRICHLOROBIPHENYL	8.2	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.2	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',5-TRICHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,4,4'-TRICHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.6	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.6	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.6	3.7 J	3.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',5-TRICHLOROBIPHENYL	8.6	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200925-27	N	2,4'-DICHLOROBIPHENYL	9.4	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.4	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.4	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	10.0	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.6	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.6	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	9.6	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	9.6	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.6	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	6.8 J	6.8 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200937-39	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200945-47	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200953-55	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200953-55	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	5.0 J	5.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200953-55	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200953-55	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200953-55	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200953-55	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200957-59	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200957-59	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200957-59	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200957-59	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200961-63	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200961-63	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200961-63	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',5-TRICHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	PCB-138/158	7.1	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200969-71	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.1	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,4,4'-TRICHLOROBIPHENYL	7.1	4.3 J	4.3 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C01200921-23	N	o,p'-DDT	8.6	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	BA4C01200937-39	N	o,p'-DDT	8.3	7.1 J	7.1 J	ug/kg	TR
BNASIM/NONE	SE	BA4C01200945-47	N	o,p'-DDD	7.3	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	BA4C01200945-47	N	p,p'-DDE	7.3	160	160 J	ug/kg	M
BNASIM/NONE	SE	BA4C01200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	250	250 J	ug/kg	M
BNASIM/NONE	SE	BA4C01200945-47	N	o,p'-DDT	7.3	7.3 U	7.3 UJ	ug/kg	M
BNASIM/NONE	SE	BA4C01200945-47	N	p,p'-DDT	7.3	7.3 U	7.3 UJ	ug/kg	M
BNASIM/NONE	SE	BA4C01200957-59	N	o,p'-DDD	7.3	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	BA4C01200961-63	N	o,p'-DDD	7.1	4.3 J	4.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C01200901	N	o,p'-DDD	12.0	41.0	41.0	ug/kg	
BNASIM/NONE	SE	BA4C01200901	N	p,p'-DDD	12.0	150	150	ug/kg	
BNASIM/NONE	SE	BA4C01200901	N	o,p'-DDE	12.0	300	300	ug/kg	
BNASIM/NONE	SE	BA4C01200901	N	p,p'-DDE	60.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	BA4C01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	12.0	800	800	ug/kg	
BNASIM/NONE	SE	BA4C01200901	N	1,1-bis(p-chlorophenyl)ethane	12.0	110	110	ug/kg	
BNASIM/NONE	SE	BA4C01200903	N	o,p'-DDD	8.9	25.0	25.0	ug/kg	
BNASIM/NONE	SE	BA4C01200903	N	p,p'-DDD	8.9	100	100	ug/kg	
BNASIM/NONE	SE	BA4C01200903	N	o,p'-DDE	8.9	200	200	ug/kg	
BNASIM/NONE	SE	BA4C01200903	N	p,p'-DDE	44.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	BA4C01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.9	510	510	ug/kg	
BNASIM/NONE	SE	BA4C01200903	N	1,1-bis(p-chlorophenyl)ethane	8.9	68.0	68.0	ug/kg	
BNASIM/NONE	SE	BA4C01200905	N	o,p'-DDD	8.3	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA4C01200905	N	p,p'-DDD	8.3	62.0	62.0	ug/kg	
BNASIM/NONE	SE	BA4C01200905	N	o,p'-DDE	8.3	140	140	ug/kg	
BNASIM/NONE	SE	BA4C01200905	N	p,p'-DDE	8.3	760	760	ug/kg	
BNASIM/NONE	SE	BA4C01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	330	330	ug/kg	
BNASIM/NONE	SE	BA4C01200905	N	1,1-bis(p-chlorophenyl)ethane	8.3	42.0	42.0	ug/kg	
BNASIM/NONE	SE	BA4C01200907	N	o,p'-DDD	8.3	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA4C01200907	N	p,p'-DDD	8.3	57.0	57.0	ug/kg	
BNASIM/NONE	SE	BA4C01200907	N	o,p'-DDE	8.3	150	150	ug/kg	
BNASIM/NONE	SE	BA4C01200907	N	p,p'-DDE	8.3	780	780	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	340	340	ug/kg	
BNASIM/NONE	SE	BA4C01200907	N	1,1-bis(p-chlorophenyl)ethane	8.3	51.0	51.0	ug/kg	
BNASIM/NONE	SE	BA4C01200909-11	N	o,p'-DDD	8.2	38.0	38.0	ug/kg	
BNASIM/NONE	SE	BA4C01200909-11	N	p,p'-DDD	8.2	200	200	ug/kg	
BNASIM/NONE	SE	BA4C01200909-11	N	o,p'-DDE	8.2	300	300	ug/kg	
BNASIM/NONE	SE	BA4C01200909-11	N	p,p'-DDE	41.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	BA4C01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	720	720	ug/kg	
BNASIM/NONE	SE	BA4C01200909-11	N	1,1-bis(p-chlorophenyl)ethane	8.2	110	110	ug/kg	
BNASIM/NONE	SE	BA4C01200913-15	N	o,p'-DDD	8.2	29.0	29.0	ug/kg	
BNASIM/NONE	SE	BA4C01200913-15	N	p,p'-DDD	8.2	140	140	ug/kg	
BNASIM/NONE	SE	BA4C01200913-15	N	o,p'-DDE	8.2	240	240	ug/kg	
BNASIM/NONE	SE	BA4C01200913-15	N	p,p'-DDE	41.0	1100 D	1100	ug/kg	
BNASIM/NONE	SE	BA4C01200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	650	650	ug/kg	
BNASIM/NONE	SE	BA4C01200913-15	N	1,1-bis(p-chlorophenyl)ethane	8.2	120	120	ug/kg	
BNASIM/NONE	SE	BA4C01200917-19	N	o,p'-DDD	8.3	20.0	20.0	ug/kg	
BNASIM/NONE	SE	BA4C01200917-19	N	p,p'-DDD	8.3	67.0	67.0	ug/kg	
BNASIM/NONE	SE	BA4C01200917-19	N	o,p'-DDE	8.3	170	170	ug/kg	
BNASIM/NONE	SE	BA4C01200917-19	N	p,p'-DDE	8.3	810	810	ug/kg	
BNASIM/NONE	SE	BA4C01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	540	540	ug/kg	
BNASIM/NONE	SE	BA4C01200917-19	N	1,1-bis(p-chlorophenyl)ethane	8.3	110	110	ug/kg	
BNASIM/NONE	SE	BA4C01200921-23	N	o,p'-DDD	8.6	31.0	31.0	ug/kg	
BNASIM/NONE	SE	BA4C01200921-23	N	p,p'-DDD	8.6	86.0	86.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C01200921-23	N	o,p'-DDE	8.6	260	260	ug/kg	
BNASIM/NONE	SE	BA4C01200921-23	N	p,p'-DDE	43.0	1000 D	1000	ug/kg	
BNASIM/NONE	SE	BA4C01200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	43.0	860 D	860	ug/kg	
BNASIM/NONE	SE	BA4C01200921-23	N	1,1-bis(p-chlorophenyl)ethane	8.6	180	180	ug/kg	
BNASIM/NONE	SE	BA4C01200921-23	N	o,p'-DDT	8.6	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	BA4C01200925-27	N	o,p'-DDD	9.4	88.0	88.0	ug/kg	
BNASIM/NONE	SE	BA4C01200925-27	N	p,p'-DDD	9.4	170	170	ug/kg	
BNASIM/NONE	SE	BA4C01200925-27	N	o,p'-DDE	9.4	790	790	ug/kg	
BNASIM/NONE	SE	BA4C01200925-27	N	p,p'-DDE	94.0	3700 D	3700	ug/kg	
BNASIM/NONE	SE	BA4C01200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	94.0	2200 D	2200	ug/kg	
BNASIM/NONE	SE	BA4C01200925-27	N	1,1-bis(p-chlorophenyl)ethane	9.4	550	550	ug/kg	
BNASIM/NONE	SE	BA4C01200925-27	N	o,p'-DDT	9.4	24.0	24.0	ug/kg	
BNASIM/NONE	SE	BA4C01200929-31	N	o,p'-DDD	10.0	85.0	85.0	ug/kg	
BNASIM/NONE	SE	BA4C01200929-31	N	p,p'-DDD	10.0	160	160	ug/kg	
BNASIM/NONE	SE	BA4C01200929-31	N	o,p'-DDE	10.0	930	930	ug/kg	
BNASIM/NONE	SE	BA4C01200929-31	N	p,p'-DDE	100	4400 D	4400	ug/kg	
BNASIM/NONE	SE	BA4C01200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	100	2200 D	2200	ug/kg	
BNASIM/NONE	SE	BA4C01200929-31	N	1,1-bis(p-chlorophenyl)ethane	10.0	360	360	ug/kg	
BNASIM/NONE	SE	BA4C01200929-31	N	o,p'-DDT	10.0	17.0	17.0	ug/kg	
BNASIM/NONE	SE	BA4C01200933-35	N	o,p'-DDD	9.6	100	100	ug/kg	
BNASIM/NONE	SE	BA4C01200933-35	N	p,p'-DDD	9.6	360	360	ug/kg	
BNASIM/NONE	SE	BA4C01200933-35	N	o,p'-DDE	96.0	1500 D	1500	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C01200933-35	N	p,p'-DDE	96.0	6400 D	6400	ug/kg	
BNASIM/NONE	SE	BA4C01200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	96.0	4100 D	4100	ug/kg	
BNASIM/NONE	SE	BA4C01200933-35	N	1,1-bis(p-chlorophenyl)ethane	9.6	510	510	ug/kg	
BNASIM/NONE	SE	BA4C01200933-35	N	o,p'-DDT	9.6	16.0	16.0	ug/kg	
BNASIM/NONE	SE	BA4C01200937-39	N	o,p'-DDD	8.3	71.0	71.0	ug/kg	
BNASIM/NONE	SE	BA4C01200937-39	N	p,p'-DDD	8.3	250	250	ug/kg	
BNASIM/NONE	SE	BA4C01200937-39	N	o,p'-DDE	8.3	550	550	ug/kg	
BNASIM/NONE	SE	BA4C01200937-39	N	p,p'-DDE	83.0	2600 D	2600	ug/kg	
BNASIM/NONE	SE	BA4C01200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	83.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	BA4C01200937-39	N	1,1-bis(p-chlorophenyl)ethane	8.3	330	330	ug/kg	
BNASIM/NONE	SE	BA4C01200937-39	N	o,p'-DDT	8.3	7.1 J	7.1 J	ug/kg	TR
BNASIM/NONE	SE	BA4C01200941-43	N	o,p'-DDD	7.5	8.3	8.3	ug/kg	
BNASIM/NONE	SE	BA4C01200941-43	N	p,p'-DDD	7.5	25.0	25.0	ug/kg	
BNASIM/NONE	SE	BA4C01200941-43	N	o,p'-DDE	7.5	60.0	60.0	ug/kg	
BNASIM/NONE	SE	BA4C01200941-43	N	p,p'-DDE	7.5	190	190	ug/kg	
BNASIM/NONE	SE	BA4C01200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	310	310	ug/kg	
BNASIM/NONE	SE	BA4C01200941-43	N	1,1-bis(p-chlorophenyl)ethane	7.5	53.0	53.0	ug/kg	
BNASIM/NONE	SE	BA4C01200945-47	N	o,p'-DDD	7.3	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	BA4C01200945-47	N	p,p'-DDD	7.3	12.0	12.0	ug/kg	
BNASIM/NONE	SE	BA4C01200945-47	N	o,p'-DDE	7.3	47.0	47.0	ug/kg	
BNASIM/NONE	SE	BA4C01200945-47	N	p,p'-DDE	7.3	160	160 J	ug/kg	M
BNASIM/NONE	SE	BA4C01200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	250	250 J	ug/kg	M

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C01200945-47	N	1,1-bis(p-chlorophenyl)ethane	7.3	47.0	47.0	ug/kg	
BNASIM/NONE	SE	BA4C01200949-51	N	o,p'-DDD	7.5	8.3	8.3	ug/kg	
BNASIM/NONE	SE	BA4C01200949-51	N	p,p'-DDD	7.5	29.0	29.0	ug/kg	
BNASIM/NONE	SE	BA4C01200949-51	N	o,p'-DDE	7.5	73.0	73.0	ug/kg	
BNASIM/NONE	SE	BA4C01200949-51	N	p,p'-DDE	7.5	270	270	ug/kg	
BNASIM/NONE	SE	BA4C01200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	330	330	ug/kg	
BNASIM/NONE	SE	BA4C01200949-51	N	1,1-bis(p-chlorophenyl)ethane	7.5	53.0	53.0	ug/kg	
BNASIM/NONE	SE	BA4C01200953-55	N	o,p'-DDD	7.7	8.1	8.1	ug/kg	
BNASIM/NONE	SE	BA4C01200953-55	N	p,p'-DDD	7.7	21.0	21.0	ug/kg	
BNASIM/NONE	SE	BA4C01200953-55	N	o,p'-DDE	7.7	68.0	68.0	ug/kg	
BNASIM/NONE	SE	BA4C01200953-55	N	p,p'-DDE	7.7	220	220	ug/kg	
BNASIM/NONE	SE	BA4C01200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	360	360	ug/kg	
BNASIM/NONE	SE	BA4C01200953-55	N	1,1-bis(p-chlorophenyl)ethane	7.7	65.0	65.0	ug/kg	
BNASIM/NONE	SE	BA4C01200957-59	N	o,p'-DDD	7.3	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	BA4C01200957-59	N	p,p'-DDD	7.3	19.0	19.0	ug/kg	
BNASIM/NONE	SE	BA4C01200957-59	N	o,p'-DDE	7.3	51.0	51.0	ug/kg	
BNASIM/NONE	SE	BA4C01200957-59	N	p,p'-DDE	7.3	170	170	ug/kg	
BNASIM/NONE	SE	BA4C01200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	260	260	ug/kg	
BNASIM/NONE	SE	BA4C01200957-59	N	1,1-bis(p-chlorophenyl)ethane	7.3	44.0	44.0	ug/kg	
BNASIM/NONE	SE	BA4C01200961-63	N	o,p'-DDD	7.1	4.3 J	4.3 J	ug/kg	TR
BNASIM/NONE	SE	BA4C01200961-63	N	p,p'-DDD	7.1	8.9	8.9	ug/kg	
BNASIM/NONE	SE	BA4C01200961-63	N	o,p'-DDE	7.1	38.0	38.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C01200961-63	N	p,p'-DDE	7.1	130	130	ug/kg	
BNASIM/NONE	SE	BA4C01200961-63	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	190	190	ug/kg	
BNASIM/NONE	SE	BA4C01200961-63	N	1,1-bis(p-chlorophenyl)ethane	7.1	26.0	26.0	ug/kg	
BNASIM/NONE	SE	BA4C01200965-67	N	o,p'-DDD	7.2	17.0	17.0	ug/kg	
BNASIM/NONE	SE	BA4C01200965-67	N	p,p'-DDD	7.2	38.0	38.0	ug/kg	
BNASIM/NONE	SE	BA4C01200965-67	N	o,p'-DDE	7.2	140	140	ug/kg	
BNASIM/NONE	SE	BA4C01200965-67	N	p,p'-DDE	7.2	420	420	ug/kg	
BNASIM/NONE	SE	BA4C01200965-67	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	36.0	700 D	700	ug/kg	
BNASIM/NONE	SE	BA4C01200965-67	N	1,1-bis(p-chlorophenyl)ethane	7.2	110	110	ug/kg	
BNASIM/NONE	SE	BA4C01200969-71	N	o,p'-DDD	7.1	10.0	10.0	ug/kg	
BNASIM/NONE	SE	BA4C01200969-71	N	p,p'-DDD	7.1	52.0	52.0	ug/kg	
BNASIM/NONE	SE	BA4C01200969-71	N	o,p'-DDE	7.1	90.0	90.0	ug/kg	
BNASIM/NONE	SE	BA4C01200969-71	N	p,p'-DDE	7.1	260	260	ug/kg	
BNASIM/NONE	SE	BA4C01200969-71	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	540	540	ug/kg	
BNASIM/NONE	SE	BA4C01200969-71	N	1,1-bis(p-chlorophenyl)ethane	7.1	84.0	84.0	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200901	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	12.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	5.2 J	5.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200901	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	12.0	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	PCB-138/158	12.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200901	N	2,3',4,4',5-PENTACHLOROBIPHENYL	12.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200901	N	2,4,4'-TRICHLOROBIPHENYL	12.0	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	PCB-138/158	8.9	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.9	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.9	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200903	N	2,4,4'-TRICHLOROBIPHENYL	8.9	3.3 J	3.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200905	N	PCB-138/158	8.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200905	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	BA4C01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	BA4C01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200907	N	PCB-138/158	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	BA4C01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	7.6 J	7.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200909-11	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.2	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	PCB-138/158	8.2	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200909-11	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.2	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.2	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,2',5-TRICHLOROBIPHENYL	8.2	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200909-11	N	2,4,4'-TRICHLOROBIPHENYL	8.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	4.4 J	4.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.2	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200913-15	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	PCB-138/158	8.2	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	BA4C01200913-15	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.2	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200913-15	N	2,2',5-TRICHLOROBIPHENYL	8.2	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.2	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.3	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200917-19	N	PCB-138/158	8.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200917-19	N	2,2',5-TRICHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200917-19	N	2,4,4'-TRICHLOROBIPHENYL	8.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.6	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.6	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.6	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200921-23	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.6	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	PCB-138/158	8.6	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.6	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.6	11.0	11.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200921-23	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.6	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.6	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.6	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.6	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,2',5-TRICHLOROBIPHENYL	8.6	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.6	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200925-27	N	2,4'-DICHLOROBIPHENYL	9.4	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.4	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.4	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.4	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.4	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.4	63.0	63.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	9.4	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	9.4	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.4	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	9.4	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.4	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	PCB-138/158	9.4	63.0	63.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.4	70.0	70.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.4	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,3',4,4',5-PENTACHLOROBIPHENYL	9.4	64.0	64.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.4	9.7	9.7	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.4	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.4	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.4	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,2',5-TRICHLOROBIPHENYL	9.4	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200925-27	N	2,4,4'-TRICHLOROBIPHENYL	9.4	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	10.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	10.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	58.0	58.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	10.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	10.0	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	10.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	2',3,4,4',5-PENTACHLOROBIPHENYL	10.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	PCB-138/158	10.0	61.0	61.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	73.0	73.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	37.0	37.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,3',4,4',5-PENTACHLOROBIPHENYL	10.0	65.0	65.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	44.0	44.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	10.0	63.0	63.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	10.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,2',5-TRICHLOROBIPHENYL	10.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200929-31	N	2,4,4'-TRICHLOROBIPHENYL	10.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.6	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.6	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.6	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.6	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.6	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	9.6	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	9.6	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.6	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	PCB-138/158	9.6	50.0	50.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.6	58.0	58.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.6	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	2,3',4,4',5-PENTACHLOROBIPHENYL	9.6	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.6	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.6	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.6	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	3,3',4,4'-TETRACHLOROBIPHENYL	9.6	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200933-35	N	2,2',5-TRICHLOROBIPHENYL	9.6	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200933-35	N	2,4,4'-TRICHLOROBIPHENYL	9.6	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200937-39	N	PCB-138/158	8.3	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200937-39	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200937-39	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	20.0	20.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	20.0	20.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.3	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200937-39	N	2,2',5-TRICHLOROBIPHENYL	8.3	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	BA4C01200937-39	N	2,4,4'-TRICHLOROBIPHENYL	8.3	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	BA4C01200941-43	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200945-47	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200949-51	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200953-55	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200953-55	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200953-55	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.7	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200953-55	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200953-55	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200953-55	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200957-59	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200957-59	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200957-59	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200957-59	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200957-59	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200961-63	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200961-63	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200961-63	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	BA4C01200965-67	N	PCB-138/158	7.2	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200965-67	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.2	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.2	7.6	7.6	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	8.0	8.0	ug/kg	
PCBSIM/NONE	SE	BA4C01200965-67	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	BA4C01200965-67	N	2,2',5-TRICHLOROBIPHENYL	7.2	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200965-67	N	2,4,4'-TRICHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	PCB-138/158	7.1	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	8.2	8.2	ug/kg	
PCBSIM/NONE	SE	BA4C01200969-71	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,3',4,4',5-PENTACHLOROBIPHENYL	7.1	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C01200969-71	N	2,4,4'-TRICHLOROBIPHENYL	7.1	4.3 J	4.3 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA4C01200901	N	Moisture	0.10	58.1	58.1	PERCENT	
D2216/NONE	SE	BA4C01200903	N	Moisture	0.10	43.7	43.7	PERCENT	
D2216/NONE	SE	BA4C01200905	N	Moisture	0.10	39.4	39.4	PERCENT	
D2216/NONE	SE	BA4C01200907	N	Moisture	0.10	40.1	40.1	PERCENT	
D2216/NONE	SE	BA4C01200909-11	N	Moisture	0.10	38.8	38.8	PERCENT	
D2216/NONE	SE	BA4C01200913-15	N	Moisture	0.10	39.0	39.0	PERCENT	
D2216/NONE	SE	BA4C01200917-19	N	Moisture	0.10	40.0	40.0	PERCENT	
D2216/NONE	SE	BA4C01200921-23	N	Moisture	0.10	41.7	41.7	PERCENT	
D2216/NONE	SE	BA4C01200925-27	N	Moisture	0.10	46.6	46.6	PERCENT	
D2216/NONE	SE	BA4C01200929-31	N	Moisture	0.10	51.2	51.2	PERCENT	
D2216/NONE	SE	BA4C01200933-35	N	Moisture	0.10	47.7	47.7	PERCENT	
D2216/NONE	SE	BA4C01200937-39	N	Moisture	0.10	39.7	39.7	PERCENT	
D2216/NONE	SE	BA4C01200941-43	N	Moisture	0.10	33.6	33.6	PERCENT	
D2216/NONE	SE	BA4C01200945-47	N	Moisture	0.10	31.7	31.7	PERCENT	
D2216/NONE	SE	BA4C01200949-51	N	Moisture	0.10	33.4	33.4	PERCENT	
D2216/NONE	SE	BA4C01200953-55	N	Moisture	0.10	35.2	35.2	PERCENT	
D2216/NONE	SE	BA4C01200957-59	N	Moisture	0.10	31.4	31.4	PERCENT	
D2216/NONE	SE	BA4C01200961-63	N	Moisture	0.10	29.4	29.4	PERCENT	
D2216/NONE	SE	BA4C01200965-67	N	Moisture	0.10	30.6	30.6	PERCENT	
D2216/NONE	SE	BA4C01200969-71	N	Moisture	0.10	29.1	29.1	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA4C01200901	N	Total Organic Carbon	0.12	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA4C01200903	N	Total Organic Carbon	0.089	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA4C01200905	N	Total Organic Carbon	0.083	2.2	2.2	PERCENT	
SW9060/NONE	SE	BA4C01200907	N	Total Organic Carbon	0.083	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA4C01200909-11	N	Total Organic Carbon	0.082	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA4C01200913-15	N	Total Organic Carbon	0.082	2.5	2.5	PERCENT	
SW9060/NONE	SE	BA4C01200917-19	N	Total Organic Carbon	0.083	2.8	2.8	PERCENT	
SW9060/NONE	SE	BA4C01200921-23	N	Total Organic Carbon	0.086	2.8	2.8	PERCENT	
SW9060/NONE	SE	BA4C01200925-27	N	Total Organic Carbon	0.094	3.5	3.5	PERCENT	
SW9060/NONE	SE	BA4C01200929-31	N	Total Organic Carbon	0.10	5.2	5.2	PERCENT	
SW9060/NONE	SE	BA4C01200933-35	N	Total Organic Carbon	0.096	4.1	4.1	PERCENT	
SW9060/NONE	SE	BA4C01200937-39	N	Total Organic Carbon	0.083	2.3	2.3	PERCENT	
SW9060/NONE	SE	BA4C01200941-43	N	Total Organic Carbon	0.075	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA4C01200945-47	N	Total Organic Carbon	0.073	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA4C01200949-51	N	Total Organic Carbon	0.075	1.8	1.8	PERCENT	
SW9060/NONE	SE	BA4C01200953-55	N	Total Organic Carbon	0.077	2.0	2.0	PERCENT	
SW9060/NONE	SE	BA4C01200957-59	N	Total Organic Carbon	0.073	1.5	1.5	PERCENT	
SW9060/NONE	SE	BA4C01200961-63	N	Total Organic Carbon	0.071	1.4	1.4	PERCENT	
SW9060/NONE	SE	BA4C01200965-67	N	Total Organic Carbon	0.072	1.5	1.5	PERCENT	
SW9060/NONE	SE	BA4C01200969-71	N	Total Organic Carbon	0.071	1.4	1.4	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09112240

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

1. **Pesticides (DDTs) by BNA-SIM**
   It was noted that the data flagging system does not identify Field Duplicates as parent samples for the matrix spike (MS) and matrix spike duplicate (SD); thus, the system could not properly apply qualifiers for percent recoveries out of project control limits. Qualifiers were applied on this basis as seen on the Qualified Results report.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09112240

Facility:	EPA, Region 9
Event:	PV Shelf - Sediment
Guidance Document:	PV Shelf SAP November 2009
Contract Laboratory:	CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA
Field Contractor:	Not Applicable
Data Review Contractor:	Synectics, Sacramento, CA
SDG:	09112240, Certified - 1/29/2010AM by DanielleGonsman
QC Level:	ADR
Project Manager:	
Data Reviewer:	Leticia Sangalang
Data Reviewer Title:	Senior Scientist
Date of Review Report:	08-Feb-2010

Samples Included in SDG 09112240

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	0	20
D2216/NONE	0	20
PCBSIM/NONE	0	20
SW9060/NONE	0	20

AUTOMATED DATA REVIEW SUMMARY for 09112240

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Not Applicable; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09112240. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

BS RPD

LCS Recovery

Blank

Field Duplicate RPD

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Negative Blank

Confirmation Column Difference

Field Blank

Calibration Blank - Negative

Calibration Blank

Equip Blank

Continuing Calibration Verification

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 09112240

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.21% (2 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

Evin McKinney

08-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09112240

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091204L09	091204L09	NA	LABQC	SQ	LABQC	0991301333		12/04/2009 12:00	12/28/2009 12:10	LB
	091204L09	NA	LABQC	SQ	LABQC	0991301333		12/04/2009 12:00	12/28/2009 12:34	BS
	091204L09	NA	LABQC	SQ	LABQC	0991301333		12/04/2009 12:00	12/28/2009 12:57	BD
091204S09	091204L09	NA	BA4C	SE	BA4C02200901	091122401		11/20/2009 12:00	12/28/2009 10:13	FD
	091204L09	NA	BA4C	SE	BA4C02200901	091122401		11/20/2009 12:00	12/28/2009 10:13	FD
	091204L09	NA	BA4C	SE	BA4C02200903	091122402		11/20/2009 12:00	12/28/2009 10:37	FD
	091204L09	NA	BA4C	SE	BA4C02200903	091122402		11/20/2009 12:00	12/28/2009 10:37	FD
	091204L09	NA	BA4C	SE	BA4C02200905	091122403		11/20/2009 12:00	12/28/2009 11:00	FD
	091204L09	NA	BA4C	SE	BA4C02200905	091122403		11/20/2009 12:00	12/28/2009 11:00	FD
	091204L09	NA	BA4C	SE	BA4C02200907	091122404		11/20/2009 12:00	12/28/2009 11:24	FD
	091204L09	NA	BA4C	SE	BA4C02200907	091122404		11/20/2009 12:00	12/28/2009 11:24	FD
	091204L09	NA	BA4C	SE	BA4C02200909-11	0911224037		11/20/2009 12:00	12/28/2009 11:48	FD
	091204L09	NA	BA4C	SE	BA4C02200909-11	0911224037		11/20/2009 12:00	12/28/2009 11:48	FD
	091204L09	NA	BA4C	SE	BA4C02200913-15	0911224038		11/20/2009 12:00	12/29/2009 12:11	FD
	091204L09	NA	BA4C	SE	BA4C02200913-15	0911224038		11/20/2009 12:00	12/29/2009 12:11	FD
	091204L09	NA	BA4C	SE	BA4C02200917-19	0911224039		11/20/2009 12:00	12/29/2009 12:35	FD
	091204L09	NA	BA4C	SE	BA4C02200917-19	0911224039		11/20/2009 12:00	12/29/2009 12:35	FD
	091204L09	NA	BA4C	SE	BA4C02200921-23	0911224040		11/20/2009 12:00	12/29/2009 12:58	FD
	091204L09	NA	BA4C	SE	BA4C02200921-23	0911224040		11/20/2009 12:00	12/29/2009 12:58	FD
	091204L09	NA	BA4C	SE	BA4C02200925-27	0911224041		11/20/2009 12:00	12/29/2009 1:22	FD
	091204L09	NA	BA4C	SE	BA4C02200925-27	0911224041		11/20/2009 12:00	12/29/2009 1:22	FD

AUTOMATED DATA REVIEW SUMMARY for 09112240

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091204S09	091204L09	NA	BA4C	SE	BA4C02200929-31	0911224042		11/20/2009 12:00	12/29/2009 1:46	FD
	091204L09	NA	BA4C	SE	BA4C02200929-31	0911224042		11/20/2009 12:00	12/29/2009 1:46	FD
	091204L09	NA	BA4C	SE	BA4C02200933-35	0911224043		11/20/2009 12:00	12/29/2009 2:09	FD
	091204L09	NA	BA4C	SE	BA4C02200933-35	0911224043		11/20/2009 12:00	12/29/2009 2:09	FD
	091204L09	NA	BA4C	SE	BA4C02200937-39	0911224044		11/20/2009 12:00	12/29/2009 2:33	FD
	091204L09	NA	BA4C	SE	BA4C02200937-39	0911224044		11/20/2009 12:00	12/29/2009 2:33	FD
	091204L09	NA	BA4C	SE	BA4C02200941-43	0911224045		11/20/2009 12:00	12/29/2009 2:56	FD
	091204L09	NA	BA4C	SE	BA4C02200941-43	0911224045		11/20/2009 12:00	12/29/2009 2:56	FD
	091204L09	NA	BA4C	SE	BA4C02200945-47	0911224046		11/20/2009 12:00	12/29/2009 3:20	FD
	091204L09	NA	BA4C	SE	BA4C02200945-47	0911224046		11/20/2009 12:00	12/29/2009 3:20	FD
	091204L09	NA	BA4C	SE	BA4C02200949-51	0911224047		11/20/2009 12:00	12/29/2009 3:44	FD
	091204L09	NA	BA4C	SE	BA4C02200949-51	0911224047		11/20/2009 12:00	12/29/2009 3:44	FD
	091204L09	NA	BA4C	SE	BA4C02200953-55	0911224048		11/20/2009 12:00	12/29/2009 4:07	FD
	091204L09	NA	BA4C	SE	BA4C02200953-55	0911224048		11/20/2009 12:00	12/29/2009 4:07	FD
	091204L09	NA	BA4C	SE	BA4C02200957-59	0911224049		11/20/2009 12:00	12/29/2009 4:31	FD
	091204L09	NA	BA4C	SE	BA4C02200957-59	0911224049		11/20/2009 12:00	12/29/2009 4:31	FD
	091204L09	NA	BA4C	SE	BA4C02200961-63	0911224050		11/20/2009 12:00	12/29/2009 4:54	FD
	091204L09	NA	BA4C	SE	BA4C02200961-63	0911224050		11/20/2009 12:00	12/29/2009 4:54	FD

AUTOMATED DATA REVIEW SUMMARY for 09112240

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091204S09	091204L09	NA	BA4C	SE	BA4C02200965-67	0911224051		11/20/2009 12:00	12/29/2009 5:18	FD
	091204L09	NA	BA4C	SE	BA4C02200965-67	0911224051		11/20/2009 12:00	12/29/2009 5:18	FD
091204S09P	091204L09	NA	BA4C	SE	BA4C02200969-71	0911224052		11/20/2009 12:00	12/29/2009 5:41	FD
	091204L09	NA	BA4C	SE	BA4C02200969-71	0911224052		11/20/2009 12:00	12/29/2009 5:41	FD
091204S09	091204L09	NA	BA4C	SE	BA4C02200901	091122401		11/20/2009 12:00	12/29/2009 1:43	FD
	091204L09	NA	BA4C	SE	BA4C02200909-11	0911224037		11/20/2009 12:00	12/29/2009 2:06	FD
	091204L09	NA	BA4C	SE	BA4C02200921-23	0911224040		11/20/2009 12:00	12/29/2009 2:30	FD
	091204L09	NA	BA4C	SE	BA4C02200925-27	0911224041		11/20/2009 12:00	12/29/2009 2:53	FD
	091204L09	NA	BA4C	SE	BA4C02200929-31	0911224042		11/20/2009 12:00	12/29/2009 3:17	FD
	091204L09	NA	BA4C	SE	BA4C02200933-35	0911224043		11/20/2009 12:00	12/29/2009 3:41	FD
	091204L09	NA	BA4C	SE	BA4C02200937-39	0911224044		11/20/2009 12:00	12/29/2009 4:04	FD
	091204L09	NA	BA4C	SE	BA4C02200961-63	0911224050		11/20/2009 12:00	12/30/2009 11:59	MS
	091204L09	NA	BA4C	SE	BA4C02200961-63	0911224050		11/20/2009 12:00	12/30/2009 12:23	SD

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91206MOID2	NA	NA	BA4C	SE	BA4C02200965-67	0911224051		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200969-71	0911224052		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200961-63	0911224050		11/20/2009 12:00	12/06/2009 2:00	FD

AUTOMATED DATA REVIEW SUMMARY for 09112240

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91206MOID2	NA	NA	BA4C	SE	BA4C02200957-59	0911224049		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200953-55	0911224048		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200949-51	0911224047		11/20/2009 12:00	12/06/2009 2:00	FD
91206MOIB2	NA	NA	LABQC	SQ	LABQC	099050141615		12/06/2009 2:00	12/06/2009 2:00	LB
91206MOID2	NA	NA	BA4C	SE	BA4C02200941-43	0911224045		11/20/2009 12:00	12/06/2009 2:00	LR
	NA	NA	BA4C	SE	BA4C02200945-47	0911224046		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200941-43	0911224045		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200937-39	0911224044		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200925-27	0911224041		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200933-35	0911224043		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200929-31	0911224042		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200921-23	0911224040		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200917-19	0911224039		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200913-15	0911224038		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200909-11	0911224037		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200907	091122404		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200905	091122403		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200903	091122402		11/20/2009 12:00	12/06/2009 2:00	FD
	NA	NA	BA4C	SE	BA4C02200901	091122401		11/20/2009 12:00	12/06/2009 2:00	FD

AUTOMATED DATA REVIEW SUMMARY for 09112240

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091204L11	091204L11	NA	LABQC	SQ	LABQC	0991301772		12/04/2009 12:00	12/22/2009 10:32	LB
	091204L11	NA	LABQC	SQ	LABQC	0991301772		12/04/2009 12:00	12/22/2009 11:33	BS
091204S11	091204L11	NA	BA4C	SE	BA4C02200901	091122401		11/20/2009 12:00	12/22/2009 12:33	FD
	091204L11	NA	BA4C	SE	BA4C02200901	091122401		11/20/2009 12:00	12/22/2009 12:33	FD
	091204L11	NA	BA4C	SE	BA4C02200903	091122402		11/20/2009 12:00	12/22/2009 1:03	FD
	091204L11	NA	BA4C	SE	BA4C02200903	091122402		11/20/2009 12:00	12/22/2009 1:03	FD
	091204L11	NA	BA4C	SE	BA4C02200905	091122403		11/20/2009 12:00	12/22/2009 1:33	FD
	091204L11	NA	BA4C	SE	BA4C02200905	091122403		11/20/2009 12:00	12/22/2009 1:33	FD
	091204L11	NA	BA4C	SE	BA4C02200907	091122404		11/20/2009 12:00	12/22/2009 2:04	FD
	091204L11	NA	BA4C	SE	BA4C02200907	091122404		11/20/2009 12:00	12/22/2009 2:04	FD
	091204L11	NA	BA4C	SE	BA4C02200909-11	0911224037		11/20/2009 12:00	12/22/2009 2:34	FD
	091204L11	NA	BA4C	SE	BA4C02200909-11	0911224037		11/20/2009 12:00	12/22/2009 2:34	FD
	091204L11	NA	BA4C	SE	BA4C02200965-67	0911224051		11/20/2009 12:00	12/22/2009 3:05	FD
	091204L11	NA	BA4C	SE	BA4C02200965-67	0911224051		11/20/2009 12:00	12/22/2009 3:05	FD
	091204L11	NA	BA4C	SE	BA4C02200965-67	0911224051		11/20/2009 12:00	12/22/2009 3:36	MS
	091204L11	NA	BA4C	SE	BA4C02200965-67	0911224051		11/20/2009 12:00	12/22/2009 4:06	SD
091204L11	091204L11	NA	LABQC	SQ	LABQC	0991301772		12/04/2009 12:00	12/22/2009 5:08	BD
091204S11	091204L11	NA	BA4C	SE	BA4C02200913-15	0911224038		11/20/2009 12:00	12/22/2009 6:10	FD
	091204L11	NA	BA4C	SE	BA4C02200913-15	0911224038		11/20/2009 12:00	12/22/2009 6:10	FD
	091204L11	NA	BA4C	SE	BA4C02200917-19	0911224039		11/20/2009 12:00	12/22/2009 6:40	FD
	091204L11	NA	BA4C	SE	BA4C02200917-19	0911224039		11/20/2009 12:00	12/22/2009 6:40	FD
	091204L11	NA	BA4C	SE	BA4C02200921-23	0911224040		11/20/2009 12:00	12/22/2009 7:13	FD

AUTOMATED DATA REVIEW SUMMARY for 09112240

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091204S11	091204L11	NA	BA4C	SE	BA4C02200921-23	0911224040		11/20/2009 12:00	12/22/2009 7:13	FD
	091204L11	NA	BA4C	SE	BA4C02200925-27	0911224041		11/20/2009 12:00	12/22/2009 7:44	FD
	091204L11	NA	BA4C	SE	BA4C02200925-27	0911224041		11/20/2009 12:00	12/22/2009 7:44	FD
	091204L11	NA	BA4C	SE	BA4C02200929-31	0911224042		11/20/2009 12:00	12/22/2009 8:14	FD
	091204L11	NA	BA4C	SE	BA4C02200929-31	0911224042		11/20/2009 12:00	12/22/2009 8:14	FD
	091204L11	NA	BA4C	SE	BA4C02200933-35	0911224043		11/20/2009 12:00	12/22/2009 8:44	FD
	091204L11	NA	BA4C	SE	BA4C02200933-35	0911224043		11/20/2009 12:00	12/22/2009 8:44	FD
	091204L11	NA	BA4C	SE	BA4C02200937-39	0911224044		11/20/2009 12:00	12/22/2009 9:14	FD
	091204L11	NA	BA4C	SE	BA4C02200937-39	0911224044		11/20/2009 12:00	12/22/2009 9:14	FD
	091204L11	NA	BA4C	SE	BA4C02200941-43	0911224045		11/20/2009 12:00	12/22/2009 9:45	FD
	091204L11	NA	BA4C	SE	BA4C02200941-43	0911224045		11/20/2009 12:00	12/22/2009 9:45	FD
	091204L11	NA	BA4C	SE	BA4C02200945-47	0911224046		11/20/2009 12:00	12/22/2009 10:14	FD
	091204L11	NA	BA4C	SE	BA4C02200945-47	0911224046		11/20/2009 12:00	12/22/2009 10:14	FD
	091204L11	NA	BA4C	SE	BA4C02200949-51	0911224047		11/20/2009 12:00	12/22/2009 10:44	FD
	091204L11	NA	BA4C	SE	BA4C02200949-51	0911224047		11/20/2009 12:00	12/22/2009 10:44	FD
	091204L11	NA	BA4C	SE	BA4C02200953-55	0911224048		11/20/2009 12:00	12/22/2009 11:14	FD
	091204L11	NA	BA4C	SE	BA4C02200953-55	0911224048		11/20/2009 12:00	12/22/2009 11:14	FD
	091204L11	NA	BA4C	SE	BA4C02200957-59	0911224049		11/20/2009 12:00	12/22/2009 11:43	FD

AUTOMATED DATA REVIEW SUMMARY for 09112240

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091204S11	091204L11	NA	BA4C	SE	BA4C02200957-59	0911224049		11/20/2009 12:00	12/22/2009 11:43	FD
	091204L11	NA	BA4C	SE	BA4C02200961-63	0911224050		11/20/2009 12:00	12/23/2009 12:12	FD
	091204L11	NA	BA4C	SE	BA4C02200961-63	0911224050		11/20/2009 12:00	12/23/2009 12:12	FD
	091204L11	NA	BA4C	SE	BA4C02200969-71	0911224052		11/20/2009 12:00	12/23/2009 12:43	FD
	091204L11	NA	BA4C	SE	BA4C02200969-71	0911224052		11/20/2009 12:00	12/23/2009 12:43	FD

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
A0105TOCS1	NA	NA	BA4C	SE	BA4C02200969-71	0911224052		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200969-71	0911224052		11/20/2009 12:00	01/05/2010 1:58	MS
	NA	NA	BA4C	SE	BA4C02200969-71	0911224052		11/20/2009 12:00	01/05/2010 1:58	SD
	NA	NA	BA4C	SE	BA4C02200965-67	0911224051		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200961-63	0911224050		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200957-59	0911224049		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200953-55	0911224048		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200949-51	0911224047		11/20/2009 12:00	01/05/2010 1:58	FD
A0105TOCL1	NA	NA	LABQC	SQ	LABQC	09906013447		01/05/2010 1:58	01/05/2010 1:58	BS
	NA	NA	LABQC	SQ	LABQC	09906013447		01/05/2010 1:58	01/05/2010 1:58	LB
A0105TOCS1	NA	NA	BA4C	SE	BA4C02200945-47	0911224046		11/20/2009 12:00	01/05/2010 1:58	FD

AUTOMATED DATA REVIEW SUMMARY for 09112240

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
A0105TOCS1	NA	NA	BA4C	SE	BA4C02200941-43	0911224045		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200937-39	0911224044		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200933-35	0911224043		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200929-31	0911224042		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200925-27	0911224041		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200921-23	0911224040		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200917-19	0911224039		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200913-15	0911224038		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200909-11	0911224037		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200907	091122404		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200905	091122403		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200903	091122402		11/20/2009 12:00	01/05/2010 1:58	FD
	NA	NA	BA4C	SE	BA4C02200901	091122401		11/20/2009 12:00	01/05/2010 1:58	FD

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	BA4C02200961-63 / MS	1	o,p'-DDT	25.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4C02200961-63 / SD	1	o,p'-DDT	27.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4C02200961-63 / MS	1	p,p'-DDT	15.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA4C02200961-63 / SD	1	p,p'-DDT	15.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C02200901	FD	o,p'-DDT	9.5	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200913-15	FD	p,p'-DDT	8.3	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200933-35	FD	o,p'-DDT	11.0	9.5 J	9.5 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200953-55	FD	o,p'-DDD	7.6	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200957-59	FD	o,p'-DDD	7.7	7.6 J	7.6 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200961-63	FD	o,p'-DDD	7.2	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200961-63	FD	o,p'-DDT	7.2	7.2 U	7.2 UJ	ug/kg	M
BNASIM/NONE	SE	BA4C02200961-63	FD	p,p'-DDT	7.2	7.2 U	7.2 UJ	ug/kg	M
BNASIM/NONE	SE	BA4C02200965-67	FD	p,p'-DDD	7.0	5.8 J	5.8 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200969-71	FD	p,p'-DDE	6.9	4.0 J	4.0 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200901	FD	2,4,4'-TRICHLOROBIPHENYL	9.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.7	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.7	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.7	6.6 J	6.6 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.7	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.7	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.7	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200905	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200905	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200905	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200905	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200905	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200905	FD	2,4,4'-TRICHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.1	3.2 J	3.2 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,4,4'-TRICHLOROBIPHENYL	8.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	PCB-138/158	8.3	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,4,4'-TRICHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.4	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	8.0 J	8.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200921-23	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,4,4'-TRICHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.6	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.6	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.6	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.6	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.6	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.6	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,4'-DICHLOROBIPHENYL	8.8	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.8	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.8	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.8	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	11.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	8.9 J	8.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,3,3',4,4',5-HEXACHLOROBIPHENYL	11.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	11.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	5.1 J	5.1 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200933-35	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',5-TRICHLOROBIPHENYL	9.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,4,4'-TRICHLOROBIPHENYL	9.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',5-TRICHLOROBIPHENYL	7.7	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,4,4'-TRICHLOROBIPHENYL	7.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	PCB-138/158	7.5	5.9 J	5.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200953-55	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200953-55	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200953-55	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200961-63	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200961-63	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200961-63	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200961-63	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200961-63	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C02200901	FD	o,p'-DDD	9.5	25.0	25.0	ug/kg	
BNASIM/NONE	SE	BA4C02200901	FD	p,p'-DDD	9.5	100	100	ug/kg	
BNASIM/NONE	SE	BA4C02200901	FD	o,p'-DDE	9.5	200	200	ug/kg	
BNASIM/NONE	SE	BA4C02200901	FD	p,p'-DDE	48.0	980 D	980	ug/kg	
BNASIM/NONE	SE	BA4C02200901	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.5	510	510	ug/kg	
BNASIM/NONE	SE	BA4C02200901	FD	1,1-bis(p-chlorophenyl)ethane	9.5	69.0	69.0	ug/kg	
BNASIM/NONE	SE	BA4C02200901	FD	o,p'-DDT	9.5	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200901	FD	p,p'-DDT	9.5	26.0	26.0	ug/kg	
BNASIM/NONE	SE	BA4C02200903	FD	o,p'-DDD	8.7	16.0	16.0	ug/kg	
BNASIM/NONE	SE	BA4C02200903	FD	p,p'-DDD	8.7	57.0	57.0	ug/kg	
BNASIM/NONE	SE	BA4C02200903	FD	o,p'-DDE	8.7	130	130	ug/kg	
BNASIM/NONE	SE	BA4C02200903	FD	p,p'-DDE	8.7	700	700	ug/kg	
BNASIM/NONE	SE	BA4C02200903	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.7	310	310	ug/kg	
BNASIM/NONE	SE	BA4C02200903	FD	1,1-bis(p-chlorophenyl)ethane	8.7	46.0	46.0	ug/kg	
BNASIM/NONE	SE	BA4C02200905	FD	o,p'-DDD	8.5	14.0	14.0	ug/kg	
BNASIM/NONE	SE	BA4C02200905	FD	p,p'-DDD	8.5	42.0	42.0	ug/kg	
BNASIM/NONE	SE	BA4C02200905	FD	o,p'-DDE	8.5	110	110	ug/kg	
BNASIM/NONE	SE	BA4C02200905	FD	p,p'-DDE	8.5	620	620	ug/kg	
BNASIM/NONE	SE	BA4C02200905	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.5	260	260	ug/kg	
BNASIM/NONE	SE	BA4C02200905	FD	1,1-bis(p-chlorophenyl)ethane	8.5	44.0	44.0	ug/kg	
BNASIM/NONE	SE	BA4C02200907	FD	o,p'-DDD	8.2	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA4C02200907	FD	p,p'-DDD	8.2	52.0	52.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C02200907	FD	o,p'-DDE	8.2	140	140	ug/kg	
BNASIM/NONE	SE	BA4C02200907	FD	p,p'-DDE	8.2	760	760	ug/kg	
BNASIM/NONE	SE	BA4C02200907	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.2	310	310	ug/kg	
BNASIM/NONE	SE	BA4C02200907	FD	1,1-bis(p-chlorophenyl)ethane	8.2	52.0	52.0	ug/kg	
BNASIM/NONE	SE	BA4C02200909-11	FD	o,p'-DDD	8.1	25.0	25.0	ug/kg	
BNASIM/NONE	SE	BA4C02200909-11	FD	p,p'-DDD	8.1	73.0	73.0	ug/kg	
BNASIM/NONE	SE	BA4C02200909-11	FD	o,p'-DDE	8.1	200	200	ug/kg	
BNASIM/NONE	SE	BA4C02200909-11	FD	p,p'-DDE	41.0	920 D	920	ug/kg	
BNASIM/NONE	SE	BA4C02200909-11	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.1	430	430	ug/kg	
BNASIM/NONE	SE	BA4C02200909-11	FD	1,1-bis(p-chlorophenyl)ethane	8.1	77.0	77.0	ug/kg	
BNASIM/NONE	SE	BA4C02200913-15	FD	o,p'-DDD	8.3	13.0	13.0	ug/kg	
BNASIM/NONE	SE	BA4C02200913-15	FD	p,p'-DDD	8.3	100	100	ug/kg	
BNASIM/NONE	SE	BA4C02200913-15	FD	o,p'-DDE	8.3	110	110	ug/kg	
BNASIM/NONE	SE	BA4C02200913-15	FD	p,p'-DDE	8.3	550	550	ug/kg	
BNASIM/NONE	SE	BA4C02200913-15	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	270	270	ug/kg	
BNASIM/NONE	SE	BA4C02200913-15	FD	1,1-bis(p-chlorophenyl)ethane	8.3	57.0	57.0	ug/kg	
BNASIM/NONE	SE	BA4C02200913-15	FD	p,p'-DDT	8.3	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200917-19	FD	o,p'-DDD	8.3	16.0	16.0	ug/kg	
BNASIM/NONE	SE	BA4C02200917-19	FD	p,p'-DDD	8.3	48.0	48.0	ug/kg	
BNASIM/NONE	SE	BA4C02200917-19	FD	o,p'-DDE	8.3	120	120	ug/kg	
BNASIM/NONE	SE	BA4C02200917-19	FD	p,p'-DDE	8.3	640	640	ug/kg	
BNASIM/NONE	SE	BA4C02200917-19	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.3	310	310	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C02200917-19	FD	1,1-bis(p-chlorophenyl)ethane	8.3	67.0	67.0	ug/kg	
BNASIM/NONE	SE	BA4C02200921-23	FD	o,p'-DDD	8.4	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA4C02200921-23	FD	p,p'-DDD	8.4	48.0	48.0	ug/kg	
BNASIM/NONE	SE	BA4C02200921-23	FD	o,p'-DDE	8.4	170	170	ug/kg	
BNASIM/NONE	SE	BA4C02200921-23	FD	p,p'-DDE	42.0	740 D	740	ug/kg	
BNASIM/NONE	SE	BA4C02200921-23	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.4	390	390	ug/kg	
BNASIM/NONE	SE	BA4C02200921-23	FD	1,1-bis(p-chlorophenyl)ethane	8.4	110	110	ug/kg	
BNASIM/NONE	SE	BA4C02200925-27	FD	o,p'-DDD	8.6	48.0	48.0	ug/kg	
BNASIM/NONE	SE	BA4C02200925-27	FD	p,p'-DDD	8.6	140	140	ug/kg	
BNASIM/NONE	SE	BA4C02200925-27	FD	o,p'-DDE	8.6	420	420	ug/kg	
BNASIM/NONE	SE	BA4C02200925-27	FD	p,p'-DDE	86.0	1500 D	1500	ug/kg	
BNASIM/NONE	SE	BA4C02200925-27	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	86.0	980 D	980	ug/kg	
BNASIM/NONE	SE	BA4C02200925-27	FD	1,1-bis(p-chlorophenyl)ethane	8.6	250	250	ug/kg	
BNASIM/NONE	SE	BA4C02200925-27	FD	o,p'-DDT	8.6	10.0	10.0	ug/kg	
BNASIM/NONE	SE	BA4C02200929-31	FD	o,p'-DDD	8.8	110	110	ug/kg	
BNASIM/NONE	SE	BA4C02200929-31	FD	p,p'-DDD	8.8	290	290	ug/kg	
BNASIM/NONE	SE	BA4C02200929-31	FD	o,p'-DDE	88.0	780 D	780	ug/kg	
BNASIM/NONE	SE	BA4C02200929-31	FD	p,p'-DDE	88.0	3600 D	3600	ug/kg	
BNASIM/NONE	SE	BA4C02200929-31	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	88.0	2400 D	2400	ug/kg	
BNASIM/NONE	SE	BA4C02200929-31	FD	1,1-bis(p-chlorophenyl)ethane	8.8	470	470	ug/kg	
BNASIM/NONE	SE	BA4C02200929-31	FD	o,p'-DDT	8.8	11.0	11.0	ug/kg	
BNASIM/NONE	SE	BA4C02200933-35	FD	o,p'-DDD	11.0	76.0	76.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C02200933-35	FD	p,p'-DDD	11.0	190	190	ug/kg	
BNASIM/NONE	SE	BA4C02200933-35	FD	o,p'-DDE	11.0	830	830	ug/kg	
BNASIM/NONE	SE	BA4C02200933-35	FD	p,p'-DDE	110	3800 D	3800	ug/kg	
BNASIM/NONE	SE	BA4C02200933-35	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	110	1900 D	1900	ug/kg	
BNASIM/NONE	SE	BA4C02200933-35	FD	1,1-bis(p-chlorophenyl)ethane	11.0	340	340	ug/kg	
BNASIM/NONE	SE	BA4C02200933-35	FD	o,p'-DDT	11.0	9.5 J	9.5 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200937-39	FD	o,p'-DDD	9.0	53.0	53.0	ug/kg	
BNASIM/NONE	SE	BA4C02200937-39	FD	p,p'-DDD	9.0	180	180	ug/kg	
BNASIM/NONE	SE	BA4C02200937-39	FD	o,p'-DDE	9.0	240	240	ug/kg	
BNASIM/NONE	SE	BA4C02200937-39	FD	p,p'-DDE	45.0	1300 D	1300	ug/kg	
BNASIM/NONE	SE	BA4C02200937-39	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	9.0	520	520	ug/kg	
BNASIM/NONE	SE	BA4C02200937-39	FD	1,1-bis(p-chlorophenyl)ethane	9.0	160	160	ug/kg	
BNASIM/NONE	SE	BA4C02200941-43	FD	o,p'-DDD	7.7	23.0	23.0	ug/kg	
BNASIM/NONE	SE	BA4C02200941-43	FD	p,p'-DDD	7.7	64.0	64.0	ug/kg	
BNASIM/NONE	SE	BA4C02200941-43	FD	o,p'-DDE	7.7	150	150	ug/kg	
BNASIM/NONE	SE	BA4C02200941-43	FD	p,p'-DDE	7.7	580	580	ug/kg	
BNASIM/NONE	SE	BA4C02200941-43	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	660	660	ug/kg	
BNASIM/NONE	SE	BA4C02200941-43	FD	1,1-bis(p-chlorophenyl)ethane	7.7	140	140	ug/kg	
BNASIM/NONE	SE	BA4C02200945-47	FD	o,p'-DDD	7.5	13.0	13.0	ug/kg	
BNASIM/NONE	SE	BA4C02200945-47	FD	p,p'-DDD	7.5	39.0	39.0	ug/kg	
BNASIM/NONE	SE	BA4C02200945-47	FD	o,p'-DDE	7.5	88.0	88.0	ug/kg	
BNASIM/NONE	SE	BA4C02200945-47	FD	p,p'-DDE	7.5	250	250	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C02200945-47	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.5	510	510	ug/kg	
BNASIM/NONE	SE	BA4C02200945-47	FD	1,1-bis(p-chlorophenyl)ethane	7.5	100	100	ug/kg	
BNASIM/NONE	SE	BA4C02200949-51	FD	p,p'-DDD	7.4	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA4C02200949-51	FD	o,p'-DDE	7.4	22.0	22.0	ug/kg	
BNASIM/NONE	SE	BA4C02200949-51	FD	p,p'-DDE	7.4	86.0	86.0	ug/kg	
BNASIM/NONE	SE	BA4C02200949-51	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	100	100	ug/kg	
BNASIM/NONE	SE	BA4C02200949-51	FD	1,1-bis(p-chlorophenyl)ethane	7.4	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA4C02200953-55	FD	o,p'-DDD	7.6	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200953-55	FD	p,p'-DDD	7.6	14.0	14.0	ug/kg	
BNASIM/NONE	SE	BA4C02200953-55	FD	o,p'-DDE	7.6	44.0	44.0	ug/kg	
BNASIM/NONE	SE	BA4C02200953-55	FD	p,p'-DDE	7.6	210	210	ug/kg	
BNASIM/NONE	SE	BA4C02200953-55	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	130	130	ug/kg	
BNASIM/NONE	SE	BA4C02200953-55	FD	1,1-bis(p-chlorophenyl)ethane	7.6	22.0	22.0	ug/kg	
BNASIM/NONE	SE	BA4C02200957-59	FD	o,p'-DDD	7.7	7.6 J	7.6 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200957-59	FD	p,p'-DDD	7.7	19.0	19.0	ug/kg	
BNASIM/NONE	SE	BA4C02200957-59	FD	o,p'-DDE	7.7	65.0	65.0	ug/kg	
BNASIM/NONE	SE	BA4C02200957-59	FD	p,p'-DDE	7.7	270	270	ug/kg	
BNASIM/NONE	SE	BA4C02200957-59	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.7	250	250	ug/kg	
BNASIM/NONE	SE	BA4C02200957-59	FD	1,1-bis(p-chlorophenyl)ethane	7.7	40.0	40.0	ug/kg	
BNASIM/NONE	SE	BA4C02200961-63	FD	o,p'-DDD	7.2	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200961-63	FD	p,p'-DDD	7.2	9.9	9.9	ug/kg	
BNASIM/NONE	SE	BA4C02200961-63	FD	o,p'-DDE	7.2	40.0	40.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA4C02200961-63	FD	p,p'-DDE	7.2	150	150	ug/kg	
BNASIM/NONE	SE	BA4C02200961-63	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	160	160	ug/kg	
BNASIM/NONE	SE	BA4C02200961-63	FD	1,1-bis(p-chlorophenyl)ethane	7.2	39.0	39.0	ug/kg	
BNASIM/NONE	SE	BA4C02200965-67	FD	p,p'-DDD	7.0	5.8 J	5.8 J	ug/kg	TR
BNASIM/NONE	SE	BA4C02200965-67	FD	o,p'-DDE	7.0	23.0	23.0	ug/kg	
BNASIM/NONE	SE	BA4C02200965-67	FD	p,p'-DDE	7.0	85.0	85.0	ug/kg	
BNASIM/NONE	SE	BA4C02200965-67	FD	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	100	100	ug/kg	
BNASIM/NONE	SE	BA4C02200965-67	FD	1,1-bis(p-chlorophenyl)ethane	7.0	21.0	21.0	ug/kg	
BNASIM/NONE	SE	BA4C02200969-71	FD	p,p'-DDE	6.9	4.0 J	4.0 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.5	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.5	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.5	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200901	FD	PCB-138/158	9.5	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.5	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200901	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.5	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200901	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	9.5	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	9.2 J	9.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200901	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.5	13.0	13.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200901	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.5	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200901	FD	2,4,4'-TRICHLOROBIPHENYL	9.5	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.7	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.7	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200903	FD	PCB-138/158	8.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.7	9.9	9.9	ug/kg	
PCBSIM/NONE	SE	BA4C02200903	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.7	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	8.7	9.5	9.5	ug/kg	
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.7	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.7	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200903	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.7	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200905	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200905	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	BA4C02200905	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.5	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	BA4C02200905	FD	PCB-138/158	8.5	9.8	9.8	ug/kg	
PCBSIM/NONE	SE	BA4C02200905	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	8.7	8.7	ug/kg	
PCBSIM/NONE	SE	BA4C02200905	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200905	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200905	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200905	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	6.8 J	6.8 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200905	FD	2,4,4'-TRICHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.2	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200907	FD	PCB-138/158	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200907	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.2	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	8.2	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.2	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.2	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200907	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	9.1	9.1	ug/kg	
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.1	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.1	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.1	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200909-11	FD	PCB-138/158	8.1	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.1	15.0	15.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.1	8.4	8.4	ug/kg	
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	8.1	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.1	8.9	8.9	ug/kg	
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.1	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.1	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200909-11	FD	2,4,4'-TRICHLOROBIPHENYL	8.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	PCB-138/158	8.3	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200913-15	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.3	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	9.4	9.4	ug/kg	
PCBSIM/NONE	SE	BA4C02200917-19	FD	PCB-138/158	8.3	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.3	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	8.3	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.3	6.2 J	6.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.3	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200917-19	FD	2,4,4'-TRICHLOROBIPHENYL	8.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.4	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.4	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.4	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.4	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	PCB-138/158	8.4	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.4	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	8.4	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200921-23	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.4	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200921-23	FD	2,4,4'-TRICHLOROBIPHENYL	8.4	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.6	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.6	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.6	8.0 J	8.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.6	8.3 J	8.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.6	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.6	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.6	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.6	8.0 J	8.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	PCB-138/158	8.6	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.6	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.6	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	8.6	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.6	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.6	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.6	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200925-27	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,2',5-TRICHLOROBIPHENYL	8.6	9.2	9.2	ug/kg	
PCBSIM/NONE	SE	BA4C02200925-27	FD	2,4,4'-TRICHLOROBIPHENYL	8.6	9.3	9.3	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,4'-DICHLOROBIPHENYL	8.8	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.8	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.8	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.8	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.8	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	58.0	58.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.8	11.0	11.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.8	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	8.8	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.8	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	8.8	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	8.8	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	PCB-138/158	8.8	64.0	64.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.8	66.0	66.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.8	39.0	39.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	8.8	59.0	59.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	8.8	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	40.0	40.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',5,5'-TETRACHLOROBIPHENYL	8.8	53.0	53.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,3',4,4'-TETRACHLOROBIPHENYL	8.8	55.0	55.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	3,3',4,4'-TETRACHLOROBIPHENYL	8.8	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,2',5-TRICHLOROBIPHENYL	8.8	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200929-31	FD	2,4,4'-TRICHLOROBIPHENYL	8.8	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	11.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	8.9 J	8.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	7.6 J	7.6 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,3,3',4,4',5-HEXACHLOROBIPHENYL	11.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	11.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	PCB-138/158	11.0	42.0	42.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	60.0	60.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	32.0	32.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	11.0	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	48.0	48.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	49.0	49.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,2',5-TRICHLOROBIPHENYL	11.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200933-35	FD	2,4,4'-TRICHLOROBIPHENYL	11.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200937-39	FD	PCB-138/158	9.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.0	15.0	15.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	9.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200937-39	FD	3,3',4,4',5-PENTACHLOROBIPHENYL	9.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',3,5'-TETRACHLOROBIPHENYL	9.0	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,3',4,4'-TETRACHLOROBIPHENYL	9.0	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200937-39	FD	3,3',4,4'-TETRACHLOROBIPHENYL	9.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,2',5-TRICHLOROBIPHENYL	9.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200937-39	FD	2,4,4'-TRICHLOROBIPHENYL	9.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200941-43	FD	PCB-138/158	7.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	7.7	9.6	9.6	ug/kg	
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	9.0	9.0	ug/kg	
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,2',5-TRICHLOROBIPHENYL	7.7	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200941-43	FD	2,4,4'-TRICHLOROBIPHENYL	7.7	4.0 J	4.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	PCB-138/158	7.5	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	7.5	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200945-47	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200953-55	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200953-55	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200953-55	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	7.6	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.7	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200957-59	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200961-63	FD	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200961-63	FD	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200961-63	FD	2,3',4,4',5-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA4C02200961-63	FD	2,2',5,5'-TETRACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA4C02200961-63	FD	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA4C02200901	FD	Moisture	0.10	47.6	47.6	PERCENT	
D2216/NONE	SE	BA4C02200903	FD	Moisture	0.10	42.5	42.5	PERCENT	
D2216/NONE	SE	BA4C02200905	FD	Moisture	0.10	40.9	40.9	PERCENT	
D2216/NONE	SE	BA4C02200907	FD	Moisture	0.10	38.8	38.8	PERCENT	
D2216/NONE	SE	BA4C02200909-11	FD	Moisture	0.10	38.6	38.6	PERCENT	
D2216/NONE	SE	BA4C02200913-15	FD	Moisture	0.10	39.9	39.9	PERCENT	
D2216/NONE	SE	BA4C02200917-19	FD	Moisture	0.10	39.5	39.5	PERCENT	
D2216/NONE	SE	BA4C02200921-23	FD	Moisture	0.10	40.8	40.8	PERCENT	
D2216/NONE	SE	BA4C02200925-27	FD	Moisture	0.10	41.9	41.9	PERCENT	
D2216/NONE	SE	BA4C02200929-31	FD	Moisture	0.10	43.0	43.0	PERCENT	
D2216/NONE	SE	BA4C02200933-35	FD	Moisture	0.10	53.1	53.1	PERCENT	
D2216/NONE	SE	BA4C02200937-39	FD	Moisture	0.10	44.6	44.6	PERCENT	
D2216/NONE	SE	BA4C02200941-43	FD	Moisture	0.10	35.4	35.4	PERCENT	
D2216/NONE	SE	BA4C02200945-47	FD	Moisture	0.10	33.1	33.1	PERCENT	
D2216/NONE	SE	BA4C02200949-51	FD	Moisture	0.10	32.7	32.7	PERCENT	
D2216/NONE	SE	BA4C02200953-55	FD	Moisture	0.10	34.4	34.4	PERCENT	
D2216/NONE	SE	BA4C02200957-59	FD	Moisture	0.10	34.7	34.7	PERCENT	
D2216/NONE	SE	BA4C02200961-63	FD	Moisture	0.10	30.5	30.5	PERCENT	
D2216/NONE	SE	BA4C02200965-67	FD	Moisture	0.10	28.7	28.7	PERCENT	
D2216/NONE	SE	BA4C02200969-71	FD	Moisture	0.10	27.4	27.4	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA4C02200901	FD	Total Organic Carbon	0.095	2.3	2.3	PERCENT	
SW9060/NONE	SE	BA4C02200903	FD	Total Organic Carbon	0.087	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA4C02200905	FD	Total Organic Carbon	0.085	2.5	2.5	PERCENT	
SW9060/NONE	SE	BA4C02200907	FD	Total Organic Carbon	0.082	2.1	2.1	PERCENT	
SW9060/NONE	SE	BA4C02200909-11	FD	Total Organic Carbon	0.081	2.4	2.4	PERCENT	
SW9060/NONE	SE	BA4C02200913-15	FD	Total Organic Carbon	0.083	2.5	2.5	PERCENT	
SW9060/NONE	SE	BA4C02200917-19	FD	Total Organic Carbon	0.083	2.6	2.6	PERCENT	
SW9060/NONE	SE	BA4C02200921-23	FD	Total Organic Carbon	0.084	2.9	2.9	PERCENT	
SW9060/NONE	SE	BA4C02200925-27	FD	Total Organic Carbon	0.086	2.9	2.9	PERCENT	
SW9060/NONE	SE	BA4C02200929-31	FD	Total Organic Carbon	0.088	2.6	2.6	PERCENT	
SW9060/NONE	SE	BA4C02200933-35	FD	Total Organic Carbon	0.11	4.4	4.4	PERCENT	
SW9060/NONE	SE	BA4C02200937-39	FD	Total Organic Carbon	0.090	2.7	2.7	PERCENT	
SW9060/NONE	SE	BA4C02200941-43	FD	Total Organic Carbon	0.077	1.6	1.6	PERCENT	
SW9060/NONE	SE	BA4C02200945-47	FD	Total Organic Carbon	0.075	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA4C02200949-51	FD	Total Organic Carbon	0.074	1.5	1.5	PERCENT	
SW9060/NONE	SE	BA4C02200953-55	FD	Total Organic Carbon	0.076	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA4C02200957-59	FD	Total Organic Carbon	0.077	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA4C02200961-63	FD	Total Organic Carbon	0.072	1.2	1.2	PERCENT	
SW9060/NONE	SE	BA4C02200965-67	FD	Total Organic Carbon	0.070	1.6	1.6	PERCENT	
SW9060/NONE	SE	BA4C02200969-71	FD	Total Organic Carbon	0.069	1.1	1.1	PERCENT	

Rejected Results

ADR CASE NARRATIVE

Laboratory ID: SDG 09112241

Prior to loading and processing data, modifications to the project setup may be requested by the laboratory and/or contractor, and approved by the client. These modifications allow the loading of data that was not in complete agreement with the project guidance document; in some cases, variances to the project document may be in process, in others, the changes are required to accept data that had not been generated in compliance with the project guidance document. All project setup modifications are listed below:

There were no project setup modifications associated with this sample delivery group.

Data Verification

The data verification process includes a manual review of information on the chains of custody and laboratory case narratives, a check of all rejected results and a minimum of 10 percent of sample and QC results for consistency with hard copy reports, and a cursory review of all reports generated during the automated review process. The following comments are associated with the verification process:

There were no data verification findings associated with this sample delivery group that require discussion beyond that summarized in the attached reports.

All of the reports utilized during the data verification process are provided as attachments to this report.

AUTOMATED DATA REVIEW SUMMARY for 09112241

Facility: EPA, Region 9

Event: PV Shelf - Sediment

Guidance Document: PV Shelf SAP November 2009

Contract Laboratory: CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA

Field Contractor: Not Applicable

Data Review Contractor: Synectics, Sacramento, CA

SDG: 09112241, Certified - 1/29/2010AM by DanielleGonsman

QC Level: ADR

Project Manager:

Data Reviewer: Leticia Sangalang

Data Reviewer Title: Senior Scientist

Date of Review Report: 08-Feb-2010

Samples Included in SDG 09112241

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
BNASIM/NONE	18	0
D2216/NONE	18	0
PCBSIM/NONE	18	0
SW9060/NONE	18	0

AUTOMATED DATA REVIEW SUMMARY for 09112241

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistant with the requirements contained in the PV Shelf SAP November 2009 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Innovative Technical Solutions, Inc., Walnut Creek, CA; analyses were performed by CALSCIENCE ENVIRONMENTAL LABS, INC., GARDEN GROVE, CA and were reported under sample delivery group (SDG) 09112241. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Blank

Prep Hold Time

MS Recovery

Test Hold Time

Lab Replicate RPD

MS RPD

Surrogate

BS RPD

LCS Recovery

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

AUTOMATED DATA REVIEW SUMMARY for 09112241

Confirmation Column Difference

Field Blank

Calibration Blank - Negative

Continuing Calibration Verification

Field Duplicate RPD

Trip Blank

Negative Blank

Calibration Blank

Equip Blank

AUTOMATED DATA REVIEW SUMMARY for 09112241

A minimum of ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

Out of control events experienced by the laboratory have warranted the qualification of 0.23% (2 results) and the rejection of 0.00% (0 results) of the data set. These deficiencies are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

See ADR Case Narrative.

AUTOMATED DATA REVIEW SUMMARY for 09112241

Evin McKinney

08-Feb-2010

Released by Leticia Sangalang, Senior Scientist

Reason and Comment Code Definitions

Comments

Code	Definition
C1	Diluted Out
C2	Flag Parent Only
C2S	Flag Parent (Soil); Batch (Water)
C3	No Action
C4	No QC Outliers
C5	One or both values <5x RL
C6	Recalculated Value
C7	Material Blanks
C8	Spike Insignificant
C9	No Flags; set to ND by method/cal. blank

Reasons

Code	Definition
A	Serial dilution
A1	Ambient Blank
B	Calibration Blank - Negative
	Negative Blank
B1	Blank
B2	Calibration Blank
C	Continuing Calibration Verification RRF
	Continuing Calibration Verification

Reason and Comment Code Definitions

D	Field Duplicate RPD
	BS RPD
D1	Lab Replicate RPD
D2	MS RPD
E	Exceeds LinearCalibration Range
F	Hydrocarbon pattern does not match standard
G	Initial Calibration RRF
	Initial Calibration RSD
H	Test Hold Time
	Prep Hold Time
I	Internal standard
J	CRA/CRI Recovery
K1	Equip Blank
K2	Field Blank
K3	Trip Blank
L	LCS Recovery
M	MS Recovery
N	Blank - No Action
O	Interference check sample
P	Confirmation Column Difference
Q	Material Blank
S	Surrogate
T	Receipt Temperature
TI	Tentatively Identified Compound

Reason and Comment Code Definitions

TR	Trace Level Detect
V	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Analyte not confirmed on second column
Y1	False Positive
Z	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 09112241

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091204L08	091204L08	NA	LABQC	SQ	LABQC	0991301334		12/04/2009 12:00	12/29/2009 10:57	LB
	091204L08	NA	LABQC	SQ	LABQC	0991301334		12/04/2009 12:00	12/29/2009 11:21	BS
	091204L08	NA	LABQC	SQ	LABQC	0991301334		12/04/2009 12:00	12/29/2009 11:45	BD
091204S08	091204L08	NA	BA6B	SE	BA6B01200901	091122411		11/20/2009 12:00	12/29/2009 7:42	N
	091204L08	NA	BA6B	SE	BA6B01200901	091122411		11/20/2009 12:00	12/29/2009 7:42	N
	091204L08	NA	BA6B	SE	BA6B01200903	091122412		11/20/2009 12:00	12/29/2009 8:06	N
	091204L08	NA	BA6B	SE	BA6B01200903	091122412		11/20/2009 12:00	12/29/2009 8:06	N
	091204L08	NA	BA6B	SE	BA6B01200905	091122413		11/20/2009 12:00	12/29/2009 8:29	N
	091204L08	NA	BA6B	SE	BA6B01200905	091122413		11/20/2009 12:00	12/29/2009 8:29	N
	091204L08	NA	BA6B	SE	BA6B01200907	091122414		11/20/2009 12:00	12/29/2009 8:53	N
	091204L08	NA	BA6B	SE	BA6B01200907	091122414		11/20/2009 12:00	12/29/2009 8:53	N
	091204L08	NA	BA6B	SE	BA6B01200909-11	0911224133		11/20/2009 12:00	12/29/2009 9:17	N
	091204L08	NA	BA6B	SE	BA6B01200909-11	0911224133		11/20/2009 12:00	12/29/2009 9:17	N
	091204L08	NA	BA6B	SE	BA6B01200913-15	0911224134		11/20/2009 12:00	12/29/2009 9:40	N
	091204L08	NA	BA6B	SE	BA6B01200913-15	0911224134		11/20/2009 12:00	12/29/2009 9:40	N
	091204L08	NA	BA6B	SE	BA6B01200917-19	0911224135		11/20/2009 12:00	12/29/2009 10:04	N
	091204L08	NA	BA6B	SE	BA6B01200917-19	0911224135		11/20/2009 12:00	12/29/2009 10:04	N
	091204L08	NA	BA6B	SE	BA6B01200921-23	0911224136		11/20/2009 12:00	12/29/2009 10:28	N
	091204L08	NA	BA6B	SE	BA6B01200921-23	0911224136		11/20/2009 12:00	12/29/2009 10:28	N
	091204L08	NA	BA6B	SE	BA6B01200925-27	0911224137		11/20/2009 12:00	12/29/2009 10:51	N
	091204L08	NA	BA6B	SE	BA6B01200925-27	0911224137		11/20/2009 12:00	12/29/2009 10:51	N
	091204L08	NA	BA6B	SE	BA6B01200929-31	0911224138		11/20/2009 12:00	12/29/2009 11:15	N
	091204L08	NA	BA6B	SE	BA6B01200929-31	0911224138		11/20/2009 12:00	12/29/2009 11:15	N
	091204L08	NA	BA6B	SE	BA6B01200933-35	0911224139		11/20/2009 12:00	12/29/2009 11:38	N
	091204L08	NA	BA6B	SE	BA6B01200933-35	0911224139		11/20/2009 12:00	12/29/2009 11:38	N
091204S08P	091204L08	NA	BA6B	SE	BA6B01200937-39	0911224140		11/20/2009 12:00	12/30/2009 12:02	N
	091204L08	NA	BA6B	SE	BA6B01200937-39	0911224140		11/20/2009 12:00	12/30/2009 12:02	N

AUTOMATED DATA REVIEW SUMMARY for 09112241

Batch Report

Test Method: BNASIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091204S08	091204L08	NA	BA6B	SE	BA6B01200941-43	0911224141		11/20/2009 12:00	12/30/2009 12:26	N
	091204L08	NA	BA6B	SE	BA6B01200941-43	0911224141		11/20/2009 12:00	12/30/2009 12:26	N
	091204L08	NA	BA6B	SE	BA6B01200945-47	0911224142		11/20/2009 12:00	12/30/2009 12:49	N
	091204L08	NA	BA6B	SE	BA6B01200945-47	0911224142		11/20/2009 12:00	12/30/2009 12:49	N
	091204L08	NA	BA6B	SE	BA6B01200949-51	0911224143		11/20/2009 12:00	12/30/2009 1:13	N
	091204L08	NA	BA6B	SE	BA6B01200949-51	0911224143		11/20/2009 12:00	12/30/2009 1:13	N
	091204L08	NA	BA6B	SE	BA6B01200953-55	0911224144		11/20/2009 12:00	12/30/2009 1:36	N
	091204L08	NA	BA6B	SE	BA6B01200953-55	0911224144		11/20/2009 12:00	12/30/2009 1:36	N
	091204L08	NA	BA6B	SE	BA6B01200957-59	0911224145		11/20/2009 12:00	12/30/2009 2:00	N
	091204L08	NA	BA6B	SE	BA6B01200957-59	0911224145		11/20/2009 12:00	12/30/2009 2:00	N
	091204L08	NA	BA6B	SE	BA6B01200961-63	0911224146		11/20/2009 12:00	12/30/2009 2:23	N
	091204L08	NA	BA6B	SE	BA6B01200961-63	0911224146		11/20/2009 12:00	12/30/2009 2:23	N
	091204L08	NA	BA6B	SE	BA6B01200929-31	0911224138		11/20/2009 12:00	12/30/2009 11:12	MS
	091204L08	NA	BA6B	SE	BA6B01200929-31	0911224138		11/20/2009 12:00	12/30/2009 11:36	SD
	091204L08	NA	BA6B	SE	BA6B01200903	091122412		11/20/2009 12:00	12/30/2009 12:47	N
	091204L08	NA	BA6B	SE	BA6B01200905	091122413		11/20/2009 12:00	12/30/2009 1:10	N
	091204L08	NA	BA6B	SE	BA6B01200907	091122414		11/20/2009 12:00	12/30/2009 1:34	N
	091204L08	NA	BA6B	SE	BA6B01200909-11	0911224133		11/20/2009 12:00	12/30/2009 1:57	N
	091204L08	NA	BA6B	SE	BA6B01200913-15	0911224134		11/20/2009 12:00	12/30/2009 2:21	N
	091204L08	NA	BA6B	SE	BA6B01200917-19	0911224135		11/20/2009 12:00	12/30/2009 2:44	N
	091204L08	NA	BA6B	SE	BA6B01200921-23	0911224136		11/20/2009 12:00	12/30/2009 3:08	N

AUTOMATED DATA REVIEW SUMMARY for 09112241

Batch Report

Test Method: D2216; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
91206MOID3	NA	NA	BA6B	SE	BA6B01200929-31	0911224138		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200925-27	0911224137		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200921-23	0911224136		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200945-47	0911224142		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200941-43	0911224141		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200937-39	0911224140		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200933-35	0911224139		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200909-11	0911224133		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200917-19	0911224135		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200913-15	0911224134		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200907	091122414		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200905	091122413		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200903	091122412		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200901	091122411		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200949-51	0911224143		11/20/2009 12:00	12/06/2009 4:00	LR
	NA	NA	BA6B	SE	BA6B01200957-59	0911224145		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200953-55	0911224144		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200949-51	0911224143		11/20/2009 12:00	12/06/2009 4:00	N
	NA	NA	BA6B	SE	BA6B01200961-63	0911224146		11/20/2009 12:00	12/06/2009 4:00	N
91206MOIB3	NA	NA	LABQC	SQ	LABQC	099050141620		12/06/2009 4:00	12/06/2009 4:00	LB

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091204S10	091204L10	NA	BA6B	SE	BA6B01200901	091122411		11/20/2009 12:00	12/21/2009 9:15	N
	091204L10	NA	BA6B	SE	BA6B01200901	091122411		11/20/2009 12:00	12/21/2009 9:15	N
	091204L10	NA	BA6B	SE	BA6B01200903	091122412		11/20/2009 12:00	12/21/2009 9:45	N
	091204L10	NA	BA6B	SE	BA6B01200903	091122412		11/20/2009 12:00	12/21/2009 9:45	N

AUTOMATED DATA REVIEW SUMMARY for 09112241

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091204S10	091204L10	NA	BA6B	SE	BA6B01200905	091122413		11/20/2009 12:00	12/21/2009 10:15	N
	091204L10	NA	BA6B	SE	BA6B01200905	091122413		11/20/2009 12:00	12/21/2009 10:15	N
	091204L10	NA	BA6B	SE	BA6B01200907	091122414		11/20/2009 12:00	12/21/2009 10:46	N
	091204L10	NA	BA6B	SE	BA6B01200907	091122414		11/20/2009 12:00	12/21/2009 10:46	N
	091204L10	NA	BA6B	SE	BA6B01200909-11	0911224133		11/20/2009 12:00	12/21/2009 11:19	N
	091204L10	NA	BA6B	SE	BA6B01200909-11	0911224133		11/20/2009 12:00	12/21/2009 11:19	N
	091204L10	NA	BA6B	SE	BA6B01200913-15	0911224134		11/20/2009 12:00	12/21/2009 11:50	N
	091204L10	NA	BA6B	SE	BA6B01200913-15	0911224134		11/20/2009 12:00	12/21/2009 11:50	N
	091204L10	NA	BA6B	SE	BA6B01200917-19	0911224135		11/20/2009 12:00	12/22/2009 12:22	N
	091204L10	NA	BA6B	SE	BA6B01200917-19	0911224135		11/20/2009 12:00	12/22/2009 12:22	N
	091204L10	NA	BA6B	SE	BA6B01200921-23	0911224136		11/20/2009 12:00	12/22/2009 12:52	N
	091204L10	NA	BA6B	SE	BA6B01200921-23	0911224136		11/20/2009 12:00	12/22/2009 12:52	N
	091204L10	NA	BA6B	SE	BA6B01200925-27	0911224137		11/20/2009 12:00	12/22/2009 1:22	N
	091204L10	NA	BA6B	SE	BA6B01200925-27	0911224137		11/20/2009 12:00	12/22/2009 1:22	N
	091204L10	NA	BA6B	SE	BA6B01200929-31	0911224138		11/20/2009 12:00	12/22/2009 1:51	N
	091204L10	NA	BA6B	SE	BA6B01200929-31	0911224138		11/20/2009 12:00	12/22/2009 1:51	N
	091204L10	NA	BA6B	SE	BA6B01200933-35	0911224139		11/20/2009 12:00	12/22/2009 2:22	N
	091204L10	NA	BA6B	SE	BA6B01200933-35	0911224139		11/20/2009 12:00	12/22/2009 2:22	N
	091204L10	NA	BA6B	SE	BA6B01200937-39	0911224140		11/20/2009 12:00	12/22/2009 2:51	N
	091204L10	NA	BA6B	SE	BA6B01200937-39	0911224140		11/20/2009 12:00	12/22/2009 2:51	N
	091204L10	NA	BA6B	SE	BA6B01200941-43	0911224141		11/20/2009 12:00	12/22/2009 3:21	N
	091204L10	NA	BA6B	SE	BA6B01200941-43	0911224141		11/20/2009 12:00	12/22/2009 3:21	N
	091204L10	NA	BA6B	SE	BA6B01200945-47	0911224142		11/20/2009 12:00	12/22/2009 3:51	N
	091204L10	NA	BA6B	SE	BA6B01200945-47	0911224142		11/20/2009 12:00	12/22/2009 3:51	N
	091204L10	NA	BA6B	SE	BA6B01200949-51	0911224143		11/20/2009 12:00	12/22/2009 4:23	N
	091204L10	NA	BA6B	SE	BA6B01200949-51	0911224143		11/20/2009 12:00	12/22/2009 4:23	N
	091204L10	NA	BA6B	SE	BA6B01200953-55	0911224144		11/20/2009 12:00	12/22/2009 12:11	N
	091204L10	NA	BA6B	SE	BA6B01200953-55	0911224144		11/20/2009 12:00	12/22/2009 12:11	N

AUTOMATED DATA REVIEW SUMMARY for 09112241

Batch Report

Test Method: PCBSIM; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
091204L10	091204L10	NA	LABQC	SQ	LABQC	0991301767		12/04/2009 12:00	12/22/2009 6:10	LB
091204S10	091204L10	NA	BA6B	SE	BA6B01200957-59	0911224145		11/20/2009 12:00	12/22/2009 6:40	N
	091204L10	NA	BA6B	SE	BA6B01200957-59	0911224145		11/20/2009 12:00	12/22/2009 6:40	N
	091204L10	NA	BA6B	SE	BA6B01200961-63	0911224146		11/20/2009 12:00	12/22/2009 7:10	N
	091204L10	NA	BA6B	SE	BA6B01200961-63	0911224146		11/20/2009 12:00	12/22/2009 7:10	N
	091204L10	NA	BA6B	SE	BA6B01200961-63	0911224146		11/20/2009 12:00	12/23/2009 10:32	MS
	091204L10	NA	BA6B	SE	BA6B01200961-63	0911224146		11/20/2009 12:00	12/23/2009 11:00	SD
091204L10	091204L10	NA	LABQC	SQ	LABQC	0991301767		12/04/2009 12:00	12/26/2009 6:24	BS
	091204L10	NA	LABQC	SQ	LABQC	0991301767		12/04/2009 12:00	12/26/2009 6:52	BD

AUTOMATED DATA REVIEW SUMMARY for 09112241

Batch Report

Test Method: SW9060; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Collection Date/Time	Analysis Date/Time	Sample Type
A0106TOCS1	NA	NA	BA6B	SE	BA6B01200961-63	0911224146		11/20/2009 12:00	01/06/2010 6:30	SD
	NA	NA	BA6B	SE	BA6B01200961-63	0911224146		11/20/2009 12:00	01/06/2010 6:30	N
A0106TOCL1	NA	NA	LABQC	SQ	LABQC	09906013449		01/06/2010 6:30	01/06/2010 6:30	BS
	NA	NA	LABQC	SQ	LABQC	09906013449		01/06/2010 6:30	01/06/2010 6:30	LB
A0106TOCS1	NA	NA	BA6B	SE	BA6B01200961-63	0911224146		11/20/2009 12:00	01/06/2010 6:30	MS
	NA	NA	BA6B	SE	BA6B01200957-59	0911224145		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200953-55	0911224144		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200949-51	0911224143		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200945-47	0911224142		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200941-43	0911224141		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200937-39	0911224140		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200933-35	0911224139		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200929-31	0911224138		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200925-27	0911224137		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200921-23	0911224136		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200917-19	0911224135		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200913-15	0911224134		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200909-11	0911224133		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200907	091122414		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200905	091122413		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200903	091122412		11/20/2009 12:00	01/06/2010 6:30	N
	NA	NA	BA6B	SE	BA6B01200901	091122411		11/20/2009 12:00	01/06/2010 6:30	N

AUTOMATED DATA REVIEW SUMMARY for 09112241

QC Outlier Report

Test/Prep	QC Element	Sample ID / Type	Dil'n	Analyte	Result	Units	Qualifier	Warning Limits	Control Limits	Reason	Comment
BNASIM / SW3545	MS Recovery	BA6B01200929-31 / SD	1	o,p'-DDT	38.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS Recovery	BA6B01200929-31 / SD	1	p,p'-DDT	28.0	PERCENT	J/UJ	50 - 125	10 - 135	M	C2
BNASIM / SW3545	MS RPD	BA6B01200929-31 / SD	1	o,p'-DDT	76.4	RPD	J/UJ	< 30	< 60	D2	C2
BNASIM / SW3545	MS RPD	BA6B01200929-31 / SD	1	p,p'-DDT	110	RPD	J/UJ	< 30	< 60	D2	C2

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	13.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	13.0	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	13.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	9.8 J	9.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	12.0 J	12.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	12.0 J	12.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,4,4'-TRICHLOROBIPHENYL	13.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	11.0	8.2 J	8.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200903	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	11.0	9.8 J	9.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200903	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200903	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200903	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200905	N	2,4'-DICHLOROBIPHENYL	11.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	11.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200905	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200905	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200907	N	2,4'-DICHLOROBIPHENYL	11.0	6.7 J	6.7 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200907	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	11.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200909-11	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200909-11	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	13.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	13.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	13.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	13.0	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2,4'-DICHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	12.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	12.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	PCB-138/158	8.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.0	2.9 J	2.9 J	ug/kg	TR

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA6B01200903	N	o,p'-DDT	11.0	9.2 J	9.2 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200921-23	N	p,p'-DDT	8.5	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200929-31	N	o,p'-DDD	7.3	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200929-31	N	o,p'-DDT	7.3	7.3 U	7.3 UJ	ug/kg	MD2
BNASIM/NONE	SE	BA6B01200929-31	N	p,p'-DDT	7.3	7.3 U	7.3 UJ	ug/kg	MD2
BNASIM/NONE	SE	BA6B01200933-35	N	p,p'-DDD	7.3	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200933-35	N	o,p'-DDE	7.3	2.6 J	2.6 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.3	4.6 J	4.6 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200937-39	N	o,p'-DDE	7.3	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.3	3.3 J	3.3 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200941-43	N	o,p'-DDE	6.8	4.2 J	4.2 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200945-47	N	p,p'-DDE	6.9	4.3 J	4.3 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	2.3 J	2.3 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200953-55	N	o,p'-DDE	7.2	2.3 J	2.3 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200957-59	N	p,p'-DDE	7.3	3.0 J	3.0 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	2.5 J	2.5 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200961-63	N	p,p'-DDE	7.4	6.4 J	6.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA6B01200901	N	o,p'-DDD	13.0	30.0	30.0	ug/kg	
BNASIM/NONE	SE	BA6B01200901	N	p,p'-DDD	13.0	100	100	ug/kg	
BNASIM/NONE	SE	BA6B01200901	N	o,p'-DDE	13.0	180	180	ug/kg	
BNASIM/NONE	SE	BA6B01200901	N	p,p'-DDE	13.0	1200	1200	ug/kg	
BNASIM/NONE	SE	BA6B01200901	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	13.0	310	310	ug/kg	
BNASIM/NONE	SE	BA6B01200901	N	1,1-bis(p-chlorophenyl)ethane	13.0	55.0	55.0	ug/kg	
BNASIM/NONE	SE	BA6B01200903	N	o,p'-DDD	11.0	95.0	95.0	ug/kg	
BNASIM/NONE	SE	BA6B01200903	N	p,p'-DDD	11.0	300	300	ug/kg	
BNASIM/NONE	SE	BA6B01200903	N	o,p'-DDE	11.0	560	560	ug/kg	
BNASIM/NONE	SE	BA6B01200903	N	p,p'-DDE	110	3500 D	3500	ug/kg	
BNASIM/NONE	SE	BA6B01200903	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	110	1400 D	1400	ug/kg	
BNASIM/NONE	SE	BA6B01200903	N	1,1-bis(p-chlorophenyl)ethane	11.0	210	210	ug/kg	
BNASIM/NONE	SE	BA6B01200903	N	o,p'-DDT	11.0	9.2 J	9.2 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200903	N	p,p'-DDT	11.0	12.0	12.0	ug/kg	
BNASIM/NONE	SE	BA6B01200905	N	o,p'-DDD	11.0	150	150	ug/kg	
BNASIM/NONE	SE	BA6B01200905	N	p,p'-DDD	11.0	390	390	ug/kg	
BNASIM/NONE	SE	BA6B01200905	N	o,p'-DDE	11.0	960	960	ug/kg	
BNASIM/NONE	SE	BA6B01200905	N	p,p'-DDE	110	4300 D	4300	ug/kg	
BNASIM/NONE	SE	BA6B01200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	110	3500 D	3500	ug/kg	
BNASIM/NONE	SE	BA6B01200905	N	1,1-bis(p-chlorophenyl)ethane	11.0	490	490	ug/kg	
BNASIM/NONE	SE	BA6B01200905	N	o,p'-DDT	11.0	22.0	22.0	ug/kg	
BNASIM/NONE	SE	BA6B01200907	N	o,p'-DDD	11.0	110	110	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA6B01200907	N	p,p'-DDD	11.0	270	270	ug/kg	
BNASIM/NONE	SE	BA6B01200907	N	o,p'-DDE	11.0	670	670	ug/kg	
BNASIM/NONE	SE	BA6B01200907	N	p,p'-DDE	110	3200 D	3200	ug/kg	
BNASIM/NONE	SE	BA6B01200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	110	3100 D	3100	ug/kg	
BNASIM/NONE	SE	BA6B01200907	N	1,1-bis(p-chlorophenyl)ethane	11.0	390	390	ug/kg	
BNASIM/NONE	SE	BA6B01200907	N	o,p'-DDT	11.0	19.0	19.0	ug/kg	
BNASIM/NONE	SE	BA6B01200909-11	N	o,p'-DDD	12.0	310	310	ug/kg	
BNASIM/NONE	SE	BA6B01200909-11	N	p,p'-DDD	12.0	730	730	ug/kg	
BNASIM/NONE	SE	BA6B01200909-11	N	o,p'-DDE	250	2000 D	2000	ug/kg	
BNASIM/NONE	SE	BA6B01200909-11	N	p,p'-DDE	250	8400 D	8400	ug/kg	
BNASIM/NONE	SE	BA6B01200909-11	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	250	8000 D	8000	ug/kg	
BNASIM/NONE	SE	BA6B01200909-11	N	1,1-bis(p-chlorophenyl)ethane	250	1400 D	1400	ug/kg	
BNASIM/NONE	SE	BA6B01200909-11	N	o,p'-DDT	12.0	31.0	31.0	ug/kg	
BNASIM/NONE	SE	BA6B01200913-15	N	o,p'-DDD	13.0	300	300	ug/kg	
BNASIM/NONE	SE	BA6B01200913-15	N	p,p'-DDD	13.0	620	620	ug/kg	
BNASIM/NONE	SE	BA6B01200913-15	N	o,p'-DDE	260	2800 D	2800	ug/kg	
BNASIM/NONE	SE	BA6B01200913-15	N	p,p'-DDE	260	9200 D	9200	ug/kg	
BNASIM/NONE	SE	BA6B01200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	260	10000 D	10000	ug/kg	
BNASIM/NONE	SE	BA6B01200913-15	N	1,1-bis(p-chlorophenyl)ethane	13.0	1000	1000	ug/kg	
BNASIM/NONE	SE	BA6B01200913-15	N	o,p'-DDT	13.0	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA6B01200917-19	N	o,p'-DDD	12.0	300	300	ug/kg	
BNASIM/NONE	SE	BA6B01200917-19	N	p,p'-DDD	12.0	1100	1100	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA6B01200917-19	N	o,p'-DDE	250	2800 D	2800	ug/kg	
BNASIM/NONE	SE	BA6B01200917-19	N	p,p'-DDE	250	13000 D	13000	ug/kg	
BNASIM/NONE	SE	BA6B01200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	250	7900 D	7900	ug/kg	
BNASIM/NONE	SE	BA6B01200917-19	N	1,1-bis(p-chlorophenyl)ethane	12.0	940	940	ug/kg	
BNASIM/NONE	SE	BA6B01200917-19	N	o,p'-DDT	12.0	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA6B01200917-19	N	p,p'-DDT	12.0	30.0	30.0	ug/kg	
BNASIM/NONE	SE	BA6B01200921-23	N	o,p'-DDD	8.5	91.0	91.0	ug/kg	
BNASIM/NONE	SE	BA6B01200921-23	N	p,p'-DDD	8.5	370	370	ug/kg	
BNASIM/NONE	SE	BA6B01200921-23	N	o,p'-DDE	8.5	390	390	ug/kg	
BNASIM/NONE	SE	BA6B01200921-23	N	p,p'-DDE	85.0	2200 D	2200	ug/kg	
BNASIM/NONE	SE	BA6B01200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	85.0	1400 D	1400	ug/kg	
BNASIM/NONE	SE	BA6B01200921-23	N	1,1-bis(p-chlorophenyl)ethane	8.5	220	220	ug/kg	
BNASIM/NONE	SE	BA6B01200921-23	N	p,p'-DDT	8.5	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200925-27	N	o,p'-DDD	8.0	24.0	24.0	ug/kg	
BNASIM/NONE	SE	BA6B01200925-27	N	p,p'-DDD	8.0	79.0	79.0	ug/kg	
BNASIM/NONE	SE	BA6B01200925-27	N	o,p'-DDE	8.0	89.0	89.0	ug/kg	
BNASIM/NONE	SE	BA6B01200925-27	N	p,p'-DDE	8.0	410	410	ug/kg	
BNASIM/NONE	SE	BA6B01200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8.0	340	340	ug/kg	
BNASIM/NONE	SE	BA6B01200925-27	N	1,1-bis(p-chlorophenyl)ethane	8.0	79.0	79.0	ug/kg	
BNASIM/NONE	SE	BA6B01200929-31	N	o,p'-DDD	7.3	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200929-31	N	p,p'-DDD	7.3	18.0	18.0	ug/kg	
BNASIM/NONE	SE	BA6B01200929-31	N	o,p'-DDE	7.3	20.0	20.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA6B01200929-31	N	p,p'-DDE	7.3	77.0	77.0	ug/kg	
BNASIM/NONE	SE	BA6B01200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	81.0	81.0	ug/kg	
BNASIM/NONE	SE	BA6B01200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.3	21.0	21.0	ug/kg	
BNASIM/NONE	SE	BA6B01200933-35	N	p,p'-DDD	7.3	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200933-35	N	o,p'-DDE	7.3	2.6 J	2.6 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200933-35	N	p,p'-DDE	7.3	11.0	11.0	ug/kg	
BNASIM/NONE	SE	BA6B01200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200933-35	N	1,1-bis(p-chlorophenyl)ethane	7.3	4.6 J	4.6 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200937-39	N	o,p'-DDE	7.3	4.5 J	4.5 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200937-39	N	p,p'-DDE	7.3	20.0	20.0	ug/kg	
BNASIM/NONE	SE	BA6B01200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	10.0	10.0	ug/kg	
BNASIM/NONE	SE	BA6B01200937-39	N	1,1-bis(p-chlorophenyl)ethane	7.3	3.3 J	3.3 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200941-43	N	p,p'-DDD	6.8	11.0	11.0	ug/kg	
BNASIM/NONE	SE	BA6B01200941-43	N	o,p'-DDE	6.8	4.2 J	4.2 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200941-43	N	p,p'-DDE	6.8	21.0	21.0	ug/kg	
BNASIM/NONE	SE	BA6B01200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.8	9.3	9.3	ug/kg	
BNASIM/NONE	SE	BA6B01200945-47	N	p,p'-DDE	6.9	4.3 J	4.3 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	6.9	2.3 J	2.3 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200949-51	N	p,p'-DDE	7.1	7.8	7.8	ug/kg	
BNASIM/NONE	SE	BA6B01200949-51	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200953-55	N	o,p'-DDE	7.2	2.3 J	2.3 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200953-55	N	p,p'-DDE	7.2	8.7	8.7	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA6B01200953-55	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200957-59	N	p,p'-DDE	7.3	3.0 J	3.0 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200957-59	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.3	2.5 J	2.5 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200961-63	N	p,p'-DDE	7.4	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	BA6B01200961-63	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.4	9.6	9.6	ug/kg	

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	13.0	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	13.0	8.6 J	8.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200901	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	13.0	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	PCB-138/158	13.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200901	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	10.0 J	10.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,3',4,4',5-PENTACHLOROBIPHENYL	13.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	9.8 J	9.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	12.0 J	12.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	12.0 J	12.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200901	N	2,4,4'-TRICHLOROBIPHENYL	13.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200903	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	11.0	8.2 J	8.2 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	11.0	9.8 J	9.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200903	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200903	N	PCB-138/158	11.0	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	49.0	49.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	27.0	27.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2,3',4,4',5-PENTACHLOROBIPHENYL	11.0	46.0	46.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	7.9 J	7.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	44.0	44.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200903	N	2,2',5-TRICHLOROBIPHENYL	11.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200903	N	2,4,4'-TRICHLOROBIPHENYL	11.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,4'-DICHLOROBIPHENYL	11.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	11.0	6.4 J	6.4 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	36.0	36.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	19.0	19.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	68.0	68.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	11.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	11.0	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200905	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	11.0	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200905	N	PCB-138/158	11.0	77.0	77.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	83.0	83.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,3',4,4',5-PENTACHLOROBIPHENYL	11.0	73.0	73.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	9.1 J	9.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200905	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	50.0	50.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	68.0	68.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	70.0	70.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	11.0 J	11.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,2',5-TRICHLOROBIPHENYL	11.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200905	N	2,4,4'-TRICHLOROBIPHENYL	11.0	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,4'-DICHLOROBIPHENYL	11.0	6.7 J	6.7 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	14.0	14.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	11.0 J	11.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	53.0	53.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	11.0	8.4 J	8.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200907	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	11.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200907	N	PCB-138/158	11.0	61.0	61.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	68.0	68.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,3',4,4',5-PENTACHLOROBIPHENYL	11.0	59.0	59.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	43.0	43.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	57.0	57.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200907	N	2,2',5-TRICHLOROBIPHENYL	11.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200907	N	2,4,4'-TRICHLOROBIPHENYL	11.0	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,4'-DICHLOROBIPHENYL	12.0	15.0	15.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	33.0	33.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	69.0	69.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	35.0	35.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	12.0 J	12.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	130	130	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	12.0	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	12.0	34.0	34.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200909-11	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	37.0	37.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	PCB-138/158	12.0	140	140	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	250	250	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	97.0	97.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,3',4,4',5-PENTACHLOROBIPHENYL	12.0	150	150	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	150	150	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	140	140	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	170	170	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	3,4,4',5-TETRACHLOROBIPHENYL	12.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,2',5-TRICHLOROBIPHENYL	12.0	69.0	69.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200909-11	N	2,4,4'-TRICHLOROBIPHENYL	12.0	77.0	77.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,4'-DICHLOROBIPHENYL	13.0	14.0	14.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	13.0	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	13.0	26.0	26.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	13.0	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	30.0	30.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	13.0	29.0	29.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	120	120	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	13.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	13.0	17.0	17.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	13.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	13.0	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	13.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	PCB-138/158	13.0	120	120	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	160	160	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	77.0	77.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,3',4,4',5-PENTACHLOROBIPHENYL	13.0	140	140	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	13.0	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	130	130	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	140	140	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	140	140	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	13.0	20.0	20.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200913-15	N	2,2',5-TRICHLOROBIPHENYL	13.0	47.0	47.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200913-15	N	2,4,4'-TRICHLOROBIPHENYL	13.0	60.0	60.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,4'-DICHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	12.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	28.0	28.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	56.0	56.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	33.0	33.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	22.0	22.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	110	110	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	12.0	12.0	12.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	12.0	13.0	13.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	12.0	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	12.0	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	PCB-138/158	12.0	120	120	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	130	130	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	61.0	61.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,3',4,4',5-PENTACHLOROBIPHENYL	12.0	110	110	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	90.0	90.0	ug/kg	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	100	100	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	99.0	99.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200917-19	N	2,2',5-TRICHLOROBIPHENYL	12.0	38.0	38.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200917-19	N	2,4,4'-TRICHLOROBIPHENYL	12.0	51.0	51.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.5	10.0	10.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.5	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.5	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.5	23.0	23.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200921-23	N	2,3,3',4,4',5-HEXACHLOROBIPHENYL	8.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	PCB-138/158	8.5	24.0	24.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.5	25.0	25.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200921-23	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	11.0	11.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200921-23	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.5	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200921-23	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	16.0	16.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	21.0	21.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.5	18.0	18.0	ug/kg	
PCBSIM/NONE	SE	BA6B01200921-23	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.5	3.9 J	3.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	BA6B01200921-23	N	2,2',5-TRICHLOROBIPHENYL	8.5	8.6	8.6	ug/kg	
PCBSIM/NONE	SE	BA6B01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	8.5	8.8	8.8	ug/kg	
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.0	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.0	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	PCB-138/158	8.0	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.0	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.0	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,3',4,4',5-PENTACHLOROBIPHENYL	8.0	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.0	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.0	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA6B01200925-27	N	2,2',5-TRICHLOROBIPHENYL	8.0	2.9 J	2.9 J	ug/kg	TR

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
D2216/NONE	SE	BA6B01200901	N	Moisture	0.10	61.3	61.3	PERCENT	
D2216/NONE	SE	BA6B01200903	N	Moisture	0.10	56.2	56.2	PERCENT	
D2216/NONE	SE	BA6B01200905	N	Moisture	0.10	53.8	53.8	PERCENT	
D2216/NONE	SE	BA6B01200907	N	Moisture	0.10	56.3	56.3	PERCENT	
D2216/NONE	SE	BA6B01200909-11	N	Moisture	0.10	59.9	59.9	PERCENT	
D2216/NONE	SE	BA6B01200913-15	N	Moisture	0.10	61.8	61.8	PERCENT	
D2216/NONE	SE	BA6B01200917-19	N	Moisture	0.10	59.3	59.3	PERCENT	
D2216/NONE	SE	BA6B01200921-23	N	Moisture	0.10	41.3	41.3	PERCENT	
D2216/NONE	SE	BA6B01200925-27	N	Moisture	0.10	37.3	37.3	PERCENT	
D2216/NONE	SE	BA6B01200929-31	N	Moisture	0.10	31.6	31.6	PERCENT	
D2216/NONE	SE	BA6B01200933-35	N	Moisture	0.10	31.5	31.5	PERCENT	
D2216/NONE	SE	BA6B01200937-39	N	Moisture	0.10	31.1	31.1	PERCENT	
D2216/NONE	SE	BA6B01200941-43	N	Moisture	0.10	26.7	26.7	PERCENT	
D2216/NONE	SE	BA6B01200945-47	N	Moisture	0.10	27.2	27.2	PERCENT	
D2216/NONE	SE	BA6B01200949-51	N	Moisture	0.10	29.3	29.3	PERCENT	
D2216/NONE	SE	BA6B01200953-55	N	Moisture	0.10	30.2	30.2	PERCENT	
D2216/NONE	SE	BA6B01200957-59	N	Moisture	0.10	31.2	31.2	PERCENT	
D2216/NONE	SE	BA6B01200961-63	N	Moisture	0.10	32.5	32.5	PERCENT	

Detected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	BA6B01200901	N	Total Organic Carbon	0.13	3.4	3.4	PERCENT	
SW9060/NONE	SE	BA6B01200903	N	Total Organic Carbon	0.11	3.1	3.1	PERCENT	
SW9060/NONE	SE	BA6B01200905	N	Total Organic Carbon	0.11	4.4	4.4	PERCENT	
SW9060/NONE	SE	BA6B01200907	N	Total Organic Carbon	0.11	5.1	5.1	PERCENT	
SW9060/NONE	SE	BA6B01200909-11	N	Total Organic Carbon	0.12	6.7	6.7	PERCENT	
SW9060/NONE	SE	BA6B01200913-15	N	Total Organic Carbon	0.13	7.9	7.9	PERCENT	
SW9060/NONE	SE	BA6B01200917-19	N	Total Organic Carbon	0.12	4.9	4.9	PERCENT	
SW9060/NONE	SE	BA6B01200921-23	N	Total Organic Carbon	0.085	2.3	2.3	PERCENT	
SW9060/NONE	SE	BA6B01200925-27	N	Total Organic Carbon	0.080	1.7	1.7	PERCENT	
SW9060/NONE	SE	BA6B01200929-31	N	Total Organic Carbon	0.073	1.4	1.4	PERCENT	
SW9060/NONE	SE	BA6B01200933-35	N	Total Organic Carbon	0.073	1.3	1.3	PERCENT	
SW9060/NONE	SE	BA6B01200937-39	N	Total Organic Carbon	0.073	1.3	1.3	PERCENT	
SW9060/NONE	SE	BA6B01200941-43	N	Total Organic Carbon	0.068	1.2	1.2	PERCENT	
SW9060/NONE	SE	BA6B01200945-47	N	Total Organic Carbon	0.069	1.1	1.1	PERCENT	
SW9060/NONE	SE	BA6B01200949-51	N	Total Organic Carbon	0.071	1.4	1.4	PERCENT	
SW9060/NONE	SE	BA6B01200953-55	N	Total Organic Carbon	0.072	1.3	1.3	PERCENT	
SW9060/NONE	SE	BA6B01200957-59	N	Total Organic Carbon	0.073	1.5	1.5	PERCENT	
SW9060/NONE	SE	BA6B01200961-63	N	Total Organic Carbon	0.074	1.6	1.6	PERCENT	

Rejected Results

DATA VALIDATION REPORT
Pesticides

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111381
Analysis:	SW8270-SIM - Pesticides
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA0901200901	091113811	Soil	Pesticides
OA0901200903	091113812	Soil	Pesticides
OA0901200905	091113813	Soil	Pesticides
OA0901200907	091113814	Soil	Pesticides
OA0901200909-11	0911138120	Soil	Pesticides
OA0901200913-15	0911138121	Soil	Pesticides
OA0901200917-19	0911138122	Soil	Pesticides
OA0901200921-23	0911138123	Soil	Pesticides
OA0901200925-27	0911138124	Soil	Pesticides
OA0901200929-31	0911138125	Soil	Pesticides
OA0901200933-35	0911138126	Soil	Pesticides
OA0901200937	0911138119	Soil	Pesticides

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed pesticides in accordance with *Method SW8270-SIM*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample extraction and analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found on the analytical raw data and summary forms. Samples were received properly preserved and refrigerated. The chain of custody records were complete and in agreement with the laboratory sample lists. All technical holding times were met

Action: No qualifiers have been applied.

II. GC/MS INSTRUMENT PERFORMANCE CHECK

Not applicable to this SDG

III. INITIAL CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for compounds on the Target Compound List (TCL). Initial calibration demonstrates that the instrument is capable of acceptable performance and of producing a linear calibration curve.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial calibrations were performed in accordance with the method. All RRFs and RSD values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IV. CONTINUING CALIBRATION

Objective: Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for target compounds at the beginning of the analytical sequence. The continuing calibration establishes the 12 hour relative

response factors on which the quantitations are based and demonstrates satisfactory performance of the instrument on a day to day basis.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Continuing calibrations were performed in accordance with the method. All RRFs and %D values were within control limits, with the exception of those shown in the following table. No calculation or transcription errors were observed.

Date	Analyte	%D	Criteria	Action	Associated Samples
11/21/2009	2,4-DDT	21.7	≤ 20%	J/None	All Samples in SDG
	4,4-DDT	22.4	≤ 20%	J/None	

Action: Results for compounds demonstrating increased sensitivity from the initial calibration are considered estimated with a potential high bias; those demonstrating decreased sensitivity are considered estimated with a potential low bias. Qualifiers have been applied as indicated in the preceding table.

V. BLANKS

Objective: The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination problems resulting from laboratory and field activities. The criteria for evaluation of blanks apply to any blank associated with the samples (e.g., method blanks, instrument blanks, trip blanks, and equipment blanks). If problems exist with any blank, all associated data must be carefully evaluated to determine whether or not there is an inherent variability in the data, or if the problem is an isolated occurrence not affecting other data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Method blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target compounds were present in the blanks.

Action: No qualifiers have been applied.

VI. SURROGATE SPIKES

Objective: Method performance for individual samples is demonstrated through spiking activities. All samples are spiked with surrogate compounds prior to sample preparation. The sample itself may produce effects due to such factors as interferences and high concentrations of analytes.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All surrogate recoveries were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. MATRIX SPIKES/MATRIX SPIKE DUPLICATES

Objective: Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes and matrix spike duplicates were analyzed at the appropriate frequency. All recoveries and RPD values were within control limits, with the exception of those shown in the following table. No calculation or transcription errors were observed.

Spiked Sample	Analyte	MS %Rec	MSD %Rec	Control Limits	Action	Associated Samples
OA0901200909-11	4,4-DDE	43	†75	50-125	J/UJ	OA0901200909-11
	4,4-DDT	151	†72	50-125	J/None	

† within limits but included for comparison

Spiked Sample	Analyte	%RPD	Control Limits	Action	Associated Samples
OA0901200909-11	4,4-DDT	64	≤30	J/UJ	OA0901200909-11

Action: Qualifiers have been applied as indicated in the preceding tables.

VIII. LABORATORY CONTROL SAMPLES

Objective: Data for laboratory control samples are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IX. REGIONAL QUALITY ASSURANCE AND QUALITY CONTROL

Not applicable to this SDG

X. INTERNAL STANDARDS

Objective: Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run sequence.

Evaluation: Summary forms were not provided for verification.

Action: None.

XI. TARGET COMPOUND IDENTIFICATION

Objective: Qualitative criteria for compound identification have been established to minimize the number of erroneous identifications of compounds, either false positives or false negatives.

Evaluation: Quantitation reports and chromatograms were examined to verify that all peaks were reported as either targets, surrogates, internal standards, or could not be identified as targets.

Target compound retention times were compared to the daily standard and were found to be acceptable. The mass spectra of each reported compound matched the corresponding standard spectra within the specified criteria. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XII. COMPOUND QUANTITATION AND REPORTED CRQLS

Objective: Careful evaluation is required to ensure that the reported quantitation results and contract required quantitation limits (CRQLs) for target compounds are accurate.

Evaluation: Quantitation reports, chromatograms, and sample preparation sheets were examined for all samples to verify the reported results and quantitation limits. Recalculations were performed to verify reported results. Refer to the Reporting Anomalies report for instances where CRQLs were not met.

No calculation errors or other discrepancies were found. The correct internal standards, quantitation ions, and RRFs were used for compound quantitation.

Project requested reporting limits were not met.

Action: No qualifiers have been applied.

XIII. TENTATIVELY IDENTIFIED COMPOUNDS

Not applicable to this SDG

XIV. SYSTEM PERFORMANCE

Objective: During the period following the initial instrument performance checks, changes may occur in the system that degrade the quality of the data. While this degradation would not be directly shown until the next required series of instrument performance checks, a thorough review of the ongoing data acquisition can yield indications of instrument performance.

Evaluation: No chromatographic retention time shifts, changes in resolution, or other indicators of performance degradation were observed throughout any of the analytical sequences.

Action: No qualifiers have been applied.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have warranted the qualification of a minimal portion of the data set. The deficiencies described in this report are not considered cause for serious concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
PCBs

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111381
Analysis:	SW8270-SIM - PCBs
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA0901200901	091113811	Soil	PCBs
OA0901200903	091113812	Soil	PCBs
OA0901200905	091113813	Soil	PCBs
OA0901200907	091113814	Soil	PCBs
OA0901200909-11	0911138120	Soil	PCBs
OA0901200913-15	0911138121	Soil	PCBs
OA0901200917-19	0911138122	Soil	PCBs
OA0901200921-23	0911138123	Soil	PCBs
OA0901200925-27	0911138124	Soil	PCBs
OA0901200929-31	0911138125	Soil	PCBs
OA0901200933-35	0911138126	Soil	PCBs
OA0901200937	0911138119	Soil	PCBs

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed PCBs in accordance with *Method SW8270-SIM*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample extraction and analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found on the analytical raw data and summary forms. Samples were received properly preserved and refrigerated. The chain of custody records were complete and in agreement with the laboratory sample lists. All technical holding times were met.

Action: No qualifiers have been applied.

II. GC/MS INSTRUMENT PERFORMANCE CHECK

Not applicable to this SDG

III. INITIAL CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for compounds on the Target Compound List (TCL). Initial calibration demonstrates that the instrument is capable of acceptable performance and of producing a linear calibration curve.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial calibrations were performed in accordance with the method. All RRFs and RSD values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IV. CONTINUING CALIBRATION

Objective: Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for target compounds at the beginning of the analytical sequence. The continuing calibration establishes the 12 hour relative

response factors on which the quantitations are based and demonstrates satisfactory performance of the instrument on a day to day basis.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Continuing calibrations were performed in accordance with the method. All RRFs and %D values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

V. BLANKS

Objective: The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination problems resulting from laboratory and field activities. The criteria for evaluation of blanks apply to any blank associated with the samples (e.g., method blanks, instrument blanks, trip blanks, and equipment blanks). If problems exist with any blank, all associated data must be carefully evaluated to determine whether or not there is an inherent variability in the data, or if the problem is an isolated occurrence not affecting other data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Method blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target compounds were present in the blanks.

Action: No qualifiers have been applied.

VI. SURROGATE SPIKES

Objective: Method performance for individual samples is demonstrated through spiking activities. All samples are spiked with surrogate compounds prior to sample preparation. The sample itself may produce effects due to such factors as interferences and high concentrations of analytes.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All surrogate recoveries were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. MATRIX SPIKES/MATRIX SPIKE DUPLICATES

Objective: Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes and matrix spike duplicates were analyzed at the appropriate frequency. All recoveries and RPD values were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VIII. LABORATORY CONTROL SAMPLES

Objective: Data for laboratory control samples are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IX. REGIONAL QUALITY ASSURANCE AND QUALITY CONTROL

Not applicable to this SDG

X. INTERNAL STANDARDS

Objective: Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All internal standard area counts and retention times were within the established control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XI. TARGET COMPOUND IDENTIFICATION

Objective: Qualitative criteria for compound identification have been established to minimize the number of erroneous identifications of compounds, either false positives or false negatives.

Evaluation: Quantitation reports and chromatograms were examined to verify that all peaks were reported as either targets, surrogates, internal standards, or could not be identified as targets.

Target compound retention times were compared to the daily standard and were found to be acceptable. The mass spectra of each reported compound matched the corresponding standard spectra within the specified criteria. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XII. COMPOUND QUANTITATION AND REPORTED CRQLS

Objective: Careful evaluation is required to ensure that the reported quantitation results and contract required quantitation limits (CRQLs) for target compounds are accurate.

Evaluation: Quantitation reports, chromatograms, and sample preparation sheets were examined for all samples to verify the reported results and quantitation limits. Recalculations were performed to verify reported results.

No calculation errors or other discrepancies were found. The correct internal standards, quantitation ions, and RRFs were used for compound quantitation.

Project requested reporting limits were not met.

Action: No qualifiers have been applied.

XIII. TENTATIVELY IDENTIFIED COMPOUNDS

Not applicable to this SDG

XIV. SYSTEM PERFORMANCE

Objective: During the period following the initial instrument performance checks, changes may occur in the system that degrade the quality of the data. While this degradation would not be directly shown until the next required series of instrument performance checks, a thorough review of the ongoing data acquisition can yield indications of instrument performance.

Evaluation: No chromatographic retention time shifts, changes in resolution, or other indicators of performance degradation were observed throughout any of the analytical sequences.

Action: No qualifiers have been applied.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
Total Organic Carbon

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111381
Analysis:	SW9060 - TOC
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA0901200901	091113811	Soil	Total Organic Carbon - TOC
OA0901200903	091113812	Soil	Total Organic Carbon - TOC
OA0901200905	091113813	Soil	Total Organic Carbon - TOC
OA0901200907	091113814	Soil	Total Organic Carbon - TOC
OA0901200909-11	0911138120	Soil	Total Organic Carbon - TOC
OA0901200913-15	0911138121	Soil	Total Organic Carbon - TOC
OA0901200917-19	0911138122	Soil	Total Organic Carbon - TOC
OA0901200921-23	0911138123	Soil	Total Organic Carbon - TOC
OA0901200925-27	0911138124	Soil	Total Organic Carbon - TOC
OA0901200929-31	0911138125	Soil	Total Organic Carbon - TOC
OA0901200933-35	0911138126	Soil	Total Organic Carbon - TOC
OA0901200937	0911138119	Soil	Total Organic Carbon - TOC

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed for total organic carbon in accordance with *USEPA Method SW9060*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found in the laboratory digestion logs and instrument run logs. The chain of custody records were complete and in agreement with the laboratory sample lists. Technical holding times were met for all analyses.

Action: No qualifiers have been applied.

II. CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical sequence, and continuing calibration verification confirms that the initial calibration is valid throughout the analytical run sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial and continuing calibration verification standards were analyzed at the proper frequency in all analytical run sequences, and recoveries were within the required limits. Correlation coefficients for multipoint calibration curves were greater than 0.995 in all cases. No calculation or transcription errors were observed.

It was noted that the calibration curve verification was done using a linear regression, which was determined to be within project acceptance limits but did not match the curve provided by the laboratory. The difference in the correlation coefficients appears to be due to the fact that the laboratory is forcing the curve to the origin along with being weighted. In addition, the sample calculations were determined using response factors (RF) as indicated in the laboratory's SOP.

Action: No qualifiers have been applied.

III. BLANKS

***Objective*:** The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination resulting from laboratory and field activities. The criteria for evaluation of blanks applies to any blank associated with the samples including method blanks, instrument blanks, and equipment blanks. If problems exist with any blank, careful evaluation is required to determine the potential impact on all associated data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Method and instrument blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target analytes were present in the blanks.

Action: No qualifiers have been applied.

IV. LABORATORY CONTROL SAMPLES (LCS)

Objective: The laboratory control sample measures the overall performance of the analytical process, including sample preparation.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

V. DUPLICATE SAMPLE ANALYSIS

Objective: Duplicate analyses are performed in order to assess laboratory precision for each sample matrix.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory duplicates were analyzed at the appropriate frequency with acceptable results. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VI. MATRIX SPIKE SAMPLE ANALYSIS

Objective: Matrix spike sample analyses are performed in order to assess method performance for each sample matrix.

Evaluation: Matrix spikes were performed on a sample from another SDG and thus were not evaluated.

Action: No qualifiers have been applied.

VII. SAMPLE RESULT VERIFICATION

Objective: Careful evaluation is required to ensure that the reported results and contract required detection limits (CRDLs) for target analytes are accurate.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

No errors in transcriptions or data reduction were found. All reported results were within the appropriate calibration ranges.

Action: No qualifiers have been applied.

VIII. FIELD DUPLICATES

No field duplicates were identified in this SDG.

IX. FIELD BLANKS

No field blanks were identified in this SDG.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
Moisture

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111381
Analysis:	D2216 - Moisture
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA0901200901	091113811	Soil	Moisture
OA0901200903	091113812	Soil	Moisture
OA0901200905	091113813	Soil	Moisture
OA0901200907	091113814	Soil	Moisture
OA0901200909-11	0911138120	Soil	Moisture
OA0901200913-15	0911138121	Soil	Moisture
OA0901200917-19	0911138122	Soil	Moisture
OA0901200921-23	0911138123	Soil	Moisture
OA0901200925-27	0911138124	Soil	Moisture
OA0901200929-31	0911138125	Soil	Moisture
OA0901200933-35	0911138126	Soil	Moisture
OA0901200937	0911138119	Soil	Moisture

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed moisture in accordance with *Method D2216*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found in the laboratory digestion logs and instrument run logs. The chain of custody records were complete and in agreement with the laboratory sample lists. Technical holding times were met for all analyses.

Action: No qualifiers have been applied.

II. CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria.

Action: No qualifiers have been applied.

III. BLANKS

***Objective*:** The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination resulting from laboratory and field activities. The criteria for evaluation of blanks applies to any blank associated with the samples including method blanks, instrument blanks, and equipment blanks. If problems exist with any blank, careful evaluation is required to determine the potential impact on all associated data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Method and instrument blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. Reportable concentrations of the target analytes were not observed in any of the blanks.

Action: No qualifiers have been applied.

IV. DUPLICATE SAMPLE ANALYSIS

Objective: Duplicate analyses are performed in order to assess laboratory precision for each sample matrix.

Evaluation: Laboratory duplicates were not performed for this SDG.

Action: None.

V. SAMPLE RESULT VERIFICATION

Objective: Careful evaluation is required to ensure that reported results and contract required detection limits (CRDLs) for target analytes are accurate.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

No errors in transcriptions or data reduction were found. All reported results were within the appropriate calibration ranges.

Action: No qualifiers have been applied.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

GC/MS VALIDATION WORKSHEET
EPA Level 4

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: BNASIM

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA0901200901	091113811	SO	N	11	OA0901200933-35	0911138126	SO	N
2	OA0901200903	091113812	SO	N	12	OA0901200937	0911138119	SO	N
3	OA0901200905	091113813	SO	N	13				
4	OA0901200907	091113814	SO	N	14				
5	OA0901200909-11	0911138120	SO	N	15				
6	OA0901200913-15	0911138121	SO	N	16				
7	OA0901200917-19	0911138122	SO	N	17				
8	OA0901200921-23	0911138123	SO	N	18				
9	OA0901200925-27	0911138124	SO	N	19				
10	OA0901200929-31	0911138125	SO	N	20				

† N = Normal Environmental Sample EB = Equipment Blank AB = Ambient Blank
TB = Trip Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Technical Holding Times/Sample Receipt	A	
II.	Instrument Performance	N	
III.	Initial Calibration	A	
IV.	Continuing Calibration	SW	
V.	Blanks	A	
VI.	Surrogate Spikes	A	
VII.	Matrix Spikes/Matrix Spike Duplicates	SW	
VIII.	Laboratory Control Samples	A	
IX.	Internal Standards	N	
X.	Target Compound Identification	A	
XI.	Compound Quantitation and Reported CRQLs	SW	Compounds did not meet the project RLs.
XII.	System Performance	N	

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level 4

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: BNASIM

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA0901200901	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0
OA0901200903	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0
OA0901200905	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0
OA0901200907	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0
OA0901200909-11	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0
OA0901200913-15	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0
OA0901200917-19	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0
OA0901200921-23	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0
OA0901200925-27	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0
OA0901200929-31	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0
OA0901200933-35	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0
OA0901200937	11/16/09	11/17/09	Y	Yes	11/19/09	360 days	11/11/10	0	11/21/09	40 days	12/29/09	0

Comments:

GC/MS VALIDATION WORKSHEET
INITIAL CALIBRATION
EPA Level 4

SDG #: 09111381 | Date: 2/22/10
Lab: Calscience Environmental Laboratories, Inc. | Page: 1 of 1
Client: EPA PV Shelf Sediment | Validated by: EM
Second Review by: LS

Method: BNASIM

Were all standards analyzed at the appropriate concentrations?	**Yes**
Were all samples associated with an acceptable initial calibration?	**Yes**
Were all RRF values met?	**NA**
Were all %RSD values </= 20.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %RSDs?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Compound	%RSD/RRF	Criteria	Action	Associated Samples

CALCULATIONS

RRF Standard ID: 11-19-09 50ppb | Calibration ID: 11/19/2009
Compound ID: 4,4-DDD | Compound ID: 4,4-DDT
Reported Result: 0.722 | %RSD: 14.9

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%RSD = \frac{\text{Standard Deviation}}{\text{Average RRF}} \times 100$$

Compound Area = 3925
I.S. Area = 543464
Compound Conc. = 50.0
I.S. Conc. = 5000.0

RF Level 1 = 0.5210
RF Level 2 = 0.4910
RF Level 3 = 0.5950
RF Level 4 = 0.6630
RF Level 5 = 0.6960

RRF = 0.722 Matches
Standard Deviation = 0.088
Average RRF = 0.5932 Matches
%RSD = 14.9 Matches

Comments:

GC/MS VALIDATION WORKSHEET
CONTINUING CALIBRATION
EPA Level 4

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	BNASIM		

Were all samples associated with an acceptable continuing calibration?	**Yes**
Were all RRF values >/= 0.05?	**NA**
Were all %D values </= 20.0?	**No**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %Ds?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Compound	RRF/%D	Criteria	Action	Associated Samples
11/21/09	2,4-DDT	21.7	<=20	J/None	All Samples
	4,4-DDT	22.4	<=20	J/None	

CALCULATIONS

RRF Standard ID:	11/19/2009 18:57	Calibration ID:	11/19/2009
Compound ID:	4,4-DDT	Compound ID:	4,4-DDD
Reported Result:	0.571	%RSD:	0.4

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%D = \frac{\text{Average RRF - CCV RRF}}{\text{Average RRF}} \text{ X } 100$$

Compound Area =	68204	Average RRF =	0.764	
I.S. Area =	597641	CCV RRF =	0.761	
Compound Conc. =	1000.0			
I.S. Conc. =	5000.0	%D =	0.4	Matches

RRF = 0.571
Matches

%D Indicating Bias = -0.4

Comments:

GC/MS VALIDATION WORKSHEET
BLANKS
EPA Level 4

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Was a blank analyzed for each extraction batch?	**Yes**
Was a storage blank analyzed on each day of analysis?	**Yes**
(SVOA) Was a blank analyzed for each GC/MS system?	**Yes**
(VOA) Was a blank analyzed for each 12 hour period?	**NA**
Were all field blanks analyzed appropriately?	**NA**
(VOA) Were all trip blanks analyzed appropriately	**NA**
Were all blanks free of contamination at or above the MDL/CRQL?	**Yes**

Record any contaminants (target or non-target) which were detected in the blanks.

Blank	Compound	Conc. (ug/L)	CRQL (ug/L)	Action Level	Action	Associated Samples

Action
Level = 10 X Blank concentration (common contaminants-methylene chloride, acetone, 2-butanone, phthalates)
5 X Blank concentration (all other TCL compounds)

Comments:

GC/MS VALIDATION WORKSHEET
SURROGATE SPIKES/SYSTEM MONITORING COMPOUNDS - WATER SAMPLES
EPA Level 4

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all surrogate recoveries within the specified criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**

List any samples which did not have acceptable surrogate recoveries.

Sample ID	Surrogate	%Rec.	Control Limits	Action

Any non-detect result associated with a surrogate recovery below 10% should be rejected.

CALCULATIONS

Sample ID: OA0901200901
Compound ID: 2,4,5,6-Tetrachloro-m-Xylene
Reported Result: 86

$$\% \text{ Recovery} = \frac{\text{Conc. Surr. In Sample}}{\text{Conc. Surr. Spiked}} \times 100$$

Conc. In Sample = 857.9
Surr. Spike Conc. = 1000.0

% Recovery = 86 Matches

Comments:

GC/MS VALIDATION WORKSHEET - MATRIX SPIKES/DUPLICATES
EPA Level 4

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: BNASIM
Matrix:

Were MS/MSD samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **No**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

Spiked Sample ID	Compound Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action
OA0901200909-11	4,4-DDE	43	†75	50-125			OA0901200909-11	J/UJ
	4,4-DDT	151	†72	50-125	64	30	OA0901200909-11	J/None

CALCULATIONS

Sample ID: OA0901200909-11
Compound ID: 4,4-DDE
Recovery: 43

Sample ID: OA0901200909-11
Compound ID: 4,4-DDT
RPD: 64

$$\% \text{ Recovery} = \frac{\text{Conc. MS - Conc. Unspiked Sample}}{\text{MS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{MS Conc. - MSD Conc.}|}{(\text{MS Conc. + MSD Conc.})/2} \times 100$$

Conc. MS = 2014.74
Unspiked Samp. = 1584.3
MS Spike Conc. = 1000.0

% Recovery = 43 Matches

MS Conc. = 1625.6
MSD Conc. = 838.2

RPD = 64 Matches

Comments:
† Included for comparison

GC/MS VALIDATION WORKSHEET
LABORATORY CONTROL SAMPLES
EPA Level 4

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were laboratory control samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

LCS ID	Compound Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action

† LCSD is not required; however, it may be provided in some instances

CALCULATIONS

Sample ID:	11/19/2009 7:44	Sample ID:	11/19/2009
Compound ID:	4,4-DDE	Compound ID:	2,4-DDD
Recovery:	105	RPD:	12

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{LCS Conc.} - \text{LCSD Conc.}|}{(\text{LCS Conc.} + \text{LCSD Conc.})/2} \times 100$$

Conc. LCS = 1049.7
LCS Spike Conc. = 1000.0

LCS Conc. = 105
LCSD Conc. = 93

% Recovery = 105 Matches

RPD = 12 Matches

Comments:

GC/MS VALIDATION WORKSHEET
INTERNAL STANDARDS
EPA Level 4

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: BNASIM

Were all internal standard values within +/- 50% of the calibration standard? **NA**
Were all internal standard RTs within +/- 30 seconds of the calibration standard? **NA**
Did the raw data agree with the summary report? **NA**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Sample	Internal Standard	Area Counts %	Control Limits	Action
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	

BCM:	Bromochloromethane	DCB:	1,4-Dichlorobenzene-d4	PHN:	Phenanthrene-d10
DFB:	1,4-Difluorobenzene	NPT:	Naphthalene-d8	CRY:	Chrysene-d12
CBZ:	Chlorobenzene-d5	ANT:	Acenaphthene-d10	PRY:	Perylene-d12

Comments:

GC/MS VALIDATION WORKSHEET
TARGET COMPOUND QUANTITATION
EPA Level 4

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**Yes**
Were all positive hits verified by acceptable mass spectra?	**Yes**
Were all retention times within 0.06 RRT units of the daily standard?	**NA**

CALCULATIONS

Sample ID: OA0901200901
Compound ID: 4,4-DDE
Reported Result: 280

$$\text{Conc. In Sample} = \frac{\text{Area Cmpd. In Sample}}{\text{Area of I.S.}} \times \frac{\text{Conc. of I.S.}}{\text{Average RRF}} \times \frac{\text{Final Volume}}{\text{Initial Amount}} \times \text{Dilution Factor}$$

		Units
Area Sample =	87243	Area
Area I.S. =	460084	Area
Conc. I.S. =	5000	
Average RRF =	0.532	NA
Final Volume =	2.0	mL
Initial Amount =	20.0	
Dilution Factor =	1.0	NA

Conc. In Sample = 178.2
Moisture Corrected = 281 Matches 36.5 % Moist

Comments - Compounds did not meet the project RLs.

GC/MS VALIDATION WORKSHEET
EPA Level 4

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: PCBSIM

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA0901200901	091113811	SO	N	11	OA0901200933-35	0911138126	SO	N
2	OA0901200903	091113812	SO	N	12	OA0901200937	0911138119	SO	N
3	OA0901200905	091113813	SO	N	13				
4	OA0901200907	091113814	SO	N	14				
5	OA0901200909-11	0911138120	SO	N	15				
6	OA0901200913-15	0911138121	SO	N	16				
7	OA0901200917-19	0911138122	SO	N	17				
8	OA0901200921-23	0911138123	SO	N	18				
9	OA0901200925-27	0911138124	SO	N	19				
10	OA0901200929-31	0911138125	SO	N	20				

† N = Normal Environmental Sample EB = Equipment Blank AB = Ambient Blank
TB = Trip Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Technical Holding Times/Sample Receipt	A	
II.	Instrument Performance	N	
III.	Initial Calibration	A	
IV.	Continuing Calibration	A	
V.	Blanks	A	
VI.	Surrogate Spikes	A	
VII.	Matrix Spikes/Matrix Spike Duplicates	A	
VIII.	Laboratory Control Samples	A	
IX.	Internal Standards	N	
X.	Target Compound Identification	A	
XI.	Compound Quantitation and Reported CRQLs	SW	Compounds did not meet the project RLs.
XII.	System Performance	N	

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level 4

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: PCBSIM

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA0901200901	11/16/09	11/17/09	Y	Yes	12/12/09	360 days	11/11/10	0	12/24/09	40 days	1/21/10	0
OA0901200903	11/16/09	11/17/09	Y	Yes	12/12/09	360 days	11/11/10	0	12/24/09	40 days	1/21/10	0
OA0901200905	11/16/09	11/17/09	Y	Yes	12/12/09	360 days	11/11/10	0	12/24/09	40 days	1/21/10	0
OA0901200907	11/16/09	11/17/09	Y	Yes	12/12/09	360 days	11/11/10	0	12/24/09	40 days	1/21/10	0
OA0901200909-11	11/16/09	11/17/09	Y	Yes	12/12/09	360 days	11/11/10	0	12/24/09	40 days	1/21/10	0
OA0901200913-15	11/16/09	11/17/09	Y	Yes	12/12/09	360 days	11/11/10	0	12/24/09	40 days	1/21/10	0
OA0901200917-19	11/16/09	11/17/09	Y	Yes	1/26/10	360 days	11/11/10	0	1/28/10	40 days	3/7/10	0
OA0901200921-23	11/16/09	11/17/09	Y	Yes	12/12/09	360 days	11/11/10	0	12/24/09	40 days	1/21/10	0
OA0901200925-27	11/16/09	11/17/09	Y	Yes	12/12/09	360 days	11/11/10	0	12/24/09	40 days	1/21/10	0
OA0901200929-31	11/16/09	11/17/09	Y	Yes	12/12/09	360 days	11/11/10	0	12/24/09	40 days	1/21/10	0
OA0901200933-35	11/16/09	11/17/09	Y	Yes	12/12/09	360 days	11/11/10	0	12/24/09	40 days	1/21/10	0
OA0901200937	11/16/09	11/17/09	Y	Yes	12/12/09	360 days	11/11/10	0	12/24/09	40 days	1/21/10	0

GC/MS VALIDATION WORKSHEET
INITIAL CALIBRATION
EPA Level 4

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	PCBSIM		

Were all standards analyzed at the appropriate concentrations?	**Yes**
Were all samples associated with an acceptable initial calibration?	**Yes**
Were all RRF values met?	**NA**
Were all %RSD values </= 20.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %RSDs?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Compound	%RSD/RRF	Criteria	Action	Associated Samples

CALCULATIONS

RRF Standard ID:	12-23-09 50ppb	Calibration ID:	12/23/2009
Compound ID:	PCB138-158	Compound ID:	PCB180
Reported Result:	0.335	%RSD:	4.41

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%RSD = \frac{\text{Standard Deviation}}{\text{Average RRF}} \times 100$$

		RF Level 1 =	0.2480
Compound Area =	6244	RF Level 2 =	0.2740
I.S. Area =	932466	RF Level 3 =	0.2740
Compound Conc. =	100.0	RF Level 4 =	0.2720
I.S. Conc. =	5000.0	RF Level 5 =	0.2580

RRF =	0.335	Standard Deviation =	0.012	
	Matches	Average RRF =	0.265	Matches
		%RSD =	4.42	Matches

Comments:

GC/MS VALIDATION WORKSHEET
CONTINUING CALIBRATION
EPA Level 4

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: PCBSIM

Were all samples associated with an acceptable continuing calibration?	**Yes**
Were all RRF values >/= 0.05?	**NA**
Were all %D values </= 30?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %Ds?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Compound	RRF/%D	Criteria	Action	Associated Samples

CALCULATIONS

RRF Standard ID: 12/23/2009 16:51
Compound ID: PCB180
Reported Result: 0.276

%D Standard ID: 12/23/2009 16:51
Compound ID: PCB008
Reported %D: -6.3

$$\text{CCV RRF} = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%D = \frac{\text{Average RRF - CCV RRF}}{\text{Average RRF}} \times 100$$

Compound Area = 103100
I.S. Area = 932386
Compound Conc. = 2000.0
I.S. Conc. = 5000.0

Average RRF = 0.620
CCV RRF = 0.583

%D = 6.0 Matches

CCV RRF = 0.276 Matches

%D Indicating Bias = -6.0

Comments:

GC/MS VALIDATION WORKSHEET
BLANKS
EPA Level 4

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Was a blank analyzed for each extraction batch?	**Yes**
Was a storage blank analyzed on each day of analysis?	**NA**
(SVOA) Was a blank analyzed for each GC/MS system?	**Yes**
(VOA) Was a blank analyzed for each 12 hour period?	**NA**
Were all field blanks analyzed appropriately?	**NA**
(VOA) Were all trip blanks analyzed appropriately	**NA**
Were all blanks free of contamination at or above the MDL/CRQL?	**Yes**

Record any contaminants (target or non-target) which were detected in the blanks.

Blank	Compound	Conc. (ug/L)	CRQL (ug/L)	Action Level	Action	Associated Samples

Action
Level = 10 X Blank concentration (common contaminants-methylene chloride, acetone, 2-butanone, phthalates)
5 X Blank concentration (all other TCL compounds)

Comments:

GC/MS VALIDATION WORKSHEET
SURROGATE SPIKES/SYSTEM MONITORING COMPOUNDS - WATER SAMPLES
EPA Level 4

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all surrogate recoveries within the specified criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**

List any samples which did not have acceptable surrogate recoveries.

Sample ID	Surrogate	%Rec.	Control Limits	Action

Any non-detect result associated with a surrogate recovery below 10% should be rejected.

CALCULATIONS

Sample ID: OA0901200901
Compound ID: 2,4,5,6-Tetrachloro-m-Xylene
Reported Result: 119

$$\% \text{ Recovery} = \frac{\text{Conc. Surr. In Sample}}{\text{Conc. Surr. Spiked}} \times 100$$

Conc. In Sample = 1193.0
Surr. Spike Conc. = 1000.0

% Recovery = 119 Matches

Comments:

GC/MS VALIDATION WORKSHEET - MATRIX SPIKES/DUPLICATES
EPA Level 4

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM
Matrix:

Were MS/MSD samples analyzed at the proper frequency?	**Yes**
Were all spike recoveries and RPD values within the established criteria?	**Yes**
Were recalculations performed on a representative sample of the results?	**Yes**

If no, list outliers below.

Spiked Sample ID	Compound Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action

CALCULATIONS

Sample ID: OA0901200921-23
Compound ID: PCB209
Recovery: 117

Sample ID: OA0901200921-23
Compound ID: PCB008
RPD: 12

$$\% \text{ Recovery} = \frac{\text{Conc. MS - Conc. Unspiked Sample}}{\text{MS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{MS Conc. - MSD Conc.}|}{(\text{MS Conc. + MSD Conc.})/2} \times 100$$

Conc. MS = 1174.22
Unspiked Samp. = 0.0
MS Spike Conc. = 1000.0

% Recovery = 117 Matches

MS Conc. = 1082.0
MSD Conc. = 963.0

RPD = 12 Matches

Comments:

GC/MS VALIDATION WORKSHEET
LABORATORY CONTROL SAMPLES
EPA Level 4

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were laboratory control samples analyzed at the proper frequency?	**Yes**
Were all spike recoveries and RPD values within the established criteria?	**Yes**
Were recalculations performed on a representative sample of the results?	**Yes**

If no, list outliers below.

LCS ID	Compound Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action

† LCSD is not required; however, it may be provided in some instances

CALCULATIONS

Sample ID:	12/23/2009 18:17	Sample ID:	11/24/2009
Compound ID:	PCB008	Compound ID:	PCB206
Recovery:	97	RPD:	3

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{LCS Conc.} - \text{LCSD Conc.}|}{(\text{LCS Conc.} + \text{LCSD Conc.})/2} \times 100$$

Conc. LCS =	970.7	LCS Conc. =	939.2
LCS Spike Conc. =	1000.0	LCSD Conc. =	963.2
% Recovery =	97 Matches	RPD =	3 Matches

Comments:

GC/MS VALIDATION WORKSHEET
INTERNAL STANDARDS
EPA Level 4

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: PCBSIM

Were all internal standard values within +/- 50% of the calibration standard? **NA**
Were all internal standard RTs within +/- 30 seconds of the calibration standard? **NA**
Did the raw data agree with the summary report? **NA**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Sample	Internal Standard	Area Counts %	Control Limits	Action
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	

BCM:	Bromochloromethane	DCB:	1,4-Dichlorobenzene-d4	PHN:	Phenanthrene-d10
DFB:	1,4-Difluorobenzene	NPT:	Naphthalene-d8	CRY:	Chrysene-d12
CBZ:	Chlorobenzene-d5	ANT:	Acenaphthene-d10	PRY:	Perylene-d12

Comments:

GC/MS VALIDATION WORKSHEET
TARGET COMPOUND QUANTITATION
EPA Level 4

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**Yes**
Were all positive hits verified by acceptable mass spectra?	**Yes**
Were all retention times within 0.06 RRT units of the daily standard?	**Yes**

CALCULATIONS

Sample ID: OA0901200921-23
Compound ID: PCB101
Reported Result: 3.1

$$\text{Conc. In Sample} = \frac{\text{Area Cmpd. In Sample}}{\text{Area of I.S.}} \times \frac{\text{Conc. of I.S.}}{\text{Average RRF}} \times \frac{\text{Final Volume}}{\text{Initial Amount}} \times \text{Dilution Factor}$$

		Units
Area Sample =	954	Area
Area I.S. =	652686	Area
Conc. I.S. =	5000.0	
Average RRF =	0.339	NA
Final Volume =	2.0	mL
Initial Amount =	20.0	
Dilution Factor =	1.0	NA
Conc. In Sample =	2.2	
Moisture Corrected =	3.1	Matches

29.9 % Moist

Comments - Describe any condition which may have an impact on the identification and/or quantification of the reported results.

Level 4

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA0901200901	091113811	Soil	N	11	OA0901200933-35	0911138126	Soil	N
2	OA0901200903	091113812	Soil	N	12	OA0901200937	0911138119	Soil	N
3	OA0901200905	091113813	Soil	N	13				
4	OA0901200907	091113814	Soil	N	14				
5	OA0901200909-11	0911138120	Soil	N	15				
6	OA0901200913-15	0911138121	Soil	N	16				
7	OA0901200917-19	0911138122	Soil	N	17				
8	OA0901200921-23	0911138123	Soil	N	18				
9	OA0901200925-27	0911138124	Soil	N	19				
10	OA0901200929-31	0911138125	Soil	N	20				

† N = Normal Environmental Sample FB = Field Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Sample Preservation/Handling/Holding Times	A	
II.	Calibration	A	
III.	Blanks	A	
IV.	Laboratory Control Samples (LCS)	A	
V.	Duplicate Sample	A	
VI.	Matrix Spikes (MS)	N	NON-SDG
VII.	Sample Result Verification	A	
VIII.	Overall Assessment of Data	A	
IX.	Field Duplicate	N	
X.	Field Blanks	N	
XI.			

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

Level 4

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were all samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Digested**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA0901200901	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0
OA0901200903	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0
OA0901200905	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0
OA0901200907	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0
OA0901200909-11	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0
OA0901200913-15	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0
OA0901200917-19	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0
OA0901200921-23	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0
OA0901200925-27	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0
OA0901200929-31	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0
OA0901200933-35	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0
OA0901200937	11/16/09	11/17/09	Y	OK	NA	NA			11/23/09	180 days	5/15/10	0

Comments: The date of moisture was used as it has the lowest hold time days of 6 months. The TOC analysis has 1 year and was analyzed on 11-18-09.

Level 4
Initial Calibration

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Were all standards analyzed at appropriate concentrations?	**Yes**
Were instruments calibrated daily?	**Yes**
Were instruments calibrated each time instruments were set up?	**Yes**
Were ICV % Recoveries within limits or correlation coefficient values >/= 0.995?	**Yes**
Were recalculations performed on a representative sample of correlation coefficients?	**NA**

List any standards which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Analyte	%Rec./Corr. Coef.	Criteria	Action	Associated Samples

Calculation if Response = x and Conc. = y:

Standard ID:	TOC 5 9-18-2009	Reported Y-Intercept:	0
Analyte:	TOC	Reported Slope:	0
		R2	0.9979

Conc. (y) = Slope (m) * Response (x) + Y-Intercept (b)

	(x) Response	(y) Conc.
Level 1 =	0	0
Level 2 =	3243	0.9
Level 3 =	18740.5	6
Level 4 =	47458.5	15
Level 5 =	89797	30
Level 6 =		
Level 7 =		

Y-Intercept =	-0.233	
Slope =	0.0003	
r2 =	0.9992	Close Match
r =	0.9996	

Comments: it is noted that the laboratory appears to force through the origin with a weighted curve.

Level 4
Continuing Calibration

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

Were all samples associated with an acceptable continuing calibration? **Yes**
Were CCV %Recoveries within limits or %D values </= 20% ? **Yes**
Were recalculations performed on a representative sample of the %Ds/Rec.s? **Yes**

List any standards which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Analyte	%D/%Rec.	Criteria	Action	Associated Samples

CCV Standard ID: 11/18/2009 13:34
Analyte ID: TOC
CCV % Rec.: 83.07

True CCV Conc. = 6
Found CCV Conc. = 4.984

Calculated % Recovery = 83.07 Matches

Comments:

Level 4
Blanks - Final Findings

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Was a blank analyzed for each preparation batch?	**Yes**
Were all field blanks analyzed appropriately?	**NA**
Were all blanks free of contamination at or above the IDL?	**Yes**

Record any contaminants (target or non-target) with an absolute value >IDL which were detected in the blanks. These values indicate the highest concentration found in any blank on the PB/ICB/CCB worksheet.
Be sure to check the units and indicate bias +/-

Blank ID/ Date	Blank Type	Analyte	Conc. (mg/Kg)	CRQL (mg/Kg)	Action Level	Action	Associated Samples

Action Level = 5 X Blank concentration

Comments:

Level 4
Laboratory Control Sample

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216
Matrix: Soil

Were laboratory control samples analyzed at the proper frequency? **Yes**
Were all spike recoveries within the established criteria? **Yes**
Was at least one recovery recalculated from the raw data? **NA**
If no, list outliers below.

LCS ID	Analyte Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	Action	Associated Samples

CALCULATIONS

LCS ID: 11-18-09 14:44 & 14:54
Analyte ID: TOC
Recovery: 111

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

Conc. LCS = 6.659
LCS Spike Conc. = 6.0

% Recovery = 111 Matches

Comments:

Level 4
Duplicate/Field Duplicate

SDG #: 09111381
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method SW9060/D2216
Matrix: Soil

Was a duplicate sample analyzed at the proper frequency per matrix? **Yes**
Were all RPD values within the established criteria? **Yes**
Was at least one RPD recalculated from the raw data? **NA**
If no, list outliers below.

Sample ID	Analyte Out of Limits	Sample Result	Duplicate Result	RPD	RPD Criteria	Action	Associated Samples

Sample ID: OA0901200933-35
Analyte ID: Moisture
RPD: 3

$$RPD = \frac{|\text{Sample Conc. - Duplicate Conc.}|}{(\text{Sample Conc. + Duplicate Conc.})/2} \times 100$$

Sample Conc. = 30.8
Duplicate Conc. = 31.8

RPD = 3 Matches

Comments: *Note difference in verification report.

Level 4
Matrix Spike

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216
Matrix: Soil

Were MS/MSD samples analyzed at the proper frequency per matrix?	***Yes**
Were all spike recoveries and RPD values within the established criteria?	**NA**
Was at least one recovery recalculated from the raw data?	**NA**

List outliers below.

Spiked Sample ID	Analyte Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	Action	Associated Samples

Comments: *Matrix spike sample from another SDG.

Level 4
Sample Result Verification

SDG #:	09111381	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**Yes**
Are results within calibration range?	**Yes**
Are all detection limits below CRDL?	**Yes**

Sample ID: OA0901200901
Compound ID: TOC
Reported Result: 1.2 PERCENT First replicate used for calculation

Conc. In Sample = Area of sample * (Ave RF/1000) / 1000 ug to mg / Sample Weight in mg * 100 for percent
Divide by Solids

		Units
Area Sample =	4720	Area
Ave RF	325.93	cts
Sample Weight =	202.0	mg
% Solids =	63.50	%

Conc. In Sample =	0.76	Percent	
Dry Weight Corrected =	1.2	Percent	**Matches**

Comments - Describe any condition which may have an impact on the identification and/or quantification of the reported results.

SUMMARY for 09111381

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0901200901	N	o,p'-DDD	7.9	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200901	N	p,p'-DDT	7.9	20.0	20.0 J	ug/kg	C
BNASIM/NONE	SE	OA0901200903	N	p,p'-DDT	7.7	22.0	22.0 J	ug/kg	C
BNASIM/NONE	SE	OA0901200905	N	o,p'-DDD	7.2	6.1 J	6.1 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200907	N	p,p'-DDT	7.2	12.0	12.0 J	ug/kg	C
BNASIM/NONE	SE	OA0901200909-11	N	o,p'-DDD	7.3	6.3 J	6.3 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200909-11	N	p,p'-DDE	7.3	230	230 J	ug/kg	M
BNASIM/NONE	SE	OA0901200909-11	N	p,p'-DDT	7.3	17.0	17.0 J	ug/kg	CMD2
BNASIM/NONE	SE	OA0901200913-15	N	p,p'-DDT	7.3	6.0 J	6.0 J	ug/kg	CTR
BNASIM/NONE	SE	OA0901200917-19	N	o,p'-DDD	7.3	7.2 J	7.2 J	ug/kg	TR
BNASIM/NONE	SE	OA0901200917-19	N	p,p'-DDT	7.3	13.0	13.0 J	ug/kg	C
BNASIM/NONE	SE	OA0901200929-31	N	o,p'-DDT	7.1	5.7 J	5.7 J	ug/kg	CTR
BNASIM/NONE	SE	OA0901200929-31	N	p,p'-DDT	7.1	200	200 J	ug/kg	C
BNASIM/NONE	SE	OA0901200933-35	N	p,p'-DDT	7.2	60.0	60.0 J	ug/kg	C
BNASIM/NONE	SE	OA0901200937	N	p,p'-DDT	7.5	67.0	67.0 J	ug/kg	C
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
PCBSIM/NONE	SE	OA0901200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.2	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200909-11	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200921-23	N	2,4,4'-TRICHLOROBIPHENYL	7.1	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	3.9 J	3.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200933-35	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	2.4 J	2.4 J	ug/kg	TR

PCBSIM/NONE	SE	OA0901200937	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0901200937	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	3.8 J	3.8 J	ug/kg	TR

DATA VALIDATION REPORT
Pesticides

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111479
Analysis:	SW8270-SIM - Pesticides
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA0701200901	091114791	Soil	Pesticides
OA0701200903	091114792	Soil	Pesticides
OA0701200905	091114793	Soil	Pesticides
OA0701200907	091114794	Soil	Pesticides
OA0701200909-11	0911147922	Soil	Pesticides
OA0701200913-15	0911147923	Soil	Pesticides
OA0701200917-19	0911147924	Soil	Pesticides
OA0701200921-23	0911147925	Soil	Pesticides
OA0701200925-27	0911147926	Soil	Pesticides
OA0701200929-31	0911147927	Soil	Pesticides
OA0701200933-35	0911147928	Soil	Pesticides
OA0701200937-39	0911147929	Soil	Pesticides
OA0701200941	0911147921	Soil	Pesticides

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed pesticides in accordance with *Method SW8270-SIM*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample extraction and analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found on the analytical raw data and summary forms. Samples were received properly preserved and refrigerated. The chain of custody records were complete and in agreement with the laboratory sample lists. All technical holding times were met

Action: No qualifiers have been applied.

II. GC/MS INSTRUMENT PERFORMANCE CHECK

Not applicable to this SDG

III. INITIAL CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for compounds on the Target Compound List (TCL). Initial calibration demonstrates that the instrument is capable of acceptable performance and of producing a linear calibration curve.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial calibrations were performed in accordance with the method. All RRFs and RSD values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IV. CONTINUING CALIBRATION

Objective: Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for target compounds at the beginning of the analytical sequence. The continuing calibration establishes the 12 hour relative

response factors on which the quantitations are based and demonstrates satisfactory performance of the instrument on a day to day basis.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Continuing calibrations were performed in accordance with the method. All RRFs and %D values were within control limits, with the exception of those shown in the following table. No calculation or transcription errors were observed.

Date	Analyte	%D	Criteria	Action	Associated Samples
11/30/2009 18:03	2,4-DDE	21.2	≤ 20%	J/None	OA0701200903, OA0701200905, OA0701200941, OA0701200909-11, OA0701200917-19, OA0701200921-23, OA0701200925-27, OA0701200929-31, OA0701200933-35, OA0701200937-39
	4,4-DDE	21.1	≤ 20%	J/None	

Action: Results for compounds demonstrating increased sensitivity from the initial calibration are considered estimated with a potential high bias; those demonstrating decreased sensitivity are considered estimated with a potential low bias. Qualifiers have been applied as indicated in the preceding table.

V. BLANKS

Objective: The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination problems resulting from laboratory and field activities. The criteria for evaluation of blanks apply to any blank associated with the samples (e.g., method blanks, instrument blanks, trip blanks, and equipment blanks). If problems exist with any blank, all associated data must be carefully evaluated to determine whether or not there is an inherent variability in the data, or if the problem is an isolated occurrence not affecting other data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Method blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target compounds were present in the blanks.

Action: No qualifiers have been applied.

VI. SURROGATE SPIKES

Objective: Method performance for individual samples is demonstrated through spiking activities. All samples are spiked with surrogate compounds prior to sample preparation. The sample itself may produce effects due to such factors as interferences and high concentrations of analytes.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All surrogate recoveries were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. MATRIX SPIKES/MATRIX SPIKE DUPLICATES

Objective: Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes and matrix spike duplicates were analyzed at the appropriate frequency. All recoveries and RPD values were within control limits, with the exception of those shown in the following table. No calculation or transcription errors were observed.

Spiked Sample	Analyte	MS %Rec	MSD %Rec	Control Limits	Action	Associated Samples
OA0701200925-27	4,4-DDE	58	37	50-125	J/None	OA0701200925-27

Spiked Sample	Analyte	%RPD	Control Limits	Action	Associated Samples
OA0701200925-27	4,4-DDT	59	≤30 %	J/UJ	OA0701200925-27

Action: Qualifiers have been applied as indicated in the preceding table.

VIII. LABORATORY CONTROL SAMPLES

Objective: Data for laboratory control samples are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IX. REGIONAL QUALITY ASSURANCE AND QUALITY CONTROL

Not applicable to this SDG

X. INTERNAL STANDARDS

Objective: Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run sequence.

Evaluation: Summary forms were not provided for verification.

Action: None.

XI. TARGET COMPOUND IDENTIFICATION

Objective: Qualitative criteria for compound identification have been established to minimize the number of erroneous identifications of compounds, either false positives or false negatives.

Evaluation: Quantitation reports and chromatograms were examined to verify that all peaks were reported as either targets, surrogates, internal standards, or could not be identified as targets.

Target compound retention times were compared to the daily standard and were found to be acceptable. The mass spectra of each reported compound matched the corresponding standard spectra within the specified criteria. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XII. COMPOUND QUANTITATION AND REPORTED CRQLS

Objective: Careful evaluation is required to ensure that the reported quantitation results and contract required quantitation limits (CRQLs) for target compounds are accurate.

Evaluation: Quantitation reports, chromatograms, and sample preparation sheets were examined for all samples to verify the reported results and quantitation limits. Recalculations were performed to verify reported results. Refer to the Reporting Anomalies report for instances where CRQLs were not met.

No calculation errors or other discrepancies were found. The correct internal standards, quantitation ions, and RRFs were used for compound quantitation.

Project requested reporting limits were not met.

Action: No qualifiers have been applied.

XIII. TENTATIVELY IDENTIFIED COMPOUNDS

Not applicable to this SDG

XIV. SYSTEM PERFORMANCE

Objective: During the period following the initial instrument performance checks, changes may occur in the system that degrade the quality of the data. While this degradation would not be directly shown until the next required series of instrument performance checks, a thorough review of the ongoing data acquisition can yield indications of instrument performance.

Evaluation: No chromatographic retention time shifts, changes in resolution, or other indicators of performance degradation were observed throughout any of the analytical sequences.

Action: No qualifiers have been applied.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have warranted the qualification of a minimal portion of the data set. The deficiencies described in this report are not considered cause for serious concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
PCBs

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111479
Analysis:	SW8270-SIM - PCBs
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA0701200901	091114791	Soil	PCBs
OA0701200903	091114792	Soil	PCBs
OA0701200905	091114793	Soil	PCBs
OA0701200907	091114794	Soil	PCBs
OA0701200909-11	0911147922	Soil	PCBs
OA0701200913-15	0911147923	Soil	PCBs
OA0701200917-19	0911147924	Soil	PCBs
OA0701200921-23	0911147925	Soil	PCBs
OA0701200925-27	0911147926	Soil	PCBs
OA0701200929-31	0911147927	Soil	PCBs
OA0701200933-35	0911147928	Soil	PCBs
OA0701200937-39	0911147929	Soil	PCBs
OA0701200941	0911147921	Soil	PCBs

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed PCBs in accordance with *Method SW8270-SIM*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample extraction and analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found on the analytical raw data and summary forms. Samples were received properly preserved and refrigerated. The chain of custody records were complete and in agreement with the laboratory sample lists. All technical holding times were met.

Action: No qualifiers have been applied.

II. GC/MS INSTRUMENT PERFORMANCE CHECK

Not applicable to this SDG

III. INITIAL CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for compounds on the Target Compound List (TCL). Initial calibration demonstrates that the instrument is capable of acceptable performance and of producing a linear calibration curve.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial calibrations were performed in accordance with the method. All RRFs and RSD values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IV. CONTINUING CALIBRATION

Objective: Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for target compounds at the beginning of the analytical sequence. The continuing calibration establishes the 12 hour relative

response factors on which the quantitations are based and demonstrates satisfactory performance of the instrument on a day to day basis.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Continuing calibrations were performed in accordance with the method. All RRFs and %D values were within control limits, with the exception of those shown in the following table. No calculation or transcription errors were observed.

Date	Analyte	%D	Criteria	Action	Associated Samples
11/30/2009	PCB209	35.1	≤ 30%	J/None	OA0701200905, OA0701200907
12/01/2009	PCB187	30.4	≤ 30%	J/None	OA0701200901
	PCB180	32.7	≤ 30%	J/None	
	PCB206	30.9	≤ 30%	J/None	
	PCB209	37.8	≤ 30%	J/None	

Action: Results for compounds demonstrating increased sensitivity from the initial calibration are considered estimated with a potential high bias; those demonstrating decreased sensitivity are considered estimated with a potential low bias. Qualifiers have been applied as indicated in the preceding table.

V. BLANKS

Objective: The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination problems resulting from laboratory and field activities. The criteria for evaluation of blanks apply to any blank associated with the samples (e.g., method blanks, instrument blanks, trip blanks, and equipment blanks). If problems exist with any blank, all associated data must be carefully evaluated to determine whether or not there is an inherent variability in the data, or if the problem is an isolated occurrence not affecting other data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Method blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target analytes were present in the blanks, with the exception of those shown in the following table.

Blank	Analyte	Conc. (ug/L)	CRQL (ug/L)	Action	Associated Samples
099-13-017-28	PCB156	3.9	5	U/None	OA0701200901 OA0701200905

Action: Sample results less than 5 times (10 times for common laboratory contaminants) the concentration found in an associated blank are modified to not detected. The quantitation limit is either the CRQL, or the concentration level originally reported in the sample, whichever is greater. The QC Outlier report has found this contaminate and qualifiers can be seen in the Qualified Results report.

VI. SURROGATE SPIKES

Objective: Method performance for individual samples is demonstrated through spiking activities. All samples are spiked with surrogate compounds prior to sample preparation. The sample itself may produce effects due to such factors as interferences and high concentrations of analytes.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All surrogate recoveries were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. MATRIX SPIKES/MATRIX SPIKE DUPLICATES

Objective: Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes and matrix spike duplicates were analyzed at the appropriate frequency. All recoveries and RPD values were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VIII. LABORATORY CONTROL SAMPLES

Objective: Data for laboratory control samples are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IX. REGIONAL QUALITY ASSURANCE AND QUALITY CONTROL

Not applicable to this SDG

X. INTERNAL STANDARDS

Objective: Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All internal standard area counts and retention times were within the established control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XI. TARGET COMPOUND IDENTIFICATION

Objective: Qualitative criteria for compound identification have been established to minimize the number of erroneous identifications of compounds, either false positives or false negatives.

Evaluation: Quantitation reports and chromatograms were examined to verify that all peaks were reported as either targets, surrogates, internal standards, or could not be identified as targets.

Target compound retention times were compared to the daily standard and were found to be acceptable. The mass spectra of each reported compound matched the corresponding standard spectra within the specified criteria. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XII. COMPOUND QUANTITATION AND REPORTED CRQLS

Objective: Careful evaluation is required to ensure that the reported quantitation results and contract required quantitation limits (CRQLs) for target compounds are accurate.

Evaluation: Quantitation reports, chromatograms, and sample preparation sheets were examined for all samples to verify the reported results and quantitation limits. Recalculations were performed to verify reported results.

No calculation errors or other discrepancies were found. The correct internal standards, quantitation ions, and RRFs were used for compound quantitation.

Project requested reporting limits were not met.

Action: No qualifiers have been applied.

XIII. TENTATIVELY IDENTIFIED COMPOUNDS

Not applicable to this SDG

XIV. SYSTEM PERFORMANCE

Objective: During the period following the initial instrument performance checks, changes may occur in the system that degrade the quality of the data. While this degradation would not be directly shown until the next required series of instrument performance checks, a thorough review of the ongoing data acquisition can yield indications of instrument performance.

Evaluation: No chromatographic retention time shifts, changes in resolution, or other indicators of performance degradation were observed throughout any of the analytical sequences.

Action: No qualifiers have been applied.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have warranted the qualification of a minimal portion of the data set. The deficiencies described in this report are not considered cause for serious concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
Total Organic Carbon

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111479
Analysis:	SW9060 - TOC
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA0701200901	091114791	Soil	Total Organic Carbon - TOC
OA0701200903	091114792	Soil	Total Organic Carbon - TOC
OA0701200905	091114793	Soil	Total Organic Carbon - TOC
OA0701200907	091114794	Soil	Total Organic Carbon - TOC
OA0701200909-11	0911147922	Soil	Total Organic Carbon - TOC
OA0701200913-15	0911147923	Soil	Total Organic Carbon - TOC
OA0701200917-19	0911147924	Soil	Total Organic Carbon - TOC
OA0701200921-23	0911147925	Soil	Total Organic Carbon - TOC
OA0701200925-27	0911147926	Soil	Total Organic Carbon - TOC
OA0701200929-31	0911147927	Soil	Total Organic Carbon - TOC
OA0701200933-35	0911147928	Soil	Total Organic Carbon - TOC
OA0701200937-39	0911147929	Soil	Total Organic Carbon - TOC
OA0701200941	0911147921	Soil	Total Organic Carbon - TOC

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed for total organic carbon in accordance with *USEPA Method SW9060*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found in the laboratory digestion logs and instrument run logs. The chain of custody records were complete and in agreement with the laboratory sample lists. Technical holding times were met for all analyses.

Action: No qualifiers have been applied.

II. CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical sequence, and continuing calibration verification confirms that the initial calibration is valid throughout the analytical run sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial and continuing calibration verification standards were analyzed at the proper frequency in all analytical run sequences, and recoveries were within the required limits. Correlation coefficients for multipoint calibration curves were greater than 0.995 in all cases. No calculation or transcription errors were observed.

It was noted that the calibration curve verification was done using a linear regression, which was determined to be within project acceptance limits but did not match the curve provided by the laboratory. The difference in the correlation coefficients appears to be due to the fact that the laboratory is forcing the curve to the origin along with being weighted. In addition, the sample calculations were determined using response factors (RF) as indicated in the laboratory's SOP.

Action: No qualifiers have been applied.

III. BLANKS

***Objective*:** The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination resulting from laboratory and field activities. The criteria for evaluation of blanks applies to any blank associated with the samples including method blanks, instrument blanks, and equipment blanks. If problems exist with any blank, careful evaluation is required to determine the potential impact on all associated data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Method and instrument blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target analytes were present in the blanks.

Action: No qualifiers have been applied.

IV. LABORATORY CONTROL SAMPLES (LCS)

Objective: The laboratory control sample measures the overall performance of the analytical process, including sample preparation.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

V. DUPLICATE SAMPLE ANALYSIS

Objective: Duplicate analyses are performed in order to assess laboratory precision for each sample matrix.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory duplicates were analyzed at the appropriate frequency with acceptable results. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VI. MATRIX SPIKE SAMPLE ANALYSIS

Objective: Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to

evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. SAMPLE RESULT VERIFICATION

Objective: Careful evaluation is required to ensure that the reported results and contract required detection limits (CRDLs) for target analytes are accurate.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

No errors in transcriptions or data reduction were found. All reported results were within the appropriate calibration ranges.

Action: No qualifiers have been applied.

VIII. FIELD DUPLICATES

No field duplicates were identified in this SDG.

IX. FIELD BLANKS

No field blanks were identified in this SDG.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
Moisture

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09112234
Analysis:	D2216 - Moisture
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
BA2DC01200901	091122341	Soil	Moisture
BA2DC01200903	091122342	Soil	Moisture
BA2DC01200905	091122343	Soil	Moisture
BA2DC01200907	091122344	Soil	Moisture
BA2DC01200909-11	0911223425	Soil	Moisture
BA2DC01200913-15	0911223426	Soil	Moisture
BA2DC01200917-19	0911223427	Soil	Moisture
BA2DC01200921-23	0911223428	Soil	Moisture
BA2DC01200925-27	0911223429	Soil	Moisture
BA2DC01200929-31	0911223430	Soil	Moisture
BA2DC01200933-35	0911223431	Soil	Moisture
BA2DC01200937-39	0911223432	Soil	Moisture
BA2DC01200941-43	0911223433	Soil	Moisture
BA2DC01200945-47	0911223434	Soil	Moisture

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed moisture in accordance with *Method D2216*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found in the laboratory digestion logs and instrument run logs. The chain of custody records were complete and in agreement with the laboratory sample lists. Technical holding times were met for all analyses.

Action: No qualifiers have been applied.

II. CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria.

Action: No qualifiers have been applied.

III. BLANKS

***Objective*:** The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination resulting from laboratory and field activities. The criteria for evaluation of blanks applies to any blank associated with the samples including method blanks, instrument blanks, and equipment blanks. If problems exist with any blank, careful evaluation is required to determine the potential impact on all associated data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Method and instrument blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. Reportable concentrations of the target analytes were not observed in any of the blanks.

Action: No qualifiers have been applied.

IV. DUPLICATE SAMPLE ANALYSIS

Objective: Duplicate analyses are performed in order to assess laboratory precision for each sample matrix.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory duplicates were analyzed at the appropriate frequency with acceptable results. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

V. SAMPLE RESULT VERIFICATION

Objective: Careful evaluation is required to ensure that reported results and contract required detection limits (CRDLs) for target analytes are accurate.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

No errors in transcriptions or data reduction were found. All reported results were within the appropriate calibration ranges.

Action: No qualifiers have been applied.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

GC/MS VALIDATION WORKSHEET
EPA Level 4

SDG #: 09111749
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: BNASIM

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA0701200901	091114791	SO	N	11	OA0701200933-35	0911147928	SO	N
2	OA0701200903	091114792	SO	N	12	OA0701200937-39	0911147929	SO	N
3	OA0701200905	091114793	SO	N	13	OA0701200941	0911147921	SO	N
4	OA0701200907	091114794	SO	N	14				
5	OA0701200909-11	0911147922	SO	N	15				
6	OA0701200913-15	0911147923	SO	N	16				
7	OA0701200917-19	0911147924	SO	N	17				
8	OA0701200921-23	0911147925	SO	N	18				
9	OA0701200925-27	0911147926	SO	N	19				
#	OA0701200929-31	0911147927	SO	N	20				

† N = Normal Environmental Sample EB = Equipment Blank AB = Ambient Blank
TB = Trip Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Technical Holding Times/Sample Receipt	A	
II.	Instrument Performance	N	
III.	Initial Calibration	A	
IV.	Continuing Calibration	SW	
V.	Blanks	A	
VI.	Surrogate Spikes	A	
VII.	Matrix Spikes/Matrix Spike Duplicates	SW	
VIII.	Laboratory Control Samples	A	
IX.	Internal Standards	N	
X.	Target Compound Identification	A	
XI.	Compound Quantitation and Reported CRQLs	SW	Compounds did not meet the project RLs.
XII.	System Performance	N	

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level 4

SDG #: 09111749
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: BNASIM

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA0701200901	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/1/09	40 days	12/31/09	0
OA0701200903	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/1/09	40 days	12/31/09	0
OA0701200905	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/1/09	40 days	12/31/09	0
OA0701200907	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/2/09	40 days	12/31/09	0
OA0701200909-11	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/2/09	40 days	12/31/09	0
OA0701200913-15	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/2/09	40 days	12/31/09	0
OA0701200917-19	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/2/09	40 days	12/31/09	0
OA0701200921-23	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/2/09	40 days	12/31/09	0
OA0701200925-27	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/1/09	40 days	12/31/09	0
OA0701200929-31	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/1/09	40 days	12/31/09	0
OA0701200933-35	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/1/09	40 days	12/31/09	0
OA0701200937-39	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/1/09	40 days	12/31/09	0
OA0701200941	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/1/09	40 days	12/31/09	0

Comments:

GC/MS VALIDATION WORKSHEET
INITIAL CALIBRATION
EPA Level 4

SDG #:	09111749	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all standards analyzed at the appropriate concentrations?	**Yes**
Were all samples associated with an acceptable initial calibration?	**Yes**
Were all RRF values met?	**NA**
Were all %RSD values </= 20.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %RSDs?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Compound	%RSD/RRF	Criteria	Action	Associated Samples

CALCULATIONS

RRF Standard ID:	11-19-09 50ppb	Calibration ID:	11/19/2009
Compound ID:	4,4-DDD	Compound ID:	4,4-DDT
Reported Result:	0.722	%RSD:	14.88

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%RSD = \frac{\text{Standard Deviation}}{\text{Average RRF}} \times 100$$

		RF Level 1 =	0.5210
Compound Area =	3925	RF Level 2 =	0.4910
I.S. Area =	543464	RF Level 3 =	0.5950
Compound Conc. =	50.0	RF Level 4 =	0.6630
I.S. Conc. =	5000.0	RF Level 5 =	0.6960

RRF =	0.722	Standard Deviation =	0.088	
	Matches	Average RRF =	0.5932	Matches
		%RSD =	14.86	Matches

Comments:

GC/MS VALIDATION WORKSHEET
CONTINUING CALIBRATION
EPA Level 4

SDG #:	09111749	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	BNASIM		

Were all samples associated with an acceptable continuing calibration?	**Yes**
Were all RRF values >/= 0.05?	**NA**
Were all %D values </= 20.0?	**No**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %Ds?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Compound	RRF/%D	Criteria	Action	Associated Samples
11/30/09	2,4-DDE	21.2	<=20	J/None	OA0701200903
18:03	4,4-DDE	21.1	<=20	J/None	OA0701200905
					OA0701200941
					OA0701200909-11
					OA0701200917-19
					OA0701200921-23
					OA0701200925-27
					OA0701200929-31
					OA0701200933-35
					OA0701200937-39

CALCULATIONS

RRF Standard ID:	11-30-09 18:03 1000 ppb	Calibration ID:	11-30-09 18:03 1000
Compound ID:	4,4-DDT	Compound ID:	4,4-DDD
Reported Result:	0.568	%RSD:	6.7

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%D = \frac{\text{Average RRF - CCV RRF}}{\text{Average RRF}} \text{ X } 100$$

Compound Area =	54757	Average RRF =	0.764
I.S. Area =	482215	CCV RRF =	0.713
Compound Conc. =	1000.0		
I.S. Conc. =	5000.0	%D =	6.7 Matches

RRF = 0.568
Matches

%D Indicating Bias = -6.7

Comments:

GC/MS VALIDATION WORKSHEET
BLANKS
EPA Level 4

SDG #:	09111749	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Was a blank analyzed for each extraction batch?	**Yes**
Was a storage blank analyzed on each day of analysis?	**Yes**
(SVOA) Was a blank analyzed for each GC/MS system?	**Yes**
(VOA) Was a blank analyzed for each 12 hour period?	**NA**
Were all field blanks analyzed appropriately?	**NA**
(VOA) Were all trip blanks analyzed appropriately	**NA**
Were all blanks free of contamination at or above the MDL/CRQL?	**Yes**

Record any contaminants (target or non-target) which were detected in the blanks.

Blank	Compound	Conc. (ug/L)	CRQL (ug/L)	Action Level	Action	Associated Samples

Action
Level = 10 X Blank concentration (common contaminants-methylene chloride, acetone, 2-butanone, phthalates)
5 X Blank concentration (all other TCL compounds)

Comments:

GC/MS VALIDATION WORKSHEET
SURROGATE SPIKES/SYSTEM MONITORING COMPOUNDS - WATER SAMPLES
EPA Level 4

SDG #:	09111749	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all surrogate recoveries within the specified criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**

List any samples which did not have acceptable surrogate recoveries.

Sample ID	Surrogate	%Rec.	Control Limits	Action

Any non-detect result associated with a surrogate recovery below 10% should be rejected.

CALCULATIONS

Sample ID: OA0701200901
Compound ID: 2,4,5,6-Tetrachloro-m-Xylene
Reported Result: 79

$$\% \text{ Recovery} = \frac{\text{Conc. Surr. In Sample}}{\text{Conc. Surr. Spiked}} \times 100$$

Conc. In Sample = 790.4
Surr. Spike Conc. = 1000.0

% Recovery = 79 Matches

Comments:

GC/MS VALIDATION WORKSHEET - MATRIX SPIKES/DUPLICATES
EPA Level 4

SDG #: 09111749
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: BNASIM
Matrix:

Were MS/MSD samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **No**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

Spiked Sample ID	Compound Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action
OA0701200925-27	4,4-DDE	58	37	50-125			OA0701200925-27	J/UJ
	4,4-DDT	†111	†61		59	<=30	OA0701200925-27	J/UJ

CALCULATIONS

Sample ID: OA0701200925-27
Compound ID: 4,4-DDE
Recovery: 58

Sample ID: OA0701200925-27
Compound ID: 4,4-DDT
RPD: 59

$$\% \text{ Recovery} = \frac{\text{Conc. MS - Conc. Unspiked Sample}}{\text{MS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{MS Conc. - MSD Conc.}|}{(\text{MS Conc. + MSD Conc.})/2} \times 100$$

Conc. MS = 1429
Unspiked Samp. = 845
MS Spike Conc. = 1000

% Recovery = 58 Matches

MS Conc. = 1112.0
MSD Conc. = 607.0

RPD = 59 Matches

Comments: †Used as a comparison

GC/MS VALIDATION WORKSHEET
LABORATORY CONTROL SAMPLES
EPA Level 4

SDG #:	09111749	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were laboratory control samples analyzed at the proper frequency?	**Yes**
Were all spike recoveries and RPD values within the established criteria?	**Yes**
Were recalculations performed on a representative sample of the results?	**Yes**

If no, list outliers below.

LCS ID	Compound Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action

† LCSD is not required; however, it may be provided in some instances

CALCULATIONS

Sample ID:	099-13-013-8	Sample ID:	099-13-013-8
Compound ID:	4,4-DDE	Compound ID:	2,4-DDD
Recovery:	97	RPD:	14

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{LCS Conc.} - \text{LCSD Conc.}|}{(\text{LCS Conc.} + \text{LCSD Conc.})/2} \times 100$$

Conc. LCS =	965.6	LCS Conc. =	1086
LCS Spike Conc. =	1000.0	LCSD Conc. =	942
% Recovery =	97 Matches	RPD =	14 Matches

Comments:

GC/MS VALIDATION WORKSHEET
INTERNAL STANDARDS
EPA Level 4

SDG #:	09111749	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all internal standard values within +/- 50% of the calibration standard?	**NA**
Were all internal standard RTs within +/- 30 seconds of the calibration standard?	**NA**
Did the raw data agree with the summary report?	**NA**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Sample	Internal Standard	Area Counts %	Control Limits	Action
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	

BCM:	Bromochloromethane	DCB:	1,4-Dichlorobenzene-d4	PHN:	Phenanthrene-d10
DFB:	1,4-Difluorobenzene	NPT:	Naphthalene-d8	CRY:	Chrysene-d12
CBZ:	Chlorobenzene-d5	ANT:	Acenaphthene-d10	PRY:	Perylene-d12

Comments:

GC/MS VALIDATION WORKSHEET
TARGET COMPOUND QUANTITATION
EPA Level 4

SDG #:	09111749	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**Yes**
Were all positive hits verified by acceptable mass spectra?	**Yes**
Were all retention times within 0.06 RRT units of the daily standard?	**NA**

CALCULATIONS

Sample ID: OA0701200901
Compound ID: 4,4-DDE
Reported Result: 1100

$$\text{Conc. In Sample} = \frac{\text{Area Cmpd. In Sample}}{\text{Area of I.S.}} \times \frac{\text{Conc. of I.S.}}{\text{Average RRF}} \times \frac{\text{Final Volume}}{\text{Initial Amount}} \times \text{Dilution Factor}$$

		Units
Area Sample =	222713	Area
Area I.S. =	419998	Area
Conc. I.S. =	5000	
Average RRF =	0.532	NA
Final Volume =	2.0	mL
Initial Amount =	20.0	
Dilution Factor =	1.0	NA

Conc. In Sample = 498.4
Moisture Corrected = 1074 Matches 53.6 % Moist

Comments - Compounds did not meet the project RLs.

GC/MS VALIDATION WORKSHEET
EPA Level 4

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/23/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: PCBSIM

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA0701200901	091114791	SO	N	11	OA0701200933-35	0911147928	SO	N
2	OA0701200903	091114792	SO	N	12	OA0701200937-39	0911147929	SO	N
3	OA0701200905	091114793	SO	N	13	OA0701200941	0911147921	SO	N
4	OA0701200907	091114794	SO	N	14				
5	OA0701200909-11	0911147922	SO	N	15				
6	OA0701200913-15	0911147923	SO	N	16				
7	OA0701200917-19	0911147924	SO	N	17				
8	OA0701200921-23	0911147925	SO	N	18				
9	OA0701200925-27	0911147926	SO	N	19				
#	OA0701200929-31	0911147927	SO	N	20				

† N = Normal Environmental Sample EB = Equipment Blank AB = Ambient Blank
TB = Trip Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Technical Holding Times/Sample Receipt	A	
II.	Instrument Performance	N	
III.	Initial Calibration	A	
IV.	Continuing Calibration	SW	
V.	Blanks	SW	See ADR Report
VI.	Surrogate Spikes	A	
VII.	Matrix Spikes/Matrix Spike Duplicates	A	
VIII.	Laboratory Control Samples	A	
IX.	Internal Standards	N	
X.	Target Compound Identification	A	
XI.	Compound Quantitation and Reported CRQLs	SW	Compounds did not meet the project RLs.
XII.	System Performance	N	

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level 4

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: PCBSIM

Date: 2/23/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA0701200901	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	12/1/09	40 days	12/31/09	0
OA0701200903	11/17/09	11/18/09	Y	Yes	12/12/09	360 days	11/12/10	0	12/26/09	40 days	1/21/10	0
OA0701200905	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	11/30/09	40 days	12/31/09	0
OA0701200907	11/17/09	11/18/09	Y	Yes	11/21/09	360 days	11/12/10	0	11/30/09	40 days	12/31/09	0
OA0701200909-11	11/17/09	11/18/09	Y	Yes	12/12/09	360 days	11/12/10	0	12/26/09	40 days	1/21/10	0
OA0701200913-15	11/17/09	11/18/09	Y	Yes	12/12/09	360 days	11/12/10	0	12/26/09	40 days	1/21/10	0
OA0701200917-19	11/17/09	11/18/09	Y	Yes	12/12/09	360 days	11/12/10	0	12/26/09	40 days	1/21/10	0
OA0701200921-23	11/17/09	11/18/09	Y	Yes	12/12/09	360 days	11/12/10	0	12/26/09	40 days	1/21/10	0
OA0701200925-27	11/17/09	11/18/09	Y	Yes	12/12/09	360 days	11/12/10	0	12/26/09	40 days	1/21/10	0
OA0701200929-31	11/17/09	11/18/09	Y	Yes	12/12/09	360 days	11/12/10	0	12/26/09	40 days	1/21/10	0
OA0701200933-35	11/17/09	11/18/09	Y	Yes	12/12/09	360 days	11/12/10	0	12/26/09	40 days	1/21/10	0
OA0701200937-39	11/17/09	11/18/09	Y	Yes	12/12/09	360 days	11/12/10	0	12/26/09	40 days	1/21/10	0
OA0701200941	11/17/09	11/18/09	Y	Yes	12/12/09	360 days	11/12/10	0	12/26/09	40 days	1/21/10	0

Comments:

GC/MS VALIDATION WORKSHEET
INITIAL CALIBRATION
EPA Level 4

SDG #:	09111479	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all standards analyzed at the appropriate concentrations?	**Yes**
Were all samples associated with an acceptable initial calibration?	**Yes**
Were all RRF values met?	**NA**
Were all %RSD values </= 20.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %RSDs?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Compound	%RSD/RRF	Criteria	Action	Associated Samples

CALCULATIONS

RRF Standard ID:	11-27-09 50ppb	Calibration ID:	11/27/2009
Compound ID:	PCB008	Compound ID:	PCB180
Reported Result:	0.490	%RSD:	2.4

RRF = Compound Area X I.S. Conc. / I.S. Area X Compound Conc.

%RSD = Standard Deviation / Average RRF X 100

		RF Level 1 =	0.202
Compound Area =	3798	RF Level 2 =	0.210
I.S. Area =	775066	RF Level 3 =	0.212
Compound Conc. =	50.0	RF Level 4 =	0.213
I.S. Conc. =	5000.0	RF Level 5 =	0.203

RRF =	0.490	Standard Deviation =	0.005	
	Matches	Average RRF =	0.208	Matches
		%RSD =	2.47	Close Match

Comments:

GC/MS VALIDATION WORKSHEET
CONTINUING CALIBRATION
EPA Level 4

SDG #:	09111479	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all samples associated with an acceptable continuing calibration?	**Yes**
Were all RRF values >/= 0.05?	**NA**
Were all %D values </= 30.0?	**No**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %Ds?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Compound	RRF/%D	Criteria	Action	Associated Samples
11/30/09	PCB209	35.1	<=30	J/None	OA0701200905, OA0701200907
12/1/09	PCB187	30.4	<=30	J/None	OA0701200901
	PCB180	32.7	<=30	J/None	
	PCB206	30.9	<=30	J/None	
	PCB209	37.8	<=30	J/None	

CALCULATIONS

RRF Standard ID:	12/1/2009	Calibration ID:	12/1/2009
Compound ID:	PCB187	Compound ID:	PCB209
Reported Result:	0.270	%RSD:	37.8

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%D = \frac{\text{Average RRF - CCV RRF}}{\text{Average RRF}} \text{ X } 100$$

Compound Area =	31233	Average RRF =	0.074	
I.S. Area =	578564	CCV RRF =	0.102	
Compound Conc. =	1000.0			
I.S. Conc. =	5000.0	%D =	-37.8	Matches

RRF = 0.270
Matches

%D Indicating Bias = 37.8

Comments:

GC/MS VALIDATION WORKSHEET
BLANKS
EPA Level 4

SDG #:	09111479	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	PCBSIM		

Was a blank analyzed for each extraction batch?	**Yes**
Was a storage blank analyzed on each day of analysis?	**Yes**
(SVOA) Was a blank analyzed for each GC/MS system?	**Yes**
(VOA) Was a blank analyzed for each 12 hour period?	**NA**
Were all field blanks analyzed appropriately?	**NA**
(VOA) Were all trip blanks analyzed appropriately	**NA**
Were all blanks free of contamination at or above the MDL/CRQL?	**No**

Record any contaminants (target or non-target) which were detected in the blanks.

Blank	Compound	Conc. (ug/L)	CRQL (ug/L)	Action Level	Action	Associated Samples
099-13-017-28	PCB156	3.9	5	19.5	U/None	OA0701200901
						OA0701200905

Action
Level = 10 X Blank concentration (common contaminants-methylene chloride, acetone, 2-butanone, phthalates)
5 X Blank concentration (all other TCL compounds)

Comments:

GC/MS VALIDATION WORKSHEET
SURROGATE SPIKES/SYSTEM MONITORING COMPOUNDS - WATER SAMPLES
EPA Level 4

SDG #:	09111479	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all surrogate recoveries within the specified criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**

List any samples which did not have acceptable surrogate recoveries.

Sample ID	Surrogate	%Rec.	Control Limits	Action

Any non-detect result associated with a surrogate recovery below 10% should be rejected.

CALCULATIONS

Sample ID: OA0701200901
Compound ID: 2,4,5,6-Tetrachloro-m-Xylene
Reported Result: 68

$$\% \text{ Recovery} = \frac{\text{Conc. Surr. In Sample}}{\text{Conc. Surr. Spiked}} \times 100$$

Conc. In Sample = 683.3
Surr. Spike Conc. = 1000.0

% Recovery = 68.3 Matches

Comments:

GC/MS VALIDATION WORKSHEET - MATRIX SPIKES/DUPLICATES
EPA Level 4

SDG #:	09111479	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM
Matrix:

Were MS/MSD samples analyzed at the proper frequency?	**Yes**
Were all spike recoveries and RPD values within the established criteria?	**Yes**
Were recalculations performed on a representative sample of the results?	**Yes**

If no, list outliers below.

Spiked Sample ID	Compound Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action
				50-125				

CALCULATIONS

Sample ID: OA0701200921-23
Compound ID: PCB008
Recovery: 67

Sample ID: OA0701200921-23
Compound ID: PCB209
RPD: 1

$$\% \text{ Recovery} = \frac{\text{Conc. MS - Conc. Unspiked Sample}}{\text{MS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{MS Conc. - MSD Conc.}|}{(\text{MS Conc. + MSD Conc.})/2} \times 100$$

Conc. MS = 675
Unspiked Samp. = 0
MS Spike Conc. = 1000

% Recovery = 67 Matches

MS Conc. = 739.8
MSD Conc. = 729.4

RPD = 1 Matches

Comments:

GC/MS VALIDATION WORKSHEET
LABORATORY CONTROL SAMPLES
EPA Level 4

SDG #:	09111479	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were laboratory control samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

LCS ID	Compound Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action

† LCSD is not required; however, it may be provided in some instances

CALCULATIONS

Sample ID:	099-13-017-75	Sample ID:	099-13-017-75
Compound ID:	PCB008	Compound ID:	PCB018
Recovery:	74	RPD:	6

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{LCS Conc.} - \text{LCSD Conc.}|}{(\text{LCS Conc.} + \text{LCSD Conc.})/2} \times 100$$

Conc. LCS = 737.9
LCS Spike Conc. = 1000.0

LCS Conc. = 796
LCSD Conc. = 846

% Recovery = 74 Matches

RPD = 6 Matches

Comments:

GC/MS VALIDATION WORKSHEET
INTERNAL STANDARDS
EPA Level 4

SDG #:	09111479	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all internal standard values within +/- 50% of the calibration standard?	**NA**
Were all internal standard RTs within +/- 30 seconds of the calibration standard?	**NA**
Did the raw data agree with the summary report?	**NA**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Sample	Internal Standard	Area Counts %	Control Limits	Action
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	

BCM:	Bromochloromethane	DCB:	1,4-Dichlorobenzene-d4	PHN:	Phenanthrene-d10
DFB:	1,4-Difluorobenzene	NPT:	Naphthalene-d8	CRY:	Chrysene-d12
CBZ:	Chlorobenzene-d5	ANT:	Acenaphthene-d10	PRY:	Perylene-d12

Comments:

GC/MS VALIDATION WORKSHEET
TARGET COMPOUND QUANTITATION
EPA Level 4

SDG #:	09111479	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**Yes**
Were all positive hits verified by acceptable mass spectra?	**Yes**
Were all retention times within 0.06 RRT units of the daily standard?	**NA**

CALCULATIONS

Sample ID: OA0701200901
Compound ID: PCB138/158
Reported Result: **11**

$$\text{Conc. In Sample} = \frac{\text{Area Cmpd. In Sample}}{\text{Area of I.S.}} \times \frac{\text{Conc. of I.S.}}{\text{Average RRF}} \times \frac{\text{Final Volume}}{\text{Initial Amount}} \times \text{Dilution Factor}$$

		Units
Area Sample =	1931	Area
Area I.S. =	614861	Area
Conc. I.S. =	5000	
Average RRF =	0.296	NA
Final Volume =	2.0	mL
Initial Amount =	20.1	
Dilution Factor =	1.0	NA

Conc. In Sample = 5.3
Moisture Corrected = 11 Matches 53.6 % Moist

Comments - Compounds did not meet the project RLs.

Level 4

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA0701200901	091114791	Soil	N	11	OA0701200933-35	0911147928	Soil	N
2	OA0701200903	091114792	Soil	N	12	OA0701200937-39	0911147929	Soil	N
3	OA0701200905	091114793	Soil	N	13	OA0701200941	0911147921	Soil	N
4	OA0701200907	091114794	Soil	N	14				
5	OA0701200909-11	0911147922	Soil	N	15				
6	OA0701200913-15	0911147923	Soil	N	16				
7	OA0701200917-19	0911147924	Soil	N	17				
8	OA0701200921-23	0911147925	Soil	N	18				
9	OA0701200925-27	0911147926	Soil	N	19				
10	OA0701200929-31	0911147927	Soil	N	20				

† N = Normal Environmental Sample FB = Field Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Sample Preservation/Handling/Holding Times	A	
II.	Calibration	A	
III.	Blanks	A	
IV.	Laboratory Control Samples (LCS)	A	
V.	Duplicate Sample	A	
VI.	Matrix Spikes (MS)	A	
VII.	Sample Result Verification	A	
VIII.	Overall Assessment of Data	A	
IX.	Field Duplicate	N	
X.	Field Blanks	N	
XI.			

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

Level 4

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were all samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Digested**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA0701200901	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200903	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200905	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200907	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200909-11	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200913-15	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200917-19	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200921-23	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200925-27	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200929-31	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200933-35	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200937-39	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0
OA0701200941	11/17/09	11/18/09	Y	OK	NA	NA			11/21/09	180 days	5/16/10	0

Comments: The date of moisture was used as it has the lowest hold time days of 6 months. The TOC analysis has 1 year and was analyzed on 11-24-09.

Level 4
Initial Calibration

SDG #:	09111479	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Were all standards analyzed at appropriate concentrations?	**Yes**
Were instruments calibrated daily?	**Yes**
Were instruments calibrated each time instruments were set up?	**Yes**
Were ICV % Recoveries within limits or correlation coefficient values >/= 0.995?	**Yes**
Were recalculations performed on a representative sample of correlation coefficients?	**NA**

List any standards which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Analyte	%Rec./Corr. Coef.	Criteria	Action	Associated Samples

Calculation if Response = x and Conc. = y:

Standard ID: TOC 4 9-17-2009
Analyte: TOC

Reported Y-Intercept: 0
Reported Slope: 0
R2 0.9966

Conc. (y) = Slope (m) * Response (x) + Y-Intercept (b)

	(x) Response	(y) Conc.
Level 1 =	0	0
Level 2 =	3723	0.9
Level 3 =	19145	6
Level 4 =	45279.5	15
Level 5 =	89384.5	30

Y-Intercept = -0.265
Slope = 0.0003
r2 = 0.9998 Close Match
r = 0.9999

Comments: it is noted that the laboratory appears to force through the origin with a weighted curve.

Level 4
Continuing Calibration

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

Were all samples associated with an acceptable continuing calibration? **Yes**
Were CCV %Recoveries within limits or %D values </= 20% ? **Yes**
Were recalculations performed on a representative sample of the %Ds/Rec.s? **Yes**

List any standards which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Analyte	%D/%Rec.	Criteria	Action	Associated Samples

CCV Standard ID: 11/24/2009 0:00
Analyte ID: TOC
CCV % Rec.: 107.2

True CCV Conc. = 6
Found CCV Conc. = 6.4325

Calculated % Recovery = 107.2 Matches

Comments:

Level 4
Blanks - Final Findings

SDG #:	09111479	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 2
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Was a blank analyzed for each preparation batch?	**Yes**
Were all field blanks analyzed appropriately?	**NA**
Were all blanks free of contamination at or above the IDL?	**Yes**

Record any contaminants (target or non-target) with an absolute value >IDL which were detected in the blanks. These values indicate the highest concentration found in any blank on the PB/ICB/CCB worksheet.
Be sure to check the units and indicate bias +/-

Blank ID/ Date	Blank Type	Analyte	Conc. (mg/Kg)	CRQL (mg/Kg)	Action Level	Action	Associated Samples

Action Level = 5 X Blank concentration

Comments:

Level 4
Laboratory Control Sample

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216
Matrix: Soil

Were laboratory control samples analyzed at the proper frequency? **Yes**
Were all spike recoveries within the established criteria? **Yes**
Was at least one recovery recalculated from the raw data? **NA**
If no, list outliers below.

LCS ID	Analyte Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	Action	Associated Samples

CALCULATIONS

LCS ID: 11/24/2009
Analyte ID: TOC
Recovery: 90.3

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

Conc. LCS = 5.417
LCS Spike Conc. = 6.0

% Recovery = 90.3 Matches

Comments:

Level 4
Duplicate/Field Duplicate

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/22/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method SW9060/D2216
Matrix: Soil

Was a duplicate sample analyzed at the proper frequency per matrix? **Yes**
Were all RPD values within the established criteria? **Yes**
Was at least one RPD recalculated from the raw data? **NA**
If no, list outliers below.

Sample ID	Analyte Out of Limits	Sample Result	Duplicate Result	RPD	RPD Criteria	Action	Associated Samples

Sample ID: OA0701200937-39
Analyte ID: Moisture
RPD: 1

$$RPD = \frac{|\text{Sample Conc.} - \text{Duplicate Conc.}|}{(\text{Sample Conc.} + \text{Duplicate Conc.})/2} \times 100$$

Sample Conc. = 28.7
Duplicate Conc. = 28.5

RPD = 1 Matches

Comments:

Level 4
Matrix Spike

SDG #:	09111479	Date:	2/22/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216
Matrix: Soil

Were MS/MSD samples analyzed at the proper frequency per matrix?	**Yes**
Were all spike recoveries and RPD values within the established criteria?	**Yes**
Was at least one recovery recalculated from the raw data?	**Yes**

List outliers below.

Spiked Sample ID	Analyte Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	Action	Associated Samples

Sample ID: OA0701200941
Analyte ID: TOC
Recovery: 91 RPD 2

$$\% \text{ Recovery} = \frac{\text{Conc. MS - Conc. Unspiked Sample}}{\text{MS Spike Conc.}} \times 100$$

Conc. MS Sample = 38300
Unspiked Samp. = 11100
MS Spike Conc. = 30000

% Recovery = 91 Matches

$$\text{RPD} = \frac{|\text{MS Conc. - MSD Conc.}|}{(\text{MS Conc. + MSD Conc.})/2} \times 100$$

MS Conc. = 3.83
MSD Conc. = 3.93

RPD = 2.6 Close Match

Comments:

Level 4
Sample Result Verification

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Were recalculations performed on at least 10% of positive results?	**NA**
Did all raw data agree with the final reported results?	**NA**
Are results within calibration range?	**Yes**
Are all detection limits below CRDL?	**Yes**

Sample ID: OA0701200901
Compound ID: TOC
Reported Result: 3.1 PERCENT Used Averages (areas and weights)

Conc. In Sample = Area of sample * (Ave RF/1000) / 1000 ug to mg / Sample Weight in mg * 100 for percent
Divide by Solids

		Units
Area Sample =	9089	Area
Ave RF	329.46	cts
Sample Weight =	206.5	mg
% Solids =	46.40	%

Conc. In Sample =	1.45	Percent		
Dry Weight Corrected =	3.1	Percent	**Matches**	53.6% moist

Comments - Describe any condition which may have an impact on the identification and/or quantification of the reported results.

SUMMARY for 09111479

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA0701200901	N	p,p'-DDD	11.0	590	590 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200901	N	p,p'-DDT	11.0	35.0	35.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200903	N	p,p'-DDD	9.9	970	970 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200903	N	o,p'-DDE	9.9	330	330 J	ug/kg	C
BNASIM/NONE	SE	OA0701200903	N	o,p'-DDT	9.9	7.8 J	7.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0701200905	N	p,p'-DDD	120	2000 D	2000 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200905	N	o,p'-DDE	12.0	590	590 J	ug/kg	C
BNASIM/NONE	SE	OA0701200905	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	120	1700 D	1700 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200905	N	1,1-bis(p-chlorophenyl)ethane	12.0	300	300 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200905	N	p,p'-DDT	12.0	190	190 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200907	N	o,p'-DDE	130	1800 D	1800 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200907	N	p,p'-DDE	130	7800 D	7800 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200907	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	130	4800 D	4800 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200907	N	1,1-bis(p-chlorophenyl)ethane	13.0	1000	1000 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200909-11	N	p,p'-DDD	12.0	860	860 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200909-11	N	o,p'-DDE	12.0	1100	1100 J	ug/kg	C
BNASIM/NONE	SE	OA0701200909-11	N	p,p'-DDT	12.0	41.0	41.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200913-15	N	p,p'-DDT	11.0	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200917-19	N	o,p'-DDD	9.7	220	220 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200917-19	N	p,p'-DDD	97.0	1900 D	1900 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200917-19	N	o,p'-DDE	9.7	810	810 J	ug/kg	CD3
BNASIM/NONE	SE	OA0701200917-19	N	p,p'-DDE	97.0	4900 D	4900 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200917-19	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	97.0	840 D	840 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200917-19	N	1,1-bis(p-chlorophenyl)ethane	9.7	460	460 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200917-19	N	p,p'-DDT	9.7	73.0	73.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200921-23	N	o,p'-DDD	7.9	33.0	33.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200921-23	N	p,p'-DDD	7.9	180	180 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200921-23	N	o,p'-DDE	7.9	150	150 J	ug/kg	CD3
BNASIM/NONE	SE	OA0701200921-23	N	p,p'-DDE	39.0	800 D	800 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200921-23	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.9	300	300 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200921-23	N	1,1-bis(p-chlorophenyl)ethane	7.9	110	110 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200921-23	N	p,p'-DDT	7.9	7.9 U	7.9 UJ	ug/kg	D3
BNASIM/NONE	SE	OA0701200925-27	N	o,p'-DDD	7.1	4.6 J	4.6 J	ug/kg	TRD3

BNASIM/NONE	SE	OA0701200925-27	N	p,p'-DDD	7.1	15.0	15.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200925-27	N	o,p'-DDE	7.1	22.0	22.0 J	ug/kg	CD3
BNASIM/NONE	SE	OA0701200925-27	N	p,p'-DDE	7.1	120	120 J	ug/kg	CMD3
BNASIM/NONE	SE	OA0701200925-27	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	46.0	46.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200925-27	N	1,1-bis(p-chlorophenyl)ethane	7.1	17.0	17.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200925-27	N	p,p'-DDT	7.1	7.1 U	7.1 UJ	ug/kg	D2
BNASIM/NONE	SE	OA0701200929-31	N	p,p'-DDD	7.6	99.0	99.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200929-31	N	o,p'-DDE	7.6	79.0	79.0 J	ug/kg	CD3
BNASIM/NONE	SE	OA0701200929-31	N	p,p'-DDE	7.6	340	340 J	ug/kg	CD3
BNASIM/NONE	SE	OA0701200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.6	240	240 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.6	47.0	47.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200933-35	N	o,p'-DDD	7.2	4.0 J	4.0 J	ug/kg	TR
BNASIM/NONE	SE	OA0701200933-35	N	o,p'-DDE	7.2	29.0	29.0 J	ug/kg	C
BNASIM/NONE	SE	OA0701200933-35	N	p,p'-DDE	7.2	160	160 J	ug/kg	CD3
BNASIM/NONE	SE	OA0701200933-35	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	90.0	90.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200933-35	N	p,p'-DDT	7.2	7.2 U	7.2 UJ	ug/kg	D3
BNASIM/NONE	SE	OA0701200937-39	N	o,p'-DDD	7.0	4.8 J	4.8 J	ug/kg	TR
BNASIM/NONE	SE	OA0701200937-39	N	o,p'-DDE	7.0	30.0	30.0 J	ug/kg	CD3
BNASIM/NONE	SE	OA0701200937-39	N	p,p'-DDE	7.0	110	110 J	ug/kg	CD3
BNASIM/NONE	SE	OA0701200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	87.0	87.0 J	ug/kg	D3
BNASIM/NONE	SE	OA0701200941	N	o,p'-DDD	7.2	3.5 J	3.5 J	ug/kg	TR
BNASIM/NONE	SE	OA0701200941	N	o,p'-DDE	7.2	22.0	22.0 J	ug/kg	C
BNASIM/NONE	SE	OA0701200941	N	p,p'-DDE	7.2	99.0	99.0 J	ug/kg	CD3

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA0701200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	5.0 J	5.0 J	ug/kg	CTR
PCBSIM/NONE	SE	OA0701200901	N	2,3,3',4,4',5-Hexachlorobiphenyl	15.0	15.0 B	15.0 U	ug/kg	B1
PCBSIM/NONE	SE	OA0701200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	8.5 J	8.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	9.0 J	9.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	9.5 J	9.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200901	N	2,2',5-TRICHLOROBIPHENYL	11.0	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.9	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.9	8.7 J	8.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200903	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.9	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200903	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.9	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200903	N	2,3,3',4,4',5-Hexachlorobiphenyl	9.9	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200903	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.9	4.9 J	4.9 J	ug/kg	TR

PCBSIM/NONE	SE	OA0701200903	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.9	6.0 J	6.0	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200903	N	2,4,4'-TRICHLOROBIPHENYL	9.9	7.2 J	7.2	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	8.3 J	8.3	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200905	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	8.7 J	8.7	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200905	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	10.0 J	10.0	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	7.1 J	7.1	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200905	N	2,3,3',4,4',5-Hexachlorobiphenyl	18.0	18.0 B	18.0	U	ug/kg	B1
PCBSIM/NONE	SE	OA0701200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	85.0	85.0	J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200907	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	92.0	92.0	J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200907	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	13.0	6.1 J	6.1	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200907	N	2,3',4,4',5-Pentachlorobiphenyl	13.0	110	110	J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200907	N	PCB-138/158	13.0	96.0	96.0	J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200907	N	2,3,3',4,4',5'-Hexachlorobiphenyl	13.0	12.0 J	12.0	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200907	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	120	120	J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	61.0	61.0	J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	110	110	J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200907	N	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	120	120	J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200907	N	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	110	110	J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200907	N	2,2',5-TRICHLOROBIPHENYL	13.0	75.0	75.0	J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200907	N	2,4,4'-TRICHLOROBIPHENYL	13.0	64.0	64.0	J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	9.4 J	9.4	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	11.0 J	11.0	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	8.7 J	8.7	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	12.0	5.9 J	5.9	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200909-11	N	2,3,3',4,4',5-Hexachlorobiphenyl	12.0	7.5 J	7.5	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	7.4 J	7.4	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	12.0	8.8 J	8.8	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200909-11	N	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	6.0 J	6.0	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	11.0	7.9 J	7.9	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	9.4 J	9.4	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	11.0	9.0 J	9.0	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	11.0	7.5 J	7.5	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200913-15	N	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	5.2 J	5.2	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	11.0	5.7 J	5.7	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.7	4.8 J	4.8	J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.7	9.2 J	9.2	J	ug/kg	TR

PCBSIM/NONE	SE	OA0701200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.7	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200917-19	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.7	21.0	21.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200917-19	N	2,3',4,4',5-Pentachlorobiphenyl	9.7	18.0	18.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200917-19	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.7	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200917-19	N	PCB-138/158	9.7	21.0	21.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200917-19	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.7	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200917-19	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.7	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.7	16.0	16.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.7	24.0	24.0 J	ug/kg	D3
PCBSIM/NONE	SE	OA0701200917-19	N	2,4,4'-TRICHLOROBIPHENYL	9.7	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200921-23	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.9	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200921-23	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.9	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.9	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200921-23	N	2,3',4,4',5-Pentachlorobiphenyl	7.9	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200921-23	N	PCB-138/158	7.9	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.9	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200921-23	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.9	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200921-23	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200921-23	N	2,2',5-TRICHLOROBIPHENYL	7.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA0701200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.6	3.4 J	3.4 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW9060/NONE	SE	OA0701200905	N	Total Organic Carbon	0.12	6.7	6.7 J	PERCENT	D3
SW9060/NONE	SE	OA0701200907	N	Total Organic Carbon	0.13	7.8	7.8 J	PERCENT	D3
SW9060/NONE	SE	OA0701200921-23	N	Total Organic Carbon	0.079	2.3	2.3 J	PERCENT	D3
SW9060/NONE	SE	OA0701200925-27	N	Total Organic Carbon	0.071	1.6	1.6 J	PERCENT	D3

DATA VALIDATION REPORT
Pesticides

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111616
Analysis:	SW8270-SIM - Pesticides
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA1501200901	091116161	Soil	Pesticides
OA1501200903	091116162	Soil	Pesticides
OA1501200905	091116163	Soil	Pesticides
OA1501200907	091116164	Soil	Pesticides
OA1501200909-11	0911161626	Soil	Pesticides
OA1501200913-15	0911161627	Soil	Pesticides
OA1501200917-19	0911161628	Soil	Pesticides
OA1501200921-23	0911161629	Soil	Pesticides
OA1501200925-27	0911161630	Soil	Pesticides
OA1501200929-31	0911161631	Soil	Pesticides
OA1501200933-35	0911161632	Soil	Pesticides
OA1501200937-39	0911161633	Soil	Pesticides
OA1501200941-43	0911161634	Soil	Pesticides
OA1501200945-47	0911161635	Soil	Pesticides
OA1501200949	0911161625	Soil	Pesticides

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed pesticides in accordance with *Method SW8270-SIM*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample extraction and analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found on the analytical raw data and summary forms. Samples were received properly preserved and refrigerated. The chain of custody records were complete and in agreement with the laboratory sample lists. All technical holding times were met

Action: No qualifiers have been applied.

II. GC/MS INSTRUMENT PERFORMANCE CHECK

Not applicable to this SDG

III. INITIAL CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for compounds on the Target Compound List (TCL). Initial calibration demonstrates that the instrument is capable of acceptable performance and of producing a linear calibration curve.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial calibrations were performed in accordance with the method. All RRFs and RSD values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IV. CONTINUING CALIBRATION

Objective: Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for target compounds at the beginning of the analytical sequence. The continuing calibration establishes the 12 hour relative

response factors on which the quantitations are based and demonstrates satisfactory performance of the instrument on a day to day basis.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Continuing calibrations were performed in accordance with the method. All RRFs and %D values were within control limits, with the exception of those shown in the following table. No calculation or transcription errors were observed.

Date	Analyte	%D	Criteria	Action	Associated Samples
12/11/2009	4,4-DDT	22.5	<= 20%	J/None	OA1501200901, OA1501200903, OA1501200905, OA1501200907, OA1501200909-11, OA1501200913-15, OA1501200917-19, OA1501200949

Action: No qualifiers were needed as all associated samples were non-detect for 4,4-DDT.

V. BLANKS

Objective: The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination problems resulting from laboratory and field activities. The criteria for evaluation of blanks apply to any blank associated with the samples (e.g., method blanks, instrument blanks, trip blanks, and equipment blanks). If problems exist with any blank, all associated data must be carefully evaluated to determine whether or not there is an inherent variability in the data, or if the problem is an isolated occurrence not affecting other data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts.

Method blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target compounds were present in the blanks.

Action: No qualifiers have been applied.

VI. SURROGATE SPIKES

Objective: Method performance for individual samples is demonstrated through spiking activities. All samples are spiked with surrogate compounds prior to sample preparation. The sample itself may produce effects due to such factors as interferences and high concentrations of analytes.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All surrogate recoveries were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. MATRIX SPIKES/MATRIX SPIKE DUPLICATES

Objective: Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes and matrix spike duplicates were analyzed at the appropriate frequency. All recoveries and RPD values were within control limits, with the exception of those shown in the following table. No calculation or transcription errors were observed.

Spiked Sample	Analyte	MS %Rec	MSD %Rec	Control Limits	Action	Associated Samples
OA1501200913-15	2,4-DDD	184	225	50-125	J/None	OA1501200913-15
	2,4-DDE	246	367	50-125	J/None	
	2,4-DDT	43	22	50-125	J/UJ	
	4,4-DDD	368	421	50-125	J/None	
	4,4-DDE	1020	1547	50-125	J/None	
	4,4-DDMU	806	1191	50-125	J/None	
	4,4-DDNU	184	245	50-125	J/None	
	4,4-DDT	76 †	15	50-125	J/UJ	

† included for comparison only

Spiked Sample	Analyte	%RPD	Control Limits	Action	Associated Samples
OA1501200913-15	2,4-DDT	66	≤ 30%	J/UJ	OA1501200913-15
	4,4-DDT	134	≤ 30%	J/UJ	

Action: Qualifiers have been applied as indicated in the preceding tables.

VIII. LABORATORY CONTROL SAMPLES

Objective: Data for laboratory control samples are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IX. Regional Quality Assurance and Quality Control

Not applicable to this SDG

X. Internal Standards

Objective: Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run sequence.

Evaluation: Summary forms were not provided for verification.

Action: None.

XI. Target Compound Identification

Objective: Qualitative criteria for compound identification have been established to minimize the number of erroneous identifications of compounds, either false positives or false negatives.

Evaluation: Quantitation reports and chromatograms were examined to verify that all peaks were reported as either targets, surrogates, internal standards, or could not be identified as targets.

Target compound retention times were compared to the daily standard and were found to be acceptable. The mass spectra of each reported compound matched the corresponding standard spectra within the specified criteria. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XII. Compound Quantitation and Reported CRQLs

Objective: Careful evaluation is required to ensure that the reported quantitation results and contract required quantitation limits (CRQLs) for target compounds are accurate.

Evaluation: Quantitation reports, chromatograms, and sample preparation sheets were examined for all samples to verify the reported results and quantitation limits. Recalculations were performed to verify reported results. Refer to the Reporting Anomalies report for instances where CRQLs were not met.

No calculation errors or other discrepancies were found. The correct internal standards, quantitation ions, and RRFs were used for compound quantitation.

Project requested reporting limits were not met.

Action: No qualifiers have been applied.

XIII. Tentatively Identified Compounds

Not applicable to this SDG

XIV. SYSTEM PERFORMANCE

Objective: During the period following the initial instrument performance checks, changes may occur in the system that degrade the quality of the data. While this degradation would not be directly shown until the next required series of instrument performance checks, a thorough review of the ongoing data acquisition can yield indications of instrument performance.

Evaluation: No chromatographic retention time shifts, changes in resolution, or other indicators of performance degradation were observed throughout any of the analytical sequences.

Action: No qualifiers have been applied.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have warranted the qualification of a minimal portion of the data set. The deficiencies described in this report are not considered cause for serious concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
PCBs

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111616
Analysis:	SW8270-SIM - PCBs
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA1501200901	091116161	Soil	PCBs
OA1501200903	091116162	Soil	PCBs
OA1501200905	091116163	Soil	PCBs
OA1501200907	091116164	Soil	PCBs
OA1501200909-11	0911161626	Soil	PCBs
OA1501200913-15	0911161627	Soil	PCBs
OA1501200917-19	0911161628	Soil	PCBs
OA1501200921-23	0911161629	Soil	PCBs
OA1501200925-27	0911161630	Soil	PCBs
OA1501200929-31	0911161631	Soil	PCBs
OA1501200933-35	0911161632	Soil	PCBs
OA1501200937-39	0911161633	Soil	PCBs
OA1501200941-43	0911161634	Soil	PCBs
OA1501200945-47	0911161635	Soil	PCBs
OA1501200949	0911161625	Soil	PCBs

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed PCBs in accordance with *Method SW8270-SIM*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample extraction and analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found on the analytical raw data and summary forms. Samples were received properly preserved and refrigerated. The chain of custody records were complete and in agreement with the laboratory sample lists. All technical holding times were met.

Action: No qualifiers have been applied.

II. GC/MS INSTRUMENT PERFORMANCE CHECK

Not applicable to this SDG

III. INITIAL CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for compounds on the Target Compound List (TCL). Initial calibration demonstrates that the instrument is capable of acceptable performance and of producing a linear calibration curve.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial calibrations were performed in accordance with the method. All RRFs and RSD values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IV. CONTINUING CALIBRATION

Objective: Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for target compounds at the beginning of the analytical sequence. The continuing calibration establishes the 12 hour relative

response factors on which the quantitations are based and demonstrates satisfactory performance of the instrument on a day to day basis.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Continuing calibrations were performed in accordance with the method. All RRFs and %D values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

V. BLANKS

Objective: The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination problems resulting from laboratory and field activities. The criteria for evaluation of blanks apply to any blank associated with the samples (e.g., method blanks, instrument blanks, trip blanks, and equipment blanks). If problems exist with any blank, all associated data must be carefully evaluated to determine whether or not there is an inherent variability in the data, or if the problem is an isolated occurrence not affecting other data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts.

Method blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target analytes were present in the blanks, with the exception of those shown in the following table.

Blank	Analyte	Conc. (ug/L)	CRQL (ug/L)	Action	Associated Samples
099-13-017-37	PCB156	4.1	5	U/None	OA1501200905

Action: Sample results less than 5 times (10 times for common laboratory contaminants) the concentration found in an associated blank are modified to not detected. The quantitation limit is either the CRQL, or the concentration level originally reported in the sample, whichever is greater. The QC Outlier report has found this contaminate and qualifiers can be seen in the Qualified Results report.

VI. SURROGATE SPIKES

Objective: Method performance for individual samples is demonstrated through spiking activities. All samples are spiked with surrogate compounds prior to sample preparation. The sample itself may produce effects due to such factors as interferences and high concentrations of analytes.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All surrogate recoveries were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. MATRIX SPIKES/MATRIX SPIKE DUPLICATES

Objective: Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes and matrix spike duplicates were analyzed at the appropriate frequency. All recoveries and RPD values were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VIII. LABORATORY CONTROL SAMPLES

Objective: Data for laboratory control samples are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IX. REGIONAL QUALITY ASSURANCE AND QUALITY CONTROL

Not applicable to this SDG

X. INTERNAL STANDARDS

Objective: Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run sequence.

Evaluation: Summary forms were not provided for verification.

Action: None.

XI. TARGET COMPOUND IDENTIFICATION

Objective: Qualitative criteria for compound identification have been established to minimize the number of erroneous identifications of compounds, either false positives or false negatives.

Evaluation: Quantitation reports and chromatograms were examined to verify that all peaks were reported as either targets, surrogates, internal standards, or could not be identified as targets.

Target compound retention times were compared to the daily standard and were found to be acceptable. The mass spectra of each reported compound matched the corresponding standard spectra within the specified criteria. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XII. COMPOUND QUANTITATION AND REPORTED CRQLS

Objective: Careful evaluation is required to ensure that the reported quantitation results and contract required quantitation limits (CRQLs) for target compounds are accurate.

Evaluation: Quantitation reports, chromatograms, and sample preparation sheets were examined for all samples to verify the reported results and quantitation limits. Recalculations were performed to verify reported results.

No calculation errors or other discrepancies were found. The correct internal standards, quantitation ions, and RRFs were used for compound quantitation.

Project requested reporting limits were not met.

Action: No qualifiers have been applied.

XIII. TENTATIVELY IDENTIFIED COMPOUNDS

Not applicable to this SDG

XIV. SYSTEM PERFORMANCE

Objective: During the period following the initial instrument performance checks, changes may occur in the system that degrade the quality of the data. While this degradation would not be directly shown until the next required series of instrument performance checks, a thorough review of the ongoing data acquisition can yield indications of instrument performance.

Evaluation: No chromatographic retention time shifts, changes in resolution, or other indicators of performance degradation were observed throughout any of the analytical sequences.

Action: No qualifiers have been applied.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have warranted the qualification of a minimal portion of the data set. The deficiencies described in this report are not considered cause for serious concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
Total Organic Carbon

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111616
Analysis:	SW9060 - TOC
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA1501200901	091116161	Soil	Total Organic Carbon - TOC
OA1501200903	091116162	Soil	Total Organic Carbon - TOC
OA1501200905	091116163	Soil	Total Organic Carbon - TOC
OA1501200907	091116164	Soil	Total Organic Carbon - TOC
OA1501200909-11	0911161626	Soil	Total Organic Carbon - TOC
OA1501200913-15	0911161627	Soil	Total Organic Carbon - TOC
OA1501200917-19	0911161628	Soil	Total Organic Carbon - TOC
OA1501200921-23	0911161629	Soil	Total Organic Carbon - TOC
OA1501200925-27	0911161630	Soil	Total Organic Carbon - TOC
OA1501200929-31	0911161631	Soil	Total Organic Carbon - TOC
OA1501200933-35	0911161632	Soil	Total Organic Carbon - TOC
OA1501200937-39	0911161633	Soil	Total Organic Carbon - TOC
OA1501200941-43	0911161634	Soil	Total Organic Carbon - TOC
OA1501200945-47	0911161635	Soil	Total Organic Carbon - TOC
OA1501200949	0911161625	Soil	Total Organic Carbon - TOC

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed for total organic carbon in accordance with *USEPA Method SW9060*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found in the laboratory digestion logs and instrument run logs. The chain of custody records were complete and in agreement with the laboratory sample lists. Technical holding times were met for all analyses.

Action: No qualifiers have been applied.

II. CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical sequence, and continuing calibration verification confirms that the initial calibration is valid throughout the analytical run sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial and continuing calibration verification standards were analyzed at the proper frequency in all analytical run sequences, and recoveries were within the required limits. Correlation coefficients for multipoint calibration curves were greater than 0.995 in all cases. No calculation or transcription errors were observed.

It was noted that the calibration curve verification was done using a linear regression, which was determined to be within project acceptance limits but did not match the curve provided by the laboratory. The difference in the correlation coefficients appears to be due to the fact that the laboratory is forcing the curve to the origin along with being weighted. In addition, the sample calculations were determined using response factors (RF) as indicated in the laboratory's SOP.

Action: No qualifiers have been applied.

III. BLANKS

***Objective*:** The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination resulting from laboratory and field activities. The criteria for evaluation of blanks applies to any blank associated with the samples including method blanks, instrument blanks, and equipment blanks. If problems exist with any blank, careful evaluation is required to determine the potential impact on all associated data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts.

Method and instrument blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target analytes were present in the blanks.

Action: No qualifiers have been applied.

IV. LABORATORY CONTROL SAMPLES (LCS)

Objective: The laboratory control sample measures the overall performance of the analytical process, including sample preparation.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

V. DUPLICATE SAMPLE ANALYSIS

Objective: Duplicate analyses are performed in order to assess laboratory precision for each sample matrix.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory duplicates were analyzed at the appropriate frequency with acceptable results. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VI. MATRIX SPIKE SAMPLE ANALYSIS

Objective: Data for matrix spikes (MS) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. SAMPLE RESULT VERIFICATION

Objective: Careful evaluation is required to ensure that the reported results and contract required detection limits (CRDLs) for target analytes are accurate.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

No errors in transcriptions or data reduction were found. All reported results were within the appropriate calibration ranges.

Action: No qualifiers have been applied.

VIII. FIELD DUPLICATES

No field duplicates were identified in this SDG.

IX. FIELD BLANKS

No field blanks were identified in this SDG.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
Moisture

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09112234
Analysis:	D2216 - Moisture
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
BA2DC01200901	091122341	Soil	Moisture
BA2DC01200903	091122342	Soil	Moisture
BA2DC01200905	091122343	Soil	Moisture
BA2DC01200907	091122344	Soil	Moisture
BA2DC01200909-11	0911223425	Soil	Moisture
BA2DC01200913-15	0911223426	Soil	Moisture
BA2DC01200917-19	0911223427	Soil	Moisture
BA2DC01200921-23	0911223428	Soil	Moisture
BA2DC01200925-27	0911223429	Soil	Moisture
BA2DC01200929-31	0911223430	Soil	Moisture
BA2DC01200933-35	0911223431	Soil	Moisture
BA2DC01200937-39	0911223432	Soil	Moisture
BA2DC01200941-43	0911223433	Soil	Moisture
BA2DC01200945-47	0911223434	Soil	Moisture

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed moisture in accordance with *Method D2216*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found in the laboratory digestion logs and instrument run logs. The chain of custody records were complete and in agreement with the laboratory sample lists. Technical holding times were met for all analyses.

Action: No qualifiers have been applied.

II. CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria.

Action: No qualifiers have been applied.

III. BLANKS

***Objective*:** The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination resulting from laboratory and field activities. The criteria for evaluation of blanks applies to any blank associated with the samples including method blanks, instrument blanks, and equipment blanks. If problems exist with any blank, careful evaluation is required to determine the potential impact on all associated data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts.

Method and instrument blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. Reportable concentrations of the target analytes were not observed in any of the blanks.

Action: No qualifiers have been applied.

IV. Duplicate Sample Analysis

Objective: Duplicate analyses are performed in order to assess laboratory precision for each sample matrix.

Evaluation: No duplicates were identified in this SDG.

Action: None.

V. Sample Result Verification

Objective: Careful evaluation is required to ensure that reported results and contract required detection limits (CRDLs) for target analytes are accurate.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

No errors in transcriptions or data reduction were found. All reported results were within the appropriate calibration ranges.

Action: No qualifiers have been applied.

Overall Data Assessment

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

GC/MS VALIDATION WORKSHEET
EPA Level 4

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/23/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: BNASIM

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA1501200901	091116161	SO	N	11	OA1501200933-35	0911161632	SO	N
2	OA1501200903	091116162	SO	N	12	OA1501200937-39	0911161633	SO	N
3	OA1501200905	091116163	SO	N	13	OA1501200941-43	0911161634	SO	N
4	OA1501200907	091116164	SO	N	14	OA1501200945-47	0911161635	SO	N
5	OA1501200909-11	0911161626	SO	N	15	OA1501200949	0911161625	SO	N
6	OA1501200913-15	0911161627	SO	N	16				
7	OA1501200917-19	0911161628	SO	N	17				
8	OA1501200921-23	0911161629	SO	N	18				
9	OA1501200925-27	0911161630	SO	N	19				
#	OA1501200929-31	0911161631	SO	N	20				

† N = Normal Environmental Sample EB = Equipment Blank AB = Ambient Blank
TB = Trip Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Technical Holding Times/Sample Receipt	A	
II.	Instrument Performance	N	
III.	Initial Calibration	A	
IV.	Continuing Calibration	SW	
V.	Blanks	A	
VI.	Surrogate Spikes	A	
VII.	Matrix Spikes/Matrix Spike Duplicates	SW	
VIII.	Laboratory Control Samples	A	
IX.	Internal Standards	N	
X.	Target Compound Identification	A	
XI.	Compound Quantitation and Reported CRQLs	SW	Compounds did not meet the project RLs.
XII.	System Performance	N	

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level 4

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: BNASIM

Date: 2/23/10
Page: 1 of 2
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA1501200901	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/11/09	40 days	1/2/10	0
OA1501200903	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/11/09	40 days	1/2/10	0
OA1501200905	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/11/09	40 days	1/2/10	0
OA1501200907	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/11/09	40 days	1/2/10	0
OA1501200909-11	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/11/09	40 days	1/2/10	0
OA1501200913-15	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/11/09	40 days	1/2/10	0
OA1501200917-19	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/11/09	40 days	1/2/10	0
OA1501200921-23	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/13/09	40 days	1/2/10	0
OA1501200925-27	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/13/09	40 days	1/2/10	0
OA1501200929-31	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/13/09	40 days	1/2/10	0
OA1501200933-35	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/13/09	40 days	1/2/10	0
OA1501200937-39	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/13/09	40 days	1/2/10	0
OA1501200941-43	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/13/09	40 days	1/2/10	0
OA1501200945-47	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/13/09	40 days	1/2/10	0

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level III / IV AFCEE Level I / 2 NEESA Level C / D

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: BNASIM

Date: 2/23/10
Page: 2 of 2
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were all samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA1501200949	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/11/09	#### days	1/2/10	0

Comments:

GC/MS VALIDATION WORKSHEET
INITIAL CALIBRATION
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all standards analyzed at the appropriate concentrations?	**Yes**
Were all samples associated with an acceptable initial calibration?	**Yes**
Were all RRF values met?	**NA**
Were all %RSD values </= 20.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %RSDs?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Compound	%RSD/RRF	Criteria	Action	Associated Samples

CALCULATIONS

RRF Standard ID:	12-10-09 50ppb	Calibration ID:	12/10/2009
Compound ID:	4,4-DDD	Compound ID:	4,4-DDT
Reported Result:	0.854	%RSD:	14.5

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%RSD = \frac{\text{Standard Deviation}}{\text{Average RRF}} \times 100$$

		RF Level 1 =	0.4680
Compound Area =	5855	RF Level 2 =	0.4990
I.S. Area =	685533	RF Level 3 =	0.5910
Compound Conc. =	50.0	RF Level 4 =	0.6550
I.S. Conc. =	5000.0	RF Level 5 =	0.6360

RRF =	0.854	Standard Deviation =	0.083	
	Matches	Average RRF =	0.570	Matches
		%RSD =	14.5	Matches

Comments:

GC/MS VALIDATION WORKSHEET
CONTINUING CALIBRATION
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	BNASIM		

Were all samples associated with an acceptable continuing calibration?	**Yes**
Were all RRF values >/= 0.05?	**NA**
Were all %D values </= 20.0?	**No**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %Ds?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Compound	RRF/%D	Criteria	Action	Associated Samples
12/11/09	4,4-DDT	22.5	<=20	J/None	OA1501200901
					OA1501200903
					OA1501200905
					OA1501200907
					OA1501200909-11
					OA1501200913-15
					OA1501200917-19
					OA1501200949

CALCULATIONS

RRF Standard ID:	11-22-09 16:56 1000 ppb	Calibration ID:	11/19/2009
Compound ID:	4,4-DDT	Compound ID:	4,4-DDD
Reported Result:	0.692	%RSD:	21.4

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%D = \frac{\text{Average RRF - CCV RRF}}{\text{Average RRF}} \times 100$$

Compound Area =	97550	Average RRF =	0.570
I.S. Area =	704914	CCV RRF =	0.692
Compound Conc. =	1000.0		
I.S. Conc. =	5000.0	%D =	-21.4 Matches

RRF = 0.692 Matches

%D Indicating Bias = 21.4

Comments: ALL SAMPLES NON-DETECT No qualifiers applied.

GC/MS VALIDATION WORKSHEET
BLANKS
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Was a blank analyzed for each extraction batch?	**Yes**
Was a storage blank analyzed on each day of analysis?	**Yes**
(SVOA) Was a blank analyzed for each GC/MS system?	**Yes**
(VOA) Was a blank analyzed for each 12 hour period?	**NA**
Were all field blanks analyzed appropriately?	**NA**
(VOA) Were all trip blanks analyzed appropriately	**NA**
Were all blanks free of contamination at or above the MDL/CRQL?	**Yes**

Record any contaminants (target or non-target) which were detected in the blanks.

Blank	Compound	Conc. (ug/L)	CRQL (ug/L)	Action Level	Action	Associated Samples

Action
Level = 10 X Blank concentration (common contaminants-methylene chloride, acetone, 2-butanone, phthalates)
5 X Blank concentration (all other TCL compounds)

Comments:

GC/MS VALIDATION WORKSHEET
SURROGATE SPIKES/SYSTEM MONITORING COMPOUNDS - WATER SAMPLES
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all surrogate recoveries within the specified criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**

List any samples which did not have acceptable surrogate recoveries.

Sample ID	Surrogate	%Rec.	Control Limits	Action

Any non-detect result associated with a surrogate recovery below 10% should be rejected.

CALCULATIONS

Sample ID: OA1501200901
Compound ID: 2,4,5,6-Tetrachloro-m-Xylene
Reported Result: 111

$$\% \text{ Recovery} = \frac{\text{Conc. Surr. In Sample}}{\text{Conc. Surr. Spiked}} \times 100$$

Conc. In Sample = 1111.0
Surr. Spike Conc. = 1000.0

% Recovery = 111 Matches

Comments:

GC/MS VALIDATION WORKSHEET - MATRIX SPIKES/DUPLICATES
EPA Level 4

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/23/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: BNASIM
Matrix:

Were MS/MSD samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **No**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

Spiked Sample ID	Compound Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action
OA1501200913-15	2,4-DDD	184	225	50-125			OA1501200913-15	J/None
	2,4-DDE	246	367	50-125				J/None
	2,4-DDT	43	22	50-125	66	<30		J/UJ
	4,4-DDD	368	421	50-125				J/None
	4,4-DDE	1020	1547	50-125				J/None
	4,4-DDMU	806	1191	50-125				J/None
	4,4-DDNU	184	245	50-125				J/None
	4,4-DDT	†76	15	50-125	134	<30		J/UJ

CALCULATIONS

Sample ID: OA1501200913-15
Compound ID: 2,4-DDD
Recovery: 184

Sample ID: OA1501200913-15
Compound ID: 4,4-DDT
RPD: 134

$$\% \text{ Recovery} = \frac{\text{Conc. MS - Conc. Unspiked Sample}}{\text{MS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{MS Conc. - MSD Conc.}|}{(\text{MS Conc. + MSD Conc.})/2} \times 100$$

Conc. MS = 2333
Unspiked Samp. = 490
MS Spike Conc. = 1000

% Recovery = 184 Matches

MS Conc. = 759.0
MSD Conc. = 149.0

RPD = 134 Matches

Comments: †Used as a comparison

GC/MS VALIDATION WORKSHEET
LABORATORY CONTROL SAMPLES
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were laboratory control samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

LCS ID	Compound Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action

† LCSD is not required; however, it may be provided in some instances

CALCULATIONS

Sample ID:	099-13-013-17	Sample ID:	099-13-013-17
Compound ID:	4,4-DDE	Compound ID:	2,4-DDD
Recovery:	105	RPD:	4

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{LCS Conc.} - \text{LCSD Conc.}|}{(\text{LCS Conc.} + \text{LCSD Conc.})/2} \times 100$$

Conc. LCS = 1047.0
LCS Spike Conc. = 1000.0

LCS Conc. = 1043
LCSD Conc. = 1086

% Recovery = 105 Matches

RPD = 4 Matches

Comments:

GC/MS VALIDATION WORKSHEET
INTERNAL STANDARDS
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all internal standard values within +/- 50% of the calibration standard? **NA**
Were all internal standard RTs within +/- 30 seconds of the calibration standard? **NA**
Did the raw data agree with the summary report? **NA**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Sample	Internal Standard	Area Counts %	Control Limits	Action
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	

BCM:	Bromochloromethane	DCB:	1,4-Dichlorobenzene-d4	PHN:	Phenanthrene-d10
DFB:	1,4-Difluorobenzene	NPT:	Naphthalene-d8	CRY:	Chrysene-d12
CBZ:	Chlorobenzene-d5	ANT:	Acenaphthene-d10	PRY:	Perylene-d12

Comments:

GC/MS VALIDATION WORKSHEET
TARGET COMPOUND QUANTITATION
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**Yes**
Were all positive hits verified by acceptable mass spectra?	**Yes**
Were all retention times within 0.06 RRT units of the daily standard?	**NA**

CALCULATIONS

Sample ID: OA1501200901
Compound ID: 4,4-DDE
Reported Result: 2400

$$\text{Conc. In Sample} = \frac{\text{Area Cmpd. In Sample}}{\text{Area of I.S.}} \times \frac{\text{Conc. of I.S.}}{\text{Average RRF}} \times \frac{\text{Final Volume}}{\text{Initial Amount}} \times \text{Dilution Factor}$$

		Units
Area Sample =	100362	Area
Area I.S. =	1009577	Area
Conc. I.S. =	5000	
Average RRF =	0.507	NA
Final Volume =	2.0	mL
Initial Amount =	20.0	
Dilution Factor =	10.0	NA

Conc. In Sample = 980.4
Moisture Corrected = 2380 Matches 58.8 % Moist

Comments - Compounds did not meet the project RLs.

GC/MS VALIDATION WORKSHEET
EPA Level 4

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/23/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: PCBSIM

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA1501200901	091116161	SO	N	11	OA1501200933-35	0911161632	SO	N
2	OA1501200903	091116162	SO	N	12	OA1501200937-39	0911161633	SO	N
3	OA1501200905	091116163	SO	N	13	OA1501200941-43	0911161634	SO	N
4	OA1501200907	091116164	SO	N	14	OA1501200945-47	0911161635	SO	N
5	OA1501200909-11	0911161626	SO	N	15	OA1501200949	0911161625	SO	N
6	OA1501200913-15	0911161627	SO	N	16				
7	OA1501200917-19	0911161628	SO	N	17				
8	OA1501200921-23	0911161629	SO	N	18				
9	OA1501200925-27	0911161630	SO	N	19				
#	OA1501200929-31	0911161631	SO	N	20				

† N = Normal Environmental Sample EB = Equipment Blank AB = Ambient Blank
TB = Trip Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Technical Holding Times/Sample Receipt	A	
II.	Instrument Performance	N	
III.	Initial Calibration	A	
IV.	Continuing Calibration	A	
V.	Blanks	SW	
VI.	Surrogate Spikes	A	
VII.	Matrix Spikes/Matrix Spike Duplicates	A	
VIII.	Laboratory Control Samples	A	
IX.	Internal Standards	N	
X.	Target Compound Identification	A	
XI.	Compound Quantitation and Reported CRQLs	SW	Compounds did not meet the project RLs.
XII.	System Performance	N	

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level 4

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: PCBSIM

Date: 2/23/10
Page: 1 of 2
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA1501200901	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/9/09	40 days	1/2/10	0
OA1501200903	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	12/31/09	40 days	1/23/10	0
OA1501200905	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/9/09	40 days	1/2/10	0
OA1501200907	11/18/09	11/19/09	Y	Yes	11/23/09	360 days	11/13/10	0	12/9/09	40 days	1/2/10	0
OA1501200909-11	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	12/31/09	40 days	1/23/10	0
OA1501200913-15	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	12/31/09	40 days	1/23/10	0
OA1501200917-19	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	12/31/09	40 days	1/23/10	0
OA1501200921-23	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	12/31/09	40 days	1/23/10	0
OA1501200925-27	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	12/31/09	40 days	1/23/10	0
OA1501200929-31	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	1/4/10	40 days	1/23/10	0
OA1501200933-35	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	12/31/09	40 days	1/23/10	0
OA1501200937-39	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	12/31/09	40 days	1/23/10	0
OA1501200941-43	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	12/31/09	40 days	1/23/10	0
OA1501200945-47	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	12/31/09	40 days	1/23/10	0

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level III / IV AFCEE Level I / 2 NEESA Level C / D

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: PCBSIM

Date: 2/23/10
Page: 2 of 2
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were all samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA1501200949	11/18/09	11/19/09	Y	Yes	12/14/09	360 days	11/13/10	0	12/31/09	40 days	1/23/10	0

Comments:

GC/MS VALIDATION WORKSHEET
INITIAL CALIBRATION
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all standards analyzed at the appropriate concentrations?	**Yes**
Were all samples associated with an acceptable initial calibration?	**Yes**
Were all RRF values met?	**NA**
Were all %RSD values </= 20.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %RSDs?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Compound	%RSD/RRF	Criteria	Action	Associated Samples

CALCULATIONS

RRF Standard ID:	12/7/2009 50 ppb	Calibration ID:	12/7/2009
Compound ID:	PCB008	Compound ID:	PCB180
Reported Result:	0.616	%RSD:	9.3

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}} \qquad \%RSD = \frac{\text{Standard Deviation}}{\text{Average RRF}} \text{ X } 100$$

		RF Level 1 =	0.3780
Compound Area =	2461	RF Level 2 =	0.4540
I.S. Area =	399220	RF Level 3 =	0.4670
Compound Conc. =	50.0	RF Level 4 =	0.4840
I.S. Conc. =	5000.0	RF Level 5 =	0.4700

RRF =	0.616	Standard Deviation =	0.042	
	Matches	Average RRF =	0.451	Matches
		%RSD =	9.3	Matches

Comments:

GC/MS VALIDATION WORKSHEET
CONTINUING CALIBRATION
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	PCBSIM		

Were all samples associated with an acceptable continuing calibration?	**Yes**
Were all RRF values >/= 0.05?	**NA**
Were all %D values </= 30.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %Ds?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Compound	RRF/%D	Criteria	Action	Associated Samples
			<=30		

CALCULATIONS

RRF Standard ID:	12/31/2009	Calibration ID:	12/31/2009
Compound ID:	PCB008	Compound ID:	PCB209
Reported Result:	0.569	%RSD:	-11.5

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%D = \frac{\text{Average RRF - CCV RRF}}{\text{Average RRF}} \text{ X } 100$$

Compound Area =	150262	Average RRF =	0.087
I.S. Area =	1320693	CCV RRF =	0.097
Compound Conc. =	1000.0		
I.S. Conc. =	5000.0	%D =	-11.5 Matches

RRF = 0.569
Matches

%D Indicating Bias = 11.5

Comments:

GC/MS VALIDATION WORKSHEET
BLANKS
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	PCBSIM		

Was a blank analyzed for each extraction batch?	**Yes**
Was a storage blank analyzed on each day of analysis?	**Yes**
(SVOA) Was a blank analyzed for each GC/MS system?	**Yes**
(VOA) Was a blank analyzed for each 12 hour period?	**NA**
Were all field blanks analyzed appropriately?	**NA**
(VOA) Were all trip blanks analyzed appropriately	**NA**
Were all blanks free of contamination at or above the MDL/CRQL?	**No**

Record any contaminants (target or non-target) which were detected in the blanks.

Blank	Compound	Conc. (ug/L)	CRQL (ug/L)	Action Level	Action	Associated Samples
099-13-017-37	PCB156	4.1	5	20.5	U/None	OA1501200905

Action
Level = 10 X Blank concentration (common contaminants-methylene chloride, acetone, 2-butanone, phthalates)
5 X Blank concentration (all other TCL compounds)

Comments: ADR Outlier was found and qualified in the Qualified Results report

GC/MS VALIDATION WORKSHEET
SURROGATE SPIKES/SYSTEM MONITORING COMPOUNDS - WATER SAMPLES
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all surrogate recoveries within the specified criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**

List any samples which did not have acceptable surrogate recoveries.

Sample ID	Surrogate	%Rec.	Control Limits	Action

Any non-detect result associated with a surrogate recovery below 10% should be rejected.

CALCULATIONS

Sample ID: OA1501200901
Compound ID: 2,4,5,6-Tetrachloro-m-Xylene
Reported Result: 93

$$\% \text{ Recovery} = \frac{\text{Conc. Surr. In Sample}}{\text{Conc. Surr. Spiked}} \times 100$$

Conc. In Sample = 925.7
Surr. Spike Conc. = 1000.0

% Recovery = 93 Matches

Comments:

GC/MS VALIDATION WORKSHEET - MATRIX SPIKES/DUPLICATES
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM
Matrix:

Were MS/MSD samples analyzed at the proper frequency?	**Yes**
Were all spike recoveries and RPD values within the established criteria?	**Yes**
Were recalculations performed on a representative sample of the results?	**Yes**

If no, list outliers below.

Spiked Sample ID	Compound Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action
				50-125				

CALCULATIONS

Sample ID:	OA1501200925-27	Sample ID:	OA1501200925-27
Compound ID:	PCB008	Compound ID:	PCB209
Recovery:	105	RPD:	1

$$\% \text{ Recovery} = \frac{\text{Conc. MS - Conc. Unspiked Sample}}{\text{MS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{MS Conc. - MSD Conc.}|}{(\text{MS Conc. + MSD Conc.})/2} \times 100$$

Conc. MS = 1053
Unspiked Samp. = 0
MS Spike Conc. = 1000

% Recovery = 105 Matches

MS Conc. = 1052.6
MSD Conc. = 1039.0

RPD = 1 Matches

Comments:

GC/MS VALIDATION WORKSHEET
LABORATORY CONTROL SAMPLES
EPA Level 4

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/23/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: PCBSIM

Were laboratory control samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

LCS ID	Compound Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action

† LCSD is not required; however, it may be provided in some instances

CALCULATIONS

091123L05A
Sample ID: 099-13-017-37
Compound ID: PCB008
Recovery: 76

Sample ID: 099-13-017-37
Compound ID: PCB018
RPD: 2

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{LCS Conc.} - \text{LCSD Conc.}|}{(\text{LCS Conc.} + \text{LCSD Conc.})/2} \times 100$$

Conc. LCS = 761.0
LCS Spike Conc. = 1000.0

LCS Conc. = 807
LCSD Conc. = 794

% Recovery = 76 Matches

RPD = 2 Matches

Comments:

GC/MS VALIDATION WORKSHEET
INTERNAL STANDARDS
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all internal standard values within +/- 50% of the calibration standard? **NA**
Were all internal standard RTs within +/- 30 seconds of the calibration standard? **NA**
Did the raw data agree with the summary report? **NA**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Sample	Internal Standard	Area Counts %	Control Limits	Action
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	

BCM:	Bromochloromethane	DCB:	1,4-Dichlorobenzene-d4	PHN:	Phenanthrene-d10
DFB:	1,4-Difluorobenzene	NPT:	Naphthalene-d8	CRY:	Chrysene-d12
CBZ:	Chlorobenzene-d5	ANT:	Acenaphthene-d10	PRY:	Perylene-d12

Comments:

GC/MS VALIDATION WORKSHEET
TARGET COMPOUND QUANTITATION
EPA Level 4

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**Yes**
Were all positive hits verified by acceptable mass spectra?	**Yes**
Were all retention times within 0.06 RRT units of the daily standard?	**NA**

CALCULATIONS

Sample ID: OA1501200901
Compound ID: PCB138/158
Reported Result: **42.0**

$$\text{Conc. In Sample} = \frac{\text{Area Cmpd. In Sample}}{\text{Area of I.S.}} \times \frac{\text{Conc. of I.S.}}{\text{Average RRF}} \times \frac{\text{Final Volume}}{\text{Initial Amount}} \times \text{Dilution Factor}$$

		Units
Area Sample =	6903	Area
Area I.S. =	350512	Area
Conc. I.S. =	5000	
Average RRF =	0.574	NA
Final Volume =	2.0	mL
Initial Amount =	20.0	
Dilution Factor =	1.0	NA

Conc. In Sample =	17.2		
Moisture Corrected =	41.6	Matches	58.8 % Moist

Comments - Compounds did not meet the project RLs.

Level 4

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/23/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA1501200901	091116161	Soil	N	11	OA1501200933-35	0911161632	Soil	N
2	OA1501200903	091116162	Soil	N	12	OA1501200937-39	0911161633	Soil	N
3	OA1501200905	091116163	Soil	N	13	OA1501200941-43	0911161634	Soil	N
4	OA1501200907	091116164	Soil	N	14	OA1501200945-47	0911161635	Soil	N
5	OA1501200909-11	0911161626	Soil	N	15	OA1501200949	0911161625	Soil	N
6	OA1501200913-15	0911161627	Soil	N	16				
7	OA1501200917-19	0911161628	Soil	N	17				
8	OA1501200921-23	0911161629	Soil	N	18				
9	OA1501200925-27	0911161630	Soil	N	19				
#	OA1501200929-31	0911161631	Soil	N	20				

† N = Normal Environmental Sample FB = Field Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Sample Preservation/Handling/Holding Times	A	
II.	Calibration	A	
III.	Blanks	A	
IV.	Laboratory Control Samples (LCS)	A	
V.	Duplicate Sample	SW	not performed for moisture
VI.	Matrix Spikes (MS)	A	
VII.	Sample Result Verification	A	
VIII.	Overall Assessment of Data	A	
IX.	Field Duplicate	N	
X.	Field Blanks	N	

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

Level 4

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/23/10
Page: 1 of 2
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were all samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Digested**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA1501200901	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200903	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200905	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200907	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200909-11	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200913-15	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200917-19	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200921-23	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200925-27	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200929-31	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200933-35	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200937-39	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200941-43	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0
OA1501200945-47	11/18/09	11/19/09	Y	OK	NA	NA			11/21/09	180 days	5/17/10	0

Comments: The date of moisture was used as it has the lowest hold time days of 6 months. The TOC analysis has 1 year and was analyzed on 12-09-09.

Level 4
Initial Calibration

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Were all standards analyzed at appropriate concentrations?	**Yes**
Were instruments calibrated daily?	**Yes**
Were instruments calibrated each time instruments were set up?	**Yes**
Were ICV % Recoveries within limits or correlation coefficient values >/= 0.995?	**Yes**
Were recalculations performed on a representative sample of correlation coefficients?	**NA**

List any standards which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Analyte	%Rec./Corr. Coef.	Criteria	Action	Associated Samples

Calculation if Response = x and Conc. = y:

Standard ID:	TOC 5 9-18-2009	Reported Y-Intercept:	0
Analyte:	TOC	Reported Slope:	0
		R2	0.9979

Conc. (y) = Slope (m) * Response (x) + Y-Intercept (b)

	(x) Response	(y) Conc.
Level 1 =	0	0
Level 2 =	3243	0.9
Level 3 =	18740.5	6
Level 4 =	47458.5	15
Level 5 =	89797	30

Y-Intercept =	-0.233	
Slope =	0.0003	
r2 =	0.9992	Close Match
r =	0.9996	

Comments: it is noted that the laboratory appears to force through the origin with a weighted curve.

Level 4
Continuing Calibration

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/23/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

Were all samples associated with an acceptable continuing calibration? **Yes**
Were CCV %Recoveries within limits or %D values </= 20% ? **Yes**
Were recalculations performed on a representative sample of the %Ds/Rec.s? **Yes**

List any standards which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Analyte	%D/%Rec.	Criteria	Action	Associated Samples

CCV Standard ID: 12/7/2009 0:00
Analyte ID: TOC
CCV % Rec.: 95

True CCV Conc. = 6
Found CCV Conc. = 5.7235

Calculated % Recovery = 95 Matches

Comments:

Level 4
Blanks - Final Findings

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 2
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Was a blank analyzed for each preparation batch?	**Yes**
Were all field blanks analyzed appropriately?	**NA**
Were all blanks free of contamination at or above the IDL?	**Yes**

Record any contaminants (target or non-target) with an absolute value >IDL which were detected in the blanks. These values indicate the highest concentration found in any blank on the PB/ICB/CCB worksheet.
Be sure to check the units and indicate bias +/-

Blank ID/ Date	Blank Type	Analyte	Conc. (mg/Kg)	CRQL (mg/Kg)	Action Level	Action	Associated Samples

Action Level = 5 X Blank concentration

Comments:

Level 4
Laboratory Control Sample

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216
Matrix: Soil

Were laboratory control samples analyzed at the proper frequency?	**Yes**
Were all spike recoveries within the established criteria?	**Yes**
Was at least one recovery recalculated from the raw data?	**NA**

If no, list outliers below.

LCS ID	Analyte Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	Action	Associated Samples

CALCULATIONS

LCS ID:	12/7/2009 0:00	LCS/LCSD ID:	12/31/2009
Analyte ID:	TOC	Analyte ID:	TOC
Recovery:	111		

% Recovery = Conc. LCS / LCS Spike Conc. X 100

RPD = |LCS Conc. - LCSD Conc.| / (LCS Conc. + LCSD Conc.)/2 X 100

Conc. LCS = 6.68
LCS Spike Conc. = 6.0

LCS Conc. = 6.7
LCSD Conc. = 6.1

% Recovery = 111 Matches

RPD = 9.6

Comments:

Level 4
Duplicate/Field Duplicate

SDG #: 09111616
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/23/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method SW9060/D2216
Matrix: Soil

Was a duplicate sample analyzed at the proper frequency per matrix? **Yes (TOC)**
Were all RPD values within the established criteria? **Yes**
Was at least one RPD recalculated from the raw data? **Yes**
If no, list outliers below.

Sample ID	Analyte Out of Limits	Sample Result	Duplicate Result	RPD	RPD Criteria	Action	Associated Samples

Sample ID: OA1501200933-35
Analyte ID: Total Organic Carbon
RPD: 5

$$RPD = \frac{|\text{Sample Conc.} - \text{Duplicate Conc.}|}{(\text{Sample Conc.} + \text{Duplicate Conc.})/2} \times 100$$

Sample Conc. = 36400.0
Duplicate Conc. = 38100.0

RPD = 5 Matches

Comments:
Duplicate for Moisture performed on sample from another SDG.

Level 4
Matrix Spike

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216
Matrix: Soil

Were MS/MSD samples analyzed at the proper frequency per matrix?	**Yes**	**(TOC)**
Were all spike recoveries and RPD values within the established criteria?	**Yes**	
Was at least one recovery recalculated from the raw data?	**Yes**	

List outliers below.

Spiked Sample ID	Analyte Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	Action	Associated Samples

CALCULATIONS

Sample ID: OA1501200933-35
Analyte ID: Total Organic Carbon
Recovery: 96

$$\% \text{ Recovery} = \frac{\text{Conc. MS - Conc. Unspiked Sample}}{\text{MS Spike Conc.}} \times 100$$

Conc. MS Sample = 3.64
Unspiked Samp. = 0.76
MS Spike Conc. = 3.00

% Recovery = 96 Matches

Comments:

Level 4
Sample Result Verification

SDG #:	09111616	Date:	2/23/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Were recalculations performed on at least 10% of positive results?	**NA**
Did all raw data agree with the final reported results?	**NA**
Are results within calibration range?	**Yes**
Are all detection limits below CRDL?	**Yes**

Sample ID: OA1501200901
Compound ID: TOC
Reported Result: 2.3 PERCENT Average areas and weights used for calculation

Conc. In Sample = Area of sample * (Ave RF/1000) / 1000 ug to mg / Sample Weight in mg * 100 for percent
Divide by Solids

		Units
Area Sample =	5884	Area
Ave RF	325.93	cts
Sample Weight =	203.0	mg
% Solids =	41.2	%

Conc. In Sample =	0.94	Percent		58.8% Moist
Dry Weight Corrected =	2.3	Percent	**Matches**	

Comments - Describe any condition which may have an impact on the identification and/or quantification of the reported results.

SUMMARY for 09111616

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA1501200901	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	12.0	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200901	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200901	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200901	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	11.0 J	11.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200901	N	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	8.9 J	8.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200901	N	3,3',4,4'-TETRACHLOROBIPHENYL	12.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.9	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.9	5.4 J	5.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.9	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	8.9	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	8.9	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	8.9	8.1 J	8.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200903	N	2,2',5-TRICHLOROBIPHENYL	8.9	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200905	N	2,4'-DICHLOROBIPHENYL	8.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200905	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	8.7	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200905	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200905	N	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	8.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200905	N	2',3,4,4',5-PENTACHLOROBIPHENYL	8.7	7.8 J	7.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200905	N	2,3,3',4,4',5-Hexachlorobiphenyl	8.7	8.7 B	8.7 U	ug/kg	B1
PCBSIM/NONE	SE	OA1501200905	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.7	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200905	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.7	6.4 J	6.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200905	N	3,3',4,4'-TETRACHLOROBIPHENYL	8.7	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200907	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.0	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200907	N	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200907	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200907	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	9.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	9.2	4.9 J	4.9 J	ug/kg	TR

PCBSIM/NONE	SE	OA1501200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.2	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.2	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200909-11	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.2	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200909-11	N	2',3,4,4',5-PENTACHLOROBIPHENYL	9.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	9.2	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200909-11	N	3,3',4,4',5-PENTACHLOROBIPHENYL	9.2	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200909-11	N	2,2',5-TRICHLOROBIPHENYL	9.2	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	8.3	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	8.3	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200913-15	N	2,2',5-TRICHLOROBIPHENYL	8.3	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200913-15	N	2,4,4'-TRICHLOROBIPHENYL	8.3	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200917-19	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.7	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200917-19	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200917-19	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200917-19	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200925-27	N	2,3',4,4',5-Pentachlorobiphenyl	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200929-31	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA1501200929-31	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	3.4 J	3.4 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA1501200903	N	o,p'-DDT	8.9	7.3 J	7.3 J	ug/kg	TR
BNASIM/NONE	SE	OA1501200905	N	o,p'-DDT	8.7	7.1 J	7.1 J	ug/kg	TR
BNASIM/NONE	SE	OA1501200913-15	N	o,p'-DDD	8.3	81.0	81.0 J	ug/kg	M
BNASIM/NONE	SE	OA1501200913-15	N	p,p'-DDD	8.3	220	220 J	ug/kg	M
BNASIM/NONE	SE	OA1501200913-15	N	o,p'-DDE	8.3	500	500 J	ug/kg	MD2
BNASIM/NONE	SE	OA1501200913-15	N	p,p'-DDE	83.0	2000 D	2000 J	ug/kg	MD2
BNASIM/NONE	SE	OA1501200913-15	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	83.0	1200 D	1200 J	ug/kg	MD2
BNASIM/NONE	SE	OA1501200913-15	N	1,1-bis(p-chlorophenyl)ethane	8.3	280	280 J	ug/kg	M
BNASIM/NONE	SE	OA1501200913-15	N	o,p'-DDT	8.3	5.9 J	5.9 J	ug/kg	MTR
BNASIM/NONE	SE	OA1501200913-15	N	p,p'-DDT	8.3	8.3 U	8.3 UJ	ug/kg	M

BNASIM/NONE	SE	OA1501200925-27	N	o,p'-DDT	7.3	4.6 J	4.6	J	ug/kg	TR
BNASIM/NONE	SE	OA1501200933-35	N	p,p'-DDD	7.0	4.2 J	4.2	J	ug/kg	TR
BNASIM/NONE	SE	OA1501200933-35	N	o,p'-DDE	7.0	4.9 J	4.9	J	ug/kg	TR
BNASIM/NONE	SE	OA1501200937-39	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.2	3.9 J	3.9	J	ug/kg	TR
BNASIM/NONE	SE	OA1501200941-43	N	o,p'-DDE	7.0	2.3 J	2.3	J	ug/kg	TR
BNASIM/NONE	SE	OA1501200941-43	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.0	4.2 J	4.2	J	ug/kg	TR
BNASIM/NONE	SE	OA1501200945-47	N	p,p'-DDE	7.1	5.5 J	5.5	J	ug/kg	TR
BNASIM/NONE	SE	OA1501200945-47	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	7.1	2.7 J	2.7	J	ug/kg	TR
BNASIM/NONE	SE	OA1501200949	N	o,p'-DDE	7.1	2.6 J	2.6	J	ug/kg	TR
BNASIM/NONE	SE	OA1501200949	N	1,1-bis(p-chlorophenyl)ethane	7.1	2.2 J	2.2	J	ug/kg	TR

DATA VALIDATION REPORT
Pesticides

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111379
Analysis:	SW8270-SIM - Pesticides
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA2301200901	091117391	Soil	Pesticides
OA2301200903	091117392	Soil	Pesticides
OA2301200905	091117393	Soil	Pesticides
OA2301200907	091117394	Soil	Pesticides
OA2301200909-11	0911173928	Soil	Pesticides
OA2301200913-15	0911173929	Soil	Pesticides
OA2301200917-19	0911173930	Soil	Pesticides
OA2301200921-23	0911173931	Soil	Pesticides
OA2301200925-27	0911173932	Soil	Pesticides
OA2301200929-31	0911173933	Soil	Pesticides
OA2301200933-35	0911173934	Soil	Pesticides
OA2301200937-39	0911173935	Soil	Pesticides
OA2301200941-43	0911173936	Soil	Pesticides
OA2301200945-47	0911173937	Soil	Pesticides
OA2301200949-51	0911173938	Soil	Pesticides
OA2301200953	0911173927	Soil	Pesticides

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed pesticides in accordance with *Method SW8270-SIM*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample extraction and analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found on the analytical raw data and summary forms. Samples were received properly preserved and refrigerated. The chain of custody records were complete and in agreement with the laboratory sample lists. All technical holding times were met

Action: No qualifiers have been applied.

II. GC/MS INSTRUMENT PERFORMANCE CHECK

Not applicable to this SDG

III. INITIAL CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for compounds on the Target Compound List (TCL). Initial calibration demonstrates that the instrument is capable of acceptable performance and of producing a linear calibration curve.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial calibrations were performed in accordance with the method. All RRFs and RSD values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IV. CONTINUING CALIBRATION

Objective: Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for target compounds at the beginning of the analytical sequence. The continuing calibration establishes the 12 hour relative

response factors on which the quantitations are based and demonstrates satisfactory performance of the instrument on a day to day basis.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Continuing calibrations were performed in accordance with the method. All RRFs and %D values were within control limits, with the exception of those shown in the following table. No calculation or transcription errors were observed.

Date	Analyte	%D	Criteria	Action	Associated Samples
12-18-09 18:05	4,4-DDT	26.3	≤ 20%	J/None	All Samples
12-19-09 17:27	4,4-DDT	20.7	≤ 20%	J/None	No samples are associated

Action: Results for compounds demonstrating increased sensitivity from the initial calibration are considered estimated with a potential high bias; those demonstrating decreased sensitivity are considered estimated with a potential low bias. Qualifiers have been applied as indicated in the preceding table.

V. BLANKS

Objective: The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination problems resulting from laboratory and field activities. The criteria for evaluation of blanks apply to any blank associated with the samples (e.g., method blanks, instrument blanks, trip blanks, and equipment blanks). If problems exist with any blank, all associated data must be carefully evaluated to determine whether or not there is an inherent variability in the data, or if the problem is an isolated occurrence not affecting other data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts.

Method blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target compounds were present in the blanks.

Action: No qualifiers have been applied.

VI. SURROGATE SPIKES

Objective: Method performance for individual samples is demonstrated through spiking activities. All samples are spiked with surrogate compounds prior to sample preparation. The sample itself may produce effects due to such factors as interferences and high concentrations of analytes.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All surrogate recoveries were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. MATRIX SPIKES/MATRIX SPIKE DUPLICATES

Objective: Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes and matrix spike duplicates were analyzed at the appropriate frequency. All recoveries and RPD values were within control limits, with the exception of those shown in the following table. No calculation or transcription errors were observed.

Spiked Sample	Analyte	MS %Rec	MSD %Rec	Control Limits	Action	Associated Samples
OA2301200929-31	2,4-DDD	168	169	50-125	J/None	OA2301200929-31
	2,4-DDE	175	168	50-125	J/None	
	2,4-DDT	177	86 †	50-125	J/None	
	4,4-DDD	182	189	50-125	J/None	
	4,4-DDE	390	408	50-125	J/None	
	4,4-DDMU	286	283	50-125	J/None	
	4,4-DDNU	153	140	50-125	J/None	
	4,4-DDT	228	63 †	50-125	J/None	

† Included for comparison only

Spiked Sample	Analyte	%RPD	Control Limits	Action	Associated Samples
OA2301200929-31	2,4-DDT	70	≤30 %	J/UJ	OA2301200929-31
	4,4-DDT	94	≤30 %	J/UJ	

Action: Qualifiers have been applied as indicated in the preceding table.

VIII. LABORATORY CONTROL SAMPLES

Objective: Data for laboratory control samples are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IX. Regional Quality Assurance and Quality Control

Not applicable to this SDG

X. Internal Standards

Objective: Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run sequence.

Evaluation: Summary forms were not provided for verification.

Action: None.

XI. Target Compound Identification

Objective: Qualitative criteria for compound identification have been established to minimize the number of erroneous identifications of compounds, either false positives or false negatives.

Evaluation: Quantitation reports and chromatograms were examined to verify that all peaks were reported as either targets, surrogates, internal standards, or could not be identified as targets.

Target compound retention times were compared to the daily standard and were found to be acceptable. The mass spectra of each reported compound matched the corresponding standard spectra within the specified criteria. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XII. Compound Quantitation and Reported CRQLs

Objective: Careful evaluation is required to ensure that the reported quantitation results and contract required quantitation limits (CRQLs) for target compounds are accurate.

Evaluation: Quantitation reports, chromatograms, and sample preparation sheets were examined for all samples to verify the reported results and quantitation limits. Recalculations were performed to verify reported results. Refer to the Reporting Anomalies report for instances where CRQLs were not met.

No calculation errors or other discrepancies were found. The correct internal standards, quantitation ions, and RRFs were used for compound quantitation.

Project requested reporting limits were not met.

Action: No qualifiers have been applied.

XIII. Tentatively Identified Compounds

Not applicable to this SDG

XIV. SYSTEM PERFORMANCE

Objective: During the period following the initial instrument performance checks, changes may occur in the system that degrade the quality of the data. While this degradation would not be directly shown until the next required series of instrument performance checks, a thorough review of the ongoing data acquisition can yield indications of instrument performance.

Evaluation: No chromatographic retention time shifts, changes in resolution, or other indicators of performance degradation were observed throughout any of the analytical sequences.

Action: No qualifiers have been applied.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have warranted the qualification of a minimal portion of the data set. The deficiencies described in this report are not considered cause for serious concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
PCBs

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111379
Analysis:	SW8270-SIM - PCBs
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA2301200901	091117391	Soil	PCBs
OA2301200903	091117392	Soil	PCBs
OA2301200905	091117393	Soil	PCBs
OA2301200907	091117394	Soil	PCBs
OA2301200909-11	0911173928	Soil	PCBs
OA2301200913-15	0911173929	Soil	PCBs
OA2301200917-19	0911173930	Soil	PCBs
OA2301200921-23	0911173931	Soil	PCBs
OA2301200925-27	0911173932	Soil	PCBs
OA2301200929-31	0911173933	Soil	PCBs
OA2301200933-35	0911173934	Soil	PCBs
OA2301200937-39	0911173935	Soil	PCBs
OA2301200941-43	0911173936	Soil	PCBs
OA2301200945-47	0911173937	Soil	PCBs
OA2301200949-51	0911173938	Soil	PCBs
OA2301200953	0911173927	Soil	PCBs

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed PCBs in accordance with *Method SW8270-SIM*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample extraction and analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found on the analytical raw data and summary forms. Samples were received properly preserved and refrigerated. The chain of custody records were complete and in agreement with the laboratory sample lists. All technical holding times were met.

Action: No qualifiers have been applied.

II. GC/MS INSTRUMENT PERFORMANCE CHECK

Not applicable to this SDG

III. INITIAL CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for compounds on the Target Compound List (TCL). Initial calibration demonstrates that the instrument is capable of acceptable performance and of producing a linear calibration curve.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial calibrations were performed in accordance with the method. All RRFs and RSD values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IV. CONTINUING CALIBRATION

Objective: Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for target compounds at the beginning of the analytical sequence. The continuing calibration establishes the 12 hour relative

response factors on which the quantitations are based and demonstrates satisfactory performance of the instrument on a day to day basis.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Continuing calibrations were performed in accordance with the method. All RRFs and %D values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

V. BLANKS

Objective: The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination problems resulting from laboratory and field activities. The criteria for evaluation of blanks apply to any blank associated with the samples (e.g., method blanks, instrument blanks, trip blanks, and equipment blanks). If problems exist with any blank, all associated data must be carefully evaluated to determine whether or not there is an inherent variability in the data, or if the problem is an isolated occurrence not affecting other data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts.

Method blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target compounds were present in the blanks.

Action: No qualifiers have been applied.

VI. SURROGATE SPIKES

Objective: Method performance for individual samples is demonstrated through spiking activities. All samples are spiked with surrogate compounds prior to sample preparation. The sample itself may produce effects due to such factors as interferences and high concentrations of analytes.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All surrogate recoveries were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. MATRIX SPIKES/MATRIX SPIKE DUPLICATES

Objective: Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes and matrix spike duplicates were analyzed at the appropriate frequency. All recoveries and RPD values were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VIII. LABORATORY CONTROL SAMPLES

Objective: Data for laboratory control samples are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IX. REGIONAL QUALITY ASSURANCE AND QUALITY CONTROL

Not applicable to this SDG

X. INTERNAL STANDARDS

Objective: Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run sequence.

Evaluation: Summary forms were not provided for verification.

Action: None.

XI. TARGET COMPOUND IDENTIFICATION

Objective: Qualitative criteria for compound identification have been established to minimize the number of erroneous identifications of compounds, either false positives or false negatives.

Evaluation: Quantitation reports and chromatograms were examined to verify that all peaks were reported as either targets, surrogates, internal standards, or could not be identified as targets.

Target compound retention times were compared to the daily standard and were found to be acceptable. The mass spectra of each reported compound matched the corresponding standard spectra within the specified criteria. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XII. Compound Quantitation and Reported CRQLs

Objective: Careful evaluation is required to ensure that the reported quantitation results and contract required quantitation limits (CRQLs) for target compounds are accurate.

Evaluation: Quantitation reports, chromatograms, and sample preparation sheets were examined for all samples to verify the reported results and quantitation limits. Recalculations were performed to verify reported results.

No calculation errors or other discrepancies were found. The correct internal standards, quantitation ions, and RRFs were used for compound quantitation.

Project requested reporting limits were not met.

Action: No qualifiers have been applied.

XIII. Tentatively Identified Compounds

Not applicable to this SDG

XIV. System Performance

Objective: During the period following the initial instrument performance checks, changes may occur in the system that degrade the quality of the data. While this degradation would not be directly shown until the next required series of instrument performance checks, a thorough review of the ongoing data acquisition can yield indications of instrument performance.

Evaluation: No chromatographic retention time shifts, changes in resolution, or other indicators of performance degradation were observed throughout any of the analytical sequences.

Action: No qualifiers have been applied.

Overall Data Assessment

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. There were no violations of method or technical criteria. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
Total Organic Carbon

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09111379
Analysis:	SW9060 - TOC
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
OA2301200901	091117391	Soil	Total Organic Carbon - TOC
OA2301200903	091117392	Soil	Total Organic Carbon - TOC
OA2301200905	091117393	Soil	Total Organic Carbon - TOC
OA2301200907	091117394	Soil	Total Organic Carbon - TOC
OA2301200909-11	0911173928	Soil	Total Organic Carbon - TOC
OA2301200913-15	0911173929	Soil	Total Organic Carbon - TOC
OA2301200917-19	0911173930	Soil	Total Organic Carbon - TOC
OA2301200921-23	0911173931	Soil	Total Organic Carbon - TOC
OA2301200925-27	0911173932	Soil	Total Organic Carbon - TOC
OA2301200929-31	0911173933	Soil	Total Organic Carbon - TOC
OA2301200933-35	0911173934	Soil	Total Organic Carbon - TOC
OA2301200937-39	0911173935	Soil	Total Organic Carbon - TOC
OA2301200941-43	0911173936	Soil	Total Organic Carbon - TOC
OA2301200945-47	0911173937	Soil	Total Organic Carbon - TOC
OA2301200949-51	0911173938	Soil	Total Organic Carbon - TOC
OA2301200953	0911173927	Soil	Total Organic Carbon - TOC

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed for total organic carbon in accordance with *USEPA Method SW9060*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found in the laboratory digestion logs and instrument run logs. The chain of custody records were complete and in agreement with the laboratory sample lists. Technical holding times were met for all analyses.

Action: No qualifiers have been applied.

II. CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical sequence, and continuing calibration verification confirms that the initial calibration is valid throughout the analytical run sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial and continuing calibration verification standards were analyzed at the proper frequency in all analytical run sequences, and recoveries were within the required limits. Correlation coefficients for multipoint calibration curves were greater than 0.995 in all cases. No calculation or transcription errors were observed.

It was noted that the calibration curve verification was done using a linear regression, which was determined to be within project acceptance limits but did not match the curve provided by the laboratory. The difference in the correlation coefficients appears to be due to the fact that the laboratory is forcing the curve to the origin along with being weighted. In addition, the sample calculations were determined using response factors (RF) as indicated in the laboratory's SOP.

Action: No qualifiers have been applied.

III. BLANKS

***Objective*:** The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination resulting from laboratory and field activities. The criteria for evaluation of blanks applies to any blank associated with the samples including method blanks, instrument blanks, and equipment blanks. If problems exist with any blank, careful evaluation is required to determine the potential impact on all associated data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts.

Method and instrument blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target analytes were present in the blanks.

Action: No qualifiers have been applied.

IV. LABORATORY CONTROL SAMPLES (LCS)

Objective: The laboratory control sample measures the overall performance of the analytical process, including sample preparation.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

V. DUPLICATE SAMPLE ANALYSIS

Objective: Duplicate analyses are performed in order to assess laboratory precision for each sample matrix.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory duplicates were analyzed at the appropriate frequency with acceptable results. All RPD values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VI. MATRIX SPIKE SAMPLE ANALYSIS

Objective: Matrix spike sample analyses are performed in order to assess method performance for each sample matrix.

Evaluation: Matrix spikes were performed on a sample from another SDG and thus were not evaluated.

Action: None.

VII. SAMPLE RESULT VERIFICATION

Objective: Careful evaluation is required to ensure that the reported results and contract required detection limits (CRDLs) for target analytes are accurate.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

No errors in transcriptions or data reduction were found. All reported results were within the appropriate calibration ranges.

Action: No qualifiers have been applied.

VIII. FIELD DUPLICATES

No field duplicates were identified in this SDG.

IX. FIELD BLANKS

No field blanks were identified in this SDG.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
Moisture

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09112234
Analysis:	D2216 - Moisture
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
BA2DC01200901	091122341	Soil	Moisture
BA2DC01200903	091122342	Soil	Moisture
BA2DC01200905	091122343	Soil	Moisture
BA2DC01200907	091122344	Soil	Moisture
BA2DC01200909-11	0911223425	Soil	Moisture
BA2DC01200913-15	0911223426	Soil	Moisture
BA2DC01200917-19	0911223427	Soil	Moisture
BA2DC01200921-23	0911223428	Soil	Moisture
BA2DC01200925-27	0911223429	Soil	Moisture
BA2DC01200929-31	0911223430	Soil	Moisture
BA2DC01200933-35	0911223431	Soil	Moisture
BA2DC01200937-39	0911223432	Soil	Moisture
BA2DC01200941-43	0911223433	Soil	Moisture
BA2DC01200945-47	0911223434	Soil	Moisture

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed moisture in accordance with *Method D2216*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found in the laboratory digestion logs and instrument run logs. The chain of custody records were complete and in agreement with the laboratory sample lists. Technical holding times were met for all analyses.

Action: No qualifiers have been applied.

II. CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria.

Action: No qualifiers have been applied.

III. BLANKS

***Objective*:** The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination resulting from laboratory and field activities. The criteria for evaluation of blanks applies to any blank associated with the samples including method blanks, instrument blanks, and equipment blanks. If problems exist with any blank, careful evaluation is required to determine the potential impact on all associated data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Method and instrument blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. Reportable concentrations of the target analytes were not observed in any of the blanks.

Action: No qualifiers have been applied.

IV. Duplicate Sample Analysis

Objective: Duplicate analyses are performed in order to assess laboratory precision for each sample matrix.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory duplicates were analyzed at the appropriate frequency with acceptable results. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

V. Sample Result Verification

Objective: Careful evaluation is required to ensure that reported results and contract required detection limits (CRDLs) for target analytes are accurate.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

No errors in transcriptions or data reduction were found. All reported results were within the appropriate calibration ranges.

Action: No qualifiers have been applied.

Overall Data Assessment

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

GC/MS VALIDATION WORKSHEET
EPA Level 4

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA2301200901	091117391	SO	N	11	OA2301200933-35	0911173934	SO	N
2	OA2301200903	091117392	SO	N	12	OA2301200937-39	0911173935	SO	N
3	OA2301200905	091117393	SO	N	13	OA2301200941-43	0911173936	SO	N
4	OA2301200907	091117394	SO	N	14	OA2301200945-47	0911173937	SO	N
5	OA2301200909-11	0911173928	SO	N	15	OA2301200949-51	0911173938	SO	N
6	OA2301200913-15	0911173929	SO	N	16	OA2301200953	0911173927	SO	N
7	OA2301200917-19	0911173930	SO	N	17				
8	OA2301200921-23	0911173931	SO	N	18				
9	OA2301200925-27	0911173932	SO	N	19				
#	OA2301200929-31	0911173933	SO	N	20				

† N = Normal Environmental Sample EB = Equipment Blank AB = Ambient Blank
TB = Trip Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Technical Holding Times/Sample Receipt	A	
II.	Instrument Performance	N	
III.	Initial Calibration	A	
IV.	Continuing Calibration	SW	
V.	Blanks	A	
VI.	Surrogate Spikes	A	
VII.	Matrix Spikes/Matrix Spike Duplicates	SW	
VIII.	Laboratory Control Samples	A	
IX.	Internal Standards	N	
X.	Target Compound Identification	A	
XI.	Compound Quantitation and Reported CRQLs	SW	Compounds did not meet the project RLs.
XII.	System Performance	N	

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level 4

SDG #: 09111739
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: BNASIM

Date: 2/24/10
Page: 1 of 2
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA2301200901	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200903	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200905	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200907	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200909-11	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200913-15	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200917-19	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200921-23	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200925-27	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200929-31	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200933-35	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200937-39	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200941-43	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200945-47	11/19/09	11/20/09	Y	Yes								0

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level III / IV AFCEE Level I / 2 NEESA Level C / D

SDG #: 09111739
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: BNASIM

Date: 2/24/10
Page: 2 of 2
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were all samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA2301200949-51	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200953	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0

Comments:

GC/MS VALIDATION WORKSHEET
INITIAL CALIBRATION
EPA Level 4

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all standards analyzed at the appropriate concentrations?	**Yes**
Were all samples associated with an acceptable initial calibration?	**Yes**
Were all RRF values met?	**NA**
Were all %RSD values </= 20.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %RSDs?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Compound	%RSD/RRF	Criteria	Action	Associated Samples

CALCULATIONS

RRF Standard ID:	12-10-09 50ppb	Calibration ID:	12/10/2009
Compound ID:	4,4-DDD	Compound ID:	4,4-DDT
Reported Result:	0.854	%RSD:	14.54

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%RSD = \frac{\text{Standard Deviation}}{\text{Average RRF}} \times 100$$

Compound Area =	5855
I.S. Area =	685533
Compound Conc. =	50.0
I.S. Conc. =	5000.0

RF Level 1 =	0.4680
RF Level 2 =	0.4990
RF Level 3 =	0.5910
RF Level 4 =	0.6550
RF Level 5 =	0.6360

RRF =	0.854	
	Matches	
Standard Deviation =	0.083	
Average RRF =	0.5698	Matches
%RSD =	14.54	Matches

Comments:

GC/MS VALIDATION WORKSHEET
CONTINUING CALIBRATION
EPA Level 4

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	BNASIM		

Were all samples associated with an acceptable continuing calibration?	**Yes**
Were all RRF values >/= 0.05?	**NA**
Were all %D values </= 20.0?	**No**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %Ds?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Compound	RRF/%D	Criteria	Action	Associated Samples
12-18-09 18:05	4,4-DDT	26.3	<=20	J/None	All Samples
12/19/2009 17:27	4,4-DDT	20.7	<=20	J/None	None are associated

CALCULATIONS

RRF Standard ID:	12/18/2009 18:05	Calibration ID:	12/18/2009 18:05
Compound ID:	4,4-DDT	Compound ID:	4,4-DDD
Reported Result:	0.720	%RSD:	5.1

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%D = \frac{\text{Average RRF - CCV RRF}}{\text{Average RRF}} \times 100$$

Compound Area =	86582	Average RRF =	0.856
I.S. Area =	601007	CCV RRF =	0.900
Compound Conc. =	1000.0		
I.S. Conc. =	5000.0	%D =	-5.1 Matches

RRF = 0.720 Matches

%D Indicating Bias = 5.1

Comments:

GC/MS VALIDATION WORKSHEET
BLANKS
EPA Level 4

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Was a blank analyzed for each extraction batch?	**Yes**
Was a storage blank analyzed on each day of analysis?	**Yes**
(SVOA) Was a blank analyzed for each GC/MS system?	**Yes**
(VOA) Was a blank analyzed for each 12 hour period?	**NA**
Were all field blanks analyzed appropriately?	**NA**
(VOA) Were all trip blanks analyzed appropriately	**NA**
Were all blanks free of contamination at or above the MDL/CRQL?	**Yes**

Record any contaminants (target or non-target) which were detected in the blanks.

Blank	Compound	Conc. (ug/L)	CRQL (ug/L)	Action Level	Action	Associated Samples

Action
Level = 10 X Blank concentration (common contaminants-methylene chloride, acetone, 2-butanone, phthalates)
5 X Blank concentration (all other TCL compounds)

Comments:

GC/MS VALIDATION WORKSHEET
SURROGATE SPIKES/SYSTEM MONITORING COMPOUNDS - WATER SAMPLES
EPA Level 4

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all surrogate recoveries within the specified criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**

List any samples which did not have acceptable surrogate recoveries.

Sample ID	Surrogate	%Rec.	Control Limits	Action

Any non-detect result associated with a surrogate recovery below 10% should be rejected.

CALCULATIONS

Sample ID: OA2301200901
Compound ID: 2,4,5,6-Tetrachloro-m-Xylene
Reported Result: 91

$$\% \text{ Recovery} = \frac{\text{Conc. Surr. In Sample}}{\text{Conc. Surr. Spiked}} \times 100$$

Conc. In Sample = 907.7
Surr. Spike Conc. = 1000.0

% Recovery = 91 Matches

Comments:

GC/MS VALIDATION WORKSHEET - MATRIX SPIKES/DUPLICATES
EPA Level 4

SDG #: 09111739
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: BNASIM
Matrix: Sediment

Were MS/MSD samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **No**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

Spiked Sample ID	Compound Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action
OA2301200929-31	2,4-DDD	168	169	50-125			OA2301200929-31	J/None
	2,4-DDE	175	168	50-125				J/None
	2,4-DDT	177	86 †	50-125	70	<=30		J/UJ
	4,4-DDD	182	189	50-125				J/None
	4,4-DDE	390	408	50-125				J/None
	4,4-DDMU	286	283	50-125				J/None
	4,4-DDNU	153	140	50-125				J/None
	4,4-DDT	228	63 †	50-125	94	<=30		J/UJ

CALCULATIONS

Sample ID: OA2301200929-31
Compound ID: 4,4-DDE
Recovery: 390

Sample ID: OA2301200929-31
Compound ID: 4,4-DDT
RPD: 94

$$\% \text{ Recovery} = \frac{\text{Conc. MS - Conc. Unspiked Sample}}{\text{MS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{MS Conc. - MSD Conc.}|}{(\text{MS Conc. + MSD Conc.})/2} \times 100$$

Conc. MS = 20315
Unspiked Samp. = 16415
MS Spike Conc. = 1000

% Recovery = 390 Matches

MS Conc. = 2570.0
MSD Conc. = 923.0

RPD = 94 Matches

Comments: †Used as a comparison

GC/MS VALIDATION WORKSHEET
LABORATORY CONTROL SAMPLES
EPA Level 4

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were laboratory control samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

LCS ID	Compound Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action

† LCSD is not required; however, it may be provided in some instances

CALCULATIONS

Sample ID:	088-13-013-23	Sample ID:	099-13-013-8
Compound ID:	4,4-DDE	Compound ID:	4,4-DDT
Recovery:	90	RPD:	2

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{LCS Conc.} - \text{LCSD Conc.}|}{(\text{LCS Conc.} + \text{LCSD Conc.})/2} \times 100$$

Conc. LCS = 903.0
LCS Spike Conc. = 1000.0

LCS Conc. = 1018
LCSD Conc. = 998

% Recovery = 90 Matches

RPD = 2 Matches

Comments:

GC/MS VALIDATION WORKSHEET
INTERNAL STANDARDS
EPA Level 4

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all internal standard values within +/- 50% of the calibration standard? **NA**
Were all internal standard RTs within +/- 30 seconds of the calibration standard? **NA**
Did the raw data agree with the summary report? **NA**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Sample	Internal Standard	Area Counts %	Control Limits	Action
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	

BCM:	Bromochloromethane	DCB:	1,4-Dichlorobenzene-d4	PHN:	Phenanthrene-d10
DFB:	1,4-Difluorobenzene	NPT:	Naphthalene-d8	CRY:	Chrysene-d12
CBZ:	Chlorobenzene-d5	ANT:	Acenaphthene-d10	PRY:	Perylene-d12

Comments:

GC/MS VALIDATION WORKSHEET
TARGET COMPOUND QUANTITATION
EPA Level 4

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**Yes**
Were all positive hits verified by acceptable mass spectra?	**Yes**
Were all retention times within 0.06 RRT units of the daily standard?	**NA**

CALCULATIONS

Sample ID: OA2301200901
Compound ID: 4,4-DDE
Reported Result: 950

$$\text{Conc. In Sample} = \frac{\text{Area Cmpd. In Sample}}{\text{Area of I.S.}} \times \frac{\text{Conc. of I.S.}}{\text{Average RRF}} \times \frac{\text{Final Volume}}{\text{Initial Amount}} \times \text{Dilution Factor}$$

		Units
Area Sample =	402750	Area
Area I.S. =	760928	Area
Conc. I.S. =	5000	
Average RRF =	0.507	NA
Final Volume =	2.0	mL
Initial Amount =	20.0	
Dilution Factor =	1.0	NA

Conc. In Sample = 522.0
Moisture Corrected = 951 Matches 45.1 % Moist

Comments - Compounds did not meet the project RLs.

GC/MS VALIDATION WORKSHEET
EPA Level 4

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: PCBSIM

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA2301200901	091117391	SO	N	11	OA2301200933-35	0911173934	SO	N
2	OA2301200903	091117392	SO	N	12	OA2301200937-39	0911173935	SO	N
3	OA2301200905	091117393	SO	N	13	OA2301200941-43	0911173936	SO	N
4	OA2301200907	091117394	SO	N	14	OA2301200945-47	0911173937	SO	N
5	OA2301200909-11	0911173928	SO	N	15	OA2301200949-51	0911173938	SO	N
6	OA2301200913-15	0911173929	SO	N	16	OA2301200953	0911173927	SO	N
7	OA2301200917-19	0911173930	SO	N	17				
8	OA2301200921-23	0911173931	SO	N	18				
9	OA2301200925-27	0911173932	SO	N	19				
#	OA2301200929-31	0911173933	SO	N	20				

† N = Normal Environmental Sample EB = Equipment Blank AB = Ambient Blank
TB = Trip Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Technical Holding Times/Sample Receipt	A	
II.	Instrument Performance	N	
III.	Initial Calibration	A	
IV.	Continuing Calibration	A	
V.	Blanks	A	
VI.	Surrogate Spikes	A	
VII.	Matrix Spikes/Matrix Spike Duplicates	A	
VIII.	Laboratory Control Samples	A	
IX.	Internal Standards	N	
X.	Target Compound Identification	A	
XI.	Compound Quantitation and Reported CRQLs	SW	Compounds did not meet the project RLs.
XII.	System Performance	N	

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level 4

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: PCBSIM

Date: 2/24/10
Page: 1 of 2
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA2301200901	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/18/09	40 days	1/10/10	0
OA2301200903	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/18/09	40 days	1/10/10	0
OA2301200905	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/18/09	40 days	1/10/10	0
OA2301200907	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/18/09	40 days	1/10/10	0
OA2301200909-11	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200913-15	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200917-19	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/19/09	40 days	1/10/10	0
OA2301200921-23	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/16/09	40 days	1/10/10	0
OA2301200925-27	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/16/09	40 days	1/10/10	0
OA2301200929-31	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/16/09	40 days	1/10/10	0
OA2301200933-35	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/16/09	40 days	1/10/10	0
OA2301200937-39	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/16/09	40 days	1/10/10	0
OA2301200941-43	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/17/09	40 days	1/10/10	0
OA2301200945-47	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/17/09	40 days	1/10/10	0

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level III / IV AFCEE Level I / 2 NEESA Level C / D

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: PCBSIM

Date: 2/24/10
Page: 2 of 2
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were all samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA2301200949-51	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/16/09	40 days	1/10/10	0
OA2301200953	11/19/09	11/20/09	Y	Yes	12/1/09	360 days	11/14/10	0	12/18/09	40 days	1/10/10	0

Comments:

GC/MS VALIDATION WORKSHEET
INITIAL CALIBRATION
EPA Level 4

SDG #:	09111479	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all standards analyzed at the appropriate concentrations?	**Yes**
Were all samples associated with an acceptable initial calibration?	**Yes**
Were all RRF values met?	**NA**
Were all %RSD values </= 20.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %RSDs?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Compound	%RSD/RRF	Criteria	Action	Associated Samples

CALCULATIONS

RRF Standard ID:	12/16/2009 50 ppl	Calibration ID:	12/16/2009
Compound ID:	PCB008	Compound ID:	PCB180
Reported Result:	0.639	%RSD:	9.31

RRF = Compound Area X I.S. Conc. / I.S. Area X Compound Conc.

%RSD = Standard Deviation / Average RRF X 100

		RF Level 1 =	0.7260	RF Level 6 =	
Compound Area =	2977	RF Level 2 =	0.9120	RF Level 7 =	
I.S. Area =	466008	RF Level 3 =	0.9050	RF Level 8 =	
Compound Conc. =	50.0	RF Level 4 =	0.8850	RF Level 9 =	
I.S. Conc. =	5000.0	RF Level 5 =	0.9170		

RRF =	0.639	Standard Deviation =	0.081	
	Matches	Average RRF =	0.869	Matches
		%RSD =	9.31	Matches

Comments:

GC/MS VALIDATION WORKSHEET
CONTINUING CALIBRATION
EPA Level 4

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: PCBSIM

Were all samples associated with an acceptable continuing calibration?	**Yes**
Were all RRF values >/= 0.05?	**NA**
Were all %D values </= 30.0?	
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %Ds?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Compound	RRF/%D	Criteria	Action	Associated Samples
			<=30	J/None	

CALCULATIONS

RRF Standard ID: 12/16/2009
Compound ID: PCB187
Reported Result: 0.948

Calibration ID: 12/16/2009
Compound ID: PCB209
%RSD: 11.7

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%D = \frac{\text{Average RRF - CCV RRF}}{\text{Average RRF}} \times 100$$

Compound Area = 169475
I.S. Area = 446882
Compound Conc. = 2000.0
I.S. Conc. = 5000.0

Average RRF =
CCV RRF =

%D = #DIV/0! Matches

RRF = 0.948
Matches

%D Indicating Bias = #DIV/0!

Comments:

GC/MS VALIDATION WORKSHEET
BLANKS
EPA Level 4

SDG #:	09111479	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	PCBSIM		

Was a blank analyzed for each extraction batch?	**Yes**
Was a storage blank analyzed on each day of analysis?	**Yes**
(SVOA) Was a blank analyzed for each GC/MS system?	**Yes**
(VOA) Was a blank analyzed for each 12 hour period?	**NA**
Were all field blanks analyzed appropriately?	**NA**
(VOA) Were all trip blanks analyzed appropriately	**NA**
Were all blanks free of contamination at or above the MDL/CRQL?	**Yes**

Record any contaminants (target or non-target) which were detected in the blanks.

Blank	Compound	Conc. (ug/L)	CRQL (ug/L)	Action Level	Action	Associated Samples
			5	0	U/None	

Action Level = 10 X Blank concentration (common contaminants-methylene chloride, acetone, 2-butanone, phthalates)
5 X Blank concentration (all other TCL compounds)

Comments:

GC/MS VALIDATION WORKSHEET
SURROGATE SPIKES/SYSTEM MONITORING COMPOUNDS - WATER SAMPLES
EPA Level 4

SDG #:	09111479	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all surrogate recoveries within the specified criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**

List any samples which did not have acceptable surrogate recoveries.

Sample ID	Surrogate	%Rec.	Control Limits	Action

Any non-detect result associated with a surrogate recovery below 10% should be rejected.

CALCULATIONS

Sample ID: OA2301200901
Compound ID: 2,4,5,6-Tetrachloro-m-Xylene
Reported Result: 82

$$\% \text{ Recovery} = \frac{\text{Conc. Surr. In Sample}}{\text{Conc. Surr. Spiked}} \times 100$$

Conc. In Sample = 824.0
Surr. Spike Conc. = 1000.0

% Recovery = 82 Matches

Comments:

GC/MS VALIDATION WORKSHEET - MATRIX SPIKES/DUPLICATES
EPA Level 4

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: PCBSIM
Matrix:

Were MS/MSD samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

Spiked Sample ID	Compound Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action
				50-125				

CALCULATIONS

Sample ID: OA2301200933-35
Compound ID: PCB008
Recovery: 79

Sample ID: OA2301200933-35
Compound ID: PCB209
RPD: 3

% Recovery = (Conc. MS - Conc. Unspiked Sample) / MS Spike Conc. X 100

RPD = |MS Conc. - MSD Conc.| / (MS Conc. + MSD Conc.)/2 X 100

Conc. MS = 794
Unspiked Samp. = 0
MS Spike Conc. = 1000

% Recovery = 79 Matches

MS Conc. = 927.0
MSD Conc. = 898.0

RPD = 3 Matches

Comments: †Used as a comparison

GC/MS VALIDATION WORKSHEET
LABORATORY CONTROL SAMPLES
EPA Level 4

SDG #: 09111479
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: PCBSIM

Were laboratory control samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

LCS ID	Compound Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action

† LCSD is not required; however, it may be provided in some instances

CALCULATIONS

091201L06
Sample ID: 099-13-017-57
Compound ID: PCB008
Recovery: 92

Sample ID: 099-13-017-57
Compound ID: PCB018
RPD: 3

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{LCS Conc.} - \text{LCSD Conc.}|}{(\text{LCS Conc.} + \text{LCSD Conc.})/2} \times 100$$

Conc. LCS = 919.5
LCS Spike Conc. = 1000.0

LCS Conc. = 860
LCSD Conc. = 882

% Recovery = 92 Matches

RPD = 3 Matches

Comments:

GC/MS VALIDATION WORKSHEET
INTERNAL STANDARDS
EPA Level 4

SDG #:	09111479	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all internal standard values within +/- 50% of the calibration standard? **NA**
Were all internal standard RTs within +/- 30 seconds of the calibration standard? **NA**
Did the raw data agree with the summary report? **NA**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Sample	Internal Standard	Area Counts %	Control Limits	Action
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	

BCM:	Bromochloromethane	DCB:	1,4-Dichlorobenzene-d4	PHN:	Phenanthrene-d10
DFB:	1,4-Difluorobenzene	NPT:	Naphthalene-d8	CRY:	Chrysene-d12
CBZ:	Chlorobenzene-d5	ANT:	Acenaphthene-d10	PRY:	Perylene-d12

Comments:

GC/MS VALIDATION WORKSHEET
TARGET COMPOUND QUANTITATION
EPA Level 4

SDG #:	09111479	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**Yes**
Were all positive hits verified by acceptable mass spectra?	**Yes**
Were all retention times within 0.06 RRT units of the daily standard?	**NA**

CALCULATIONS

Sample ID: OA2301200901
Compound ID: PCB101
Reported Result: **9.2**

$$\text{Conc. In Sample} = \frac{\text{Area Cmpd. In Sample}}{\text{Area of I.S.}} \times \frac{\text{Conc. of I.S.}}{\text{Average RRF}} \times \frac{\text{Final Volume}}{\text{Initial Amount}} \times \text{Dilution Factor}$$

		Units
Area Sample =	6327	Area
Area I.S. =	1344420	Area
Conc. I.S. =	5000	
Average RRF =	0.468	NA
Final Volume =	2.0	mL
Initial Amount =	20.0	
Dilution Factor =	1.0	NA

Conc. In Sample = 5.0
Moisture Corrected = 9.2 Matches 45.1 % Moist

Comments - Compounds did not meet the project RLs.

Level 4

SDG #: 09111739
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	OA2301200901	091117391	Soil	N	11	OA2301200933-35	0911173934	Soil	N
2	OA2301200903	091117392	Soil	N	12	OA2301200937-39	0911173935	Soil	N
3	OA2301200905	091117393	Soil	N	13	OA2301200941-43	0911173936	Soil	N
4	OA2301200907	091117394	Soil	N	14	OA2301200945-47	0911173937	Soil	N
5	OA2301200909-11	0911173928	Soil	N	15	OA2301200949-51	0911173938	Soil	N
6	OA2301200913-15	0911173929	Soil	N	16	OA2301200953	0911173927	Soil	N
7	OA2301200917-19	0911173930	Soil	N	17				
8	OA2301200921-23	0911173931	Soil	N	18				
9	OA2301200925-27	0911173932	Soil	N	19				
#	OA2301200929-31	0911173933	Soil	N	20				

† N = Normal Environmental Sample FB = Field Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Sample Preservation/Handling/Holding Times	A	
II.	Calibration	A	
III.	Blanks	A	
IV.	Laboratory Control Samples (LCS)	A	
V.	Duplicate Sample	A	
VI.	Matrix Spikes (MS)	N	NON-SDG
VII.	Sample Result Verification	A	
VIII.	Overall Assessment of Data	A	
IX.	Field Duplicate	N	
X.	Field Blanks	N	
XI.			

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

Level 4

SDG #: 09111739
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 2
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were all samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Digested**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA2301200901	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200903	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200905	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200907	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200909-11	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200913-15	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200917-19	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200921-23	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200925-27	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200929-31	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200933-35	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200937-39	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200941-43	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200945-47	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0

Comments: The date of moisture was used as it has the lowest hold time days of 6 months. The TOC analysis has 1 year and was analyzed on 12-15-09.

Level 4

SDG #: 09111739
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 2 of 2
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were all samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Digested**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
OA2301200949-51	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0
OA2301200953	11/19/09	11/20/09	Y	OK	NA	NA			11/24/09	180 days	5/18/10	0

Comments:

Level 4
Initial Calibration

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Were all standards analyzed at appropriate concentrations?	**Yes**
Were instruments calibrated daily?	**Yes**
Were instruments calibrated each time instruments were set up?	**Yes**
Were ICV % Recoveries within limits or correlation coefficient values >/= 0.995?	**Yes**
Were recalculations performed on a representative sample of correlation coefficients?	**NA**

List any standards which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Analyte	%Rec./Corr. Coef.	Criteria	Action	Associated Samples

Calculation if Response = x and Conc. = y:

Standard ID:	TOC 4 9-17-2009	Reported Y-Intercept:	0
Analyte:	TOC	Reported Slope:	0
		R2	0.9966

Conc. (y) = Slope (m) * Response (x) + Y-Intercept (b)

	(x) Response	(y) Conc.
Level 1 =	0	0
Level 2 =	3723	0.9
Level 3 =	19145	6
Level 4 =	45279.5	15
Level 5 =	89384.5	30

Y-Intercept =	-0.265	
Slope =	0.0003	
r2 =	0.9998	Close Match
r =	0.9999	

Comments: it is noted that the laboratory appears to force through the origin with a weighted curve.

Level 4
Continuing Calibration

SDG #: 09111739
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

Were all samples associated with an acceptable continuing calibration?	**Yes**
Were CCV %Recoveries within limits or %D values </= 20% ?	**Yes**
Were recalculations performed on a representative sample of the %Ds/Rec.s?	**Yes**

List any standards which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Analyte	%D/%Rec.	Criteria	Action	Associated Samples

CCV Standard ID: 12/15/09
Analyte ID: TOC
CCV % Rec.: 102

True CCV Conc. = 6
Found CCV Conc. = 6.109

Calculated % Recovery = 102 Matches

Comments:

Level 4
Blanks - Final Findings

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 2
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Was a blank analyzed for each preparation batch?	**Yes**
Were all field blanks analyzed appropriately?	**NA**
Were all blanks free of contamination at or above the IDL?	**Yes**

Record any contaminants (target or non-target) with an absolute value >IDL which were detected in the blanks. These values indicate the highest concentration found in any blank on the PB/ICB/CCB worksheet.
Be sure to check the units and indicate bias +/-

Blank ID/ Date	Blank Type	Analyte	Conc. (mg/Kg)	CRQL (mg/Kg)	Action Level	Action	Associated Samples

Action Level = 5 X Blank concentration

Comments:

Level 4
Laboratory Control Sample

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216
Matrix: Soil

Were laboratory control samples analyzed at the proper frequency?	**Yes**
Were all spike recoveries within the established criteria?	**Yes**
Was at least one recovery recalculated from the raw data?	**NA**
If no, list outliers below.	

LCS ID	Analyte Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	Action	Associated Samples

CALCULATIONS

LCS ID:	12/15/2009	LCS/LCSD ID:	12/15/2009
Analyte ID:	TOC	Analyte ID:	TOC
Recovery:	104		

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{LCS Conc.} - \text{LCSD Conc.}|}{(\text{LCS Conc.} + \text{LCSD Conc.})/2} \times 100$$

Conc. LCS = 6.25
LCS Spike Conc. = 6.0

LCS Conc. = 6.3
LCSD Conc. = 6.3

% Recovery = 104 Matches

RPD = 1.1

Comments:

Level 4
Duplicate/Field Duplicate

SDG #: 09111739
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method SW9060/D2216
Matrix: Soil

Was a duplicate sample analyzed at the proper frequency per matrix? **Yes**
Were all RPD values within the established criteria? **Yes**
Was at least one RPD recalculated from the raw data? **Yes**
If no, list outliers below.

Sample ID	Analyte Out of Limits	Sample Result	Duplicate Result	RPD	RPD Criteria	Action	Associated Samples

Sample ID: OA2301200909-11
Analyte ID: Moisture
RPD: 0

$$RPD = \frac{|\text{Sample Conc.} - \text{Duplicate Conc.}|}{(\text{Sample Conc.} + \text{Duplicate Conc.})/2} \times 100$$

Sample Conc. = 32.3
Duplicate Conc. = 32.4

RPD = 0 Matches

Comments:

Level 4
Matrix Spike

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216
Matrix: Soil

Were MS/MSD samples analyzed at the proper frequency per matrix?	**No**
Were all spike recoveries and RPD values within the established criteria?	**NA**
Was at least one recovery recalculated from the raw data?	**NA**

List outliers below.

Spiked Sample ID	Analyte Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	Action	Associated Samples

Comments: Matrix spike sample from another SDG.

Level 4
Sample Result Verification

SDG #:	09111739	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**NA**
Are results within calibration range?	**Yes**
Are all detection limits below CRDL?	**Yes**

Sample ID: OA2301200901
Compound ID: TOC
Reported Result: 1.8 PERCENT Average areas and weights used for calculation

Conc. In Sample = Area of sample * (Ave RF/1000) / 1000 ug to mg / Sample Weight in mg * 100 for percent
Divide by Solids

		Units
Area Sample =	6214	Area
Ave RF	329.46	cts
Sample Weight =	204.0	mg
% Solids =	54.9	%

Conc. In Sample =	1.00	Percent		45.1% Moist
Dry Weight Corrected =	1.8	Percent	**Matches**	

Comments - Describe any condition which may have an impact on the identification and/or quantification of the reported results.

SUMMARY for 09111739

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
PCBSIM/NONE	SE	OA2301200901	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	9.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.1	7.7 J	7.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,3',4,4',5-Pentachlorobiphenyl	9.1	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	PCB-138/158	9.1	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,2',5,5'-TETRACHLOROBIPHENYL	9.1	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200901	N	2,3',4,4'-TETRACHLOROBIPHENYL	9.1	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.8	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	7.4 J	7.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,3',4,4',5-Pentachlorobiphenyl	7.8	6.8 J	6.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	PCB-138/158	7.8	7.5 J	7.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.8	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.8	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.8	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200903	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.8	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,3',4,4',5-Pentachlorobiphenyl	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	7.1 J	7.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200905	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.5	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.4	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200907	N	2,4,4'-TRICHLOROBIPHENYL	7.4	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.4	3.0 J	3.0 J	ug/kg	TR

PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.4	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.4	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.4	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	7.2 J	7.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,2',5-TRICHLOROBIPHENYL	7.4	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200909-11	N	2,4,4'-TRICHLOROBIPHENYL	7.4	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.5	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.5	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.5	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.5	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.5	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200913-15	N	2,4,4'-TRICHLOROBIPHENYL	7.5	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.7	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	4.8 J	4.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	7.3 J	7.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.7	4.7 J	4.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.7	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.7	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200917-19	N	2,2',5-TRICHLOROBIPHENYL	7.7	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,4'-DICHLOROBIPHENYL	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.7	5.8 J	5.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,3,4,4',5-Pentachlorobiphenyl	7.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200921-23	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.7	6.0 J	6.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.8	5.3 J	5.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	2,3,4,4',5-Pentachlorobiphenyl	7.8	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	7.4 J	7.4 J	ug/kg	TR

PCBSIM/NONE	SE	OA2301200925-27	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.8	7.6 J	7.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.8	7.0 J	7.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200925-27	N	3,3',4,4',5-PENTACHLOROBIPHENYL	7.8	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.5	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.5	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.5	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.5	2.4 J	2.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.5	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	2,3,3',4,4',5'-Hexachlorobiphenyl	7.5	6.1 J	6.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200929-31	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.5	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.2	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.2	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.2	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.2	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	6.2 J	6.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,2',5-TRICHLOROBIPHENYL	7.2	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.2	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	5.2 J	5.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	3.8 J	3.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,3,3',4,4',5-Hexachlorobiphenyl	7.3	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.3	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,2',5-TRICHLOROBIPHENYL	7.3	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200937-39	N	2,4,4'-TRICHLOROBIPHENYL	7.3	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.3	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.3	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	7.3	3.5 J	3.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	3.1 J	3.1 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	3,3',4,4'-TETRACHLOROBIPHENYL	7.3	2.8 J	2.8 J	ug/kg	TR

PCBSIM/NONE	SE	OA2301200941-43	N	2,2',5-TRICHLOROBIPHENYL	7.3	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200941-43	N	2,4,4'-TRICHLOROBIPHENYL	7.3	4.2 J	4.2 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.1	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.1	4.9 J	4.9 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,3',4,4',5-Pentachlorobiphenyl	7.1	4.3 J	4.3 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.1	5.0 J	5.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.1	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200945-47	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	4.5 J	4.5 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,3',4,4',5-Pentachlorobiphenyl	7.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	OA2301200949-51	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	3.8 J	3.8 J	ug/kg	TR

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	OA2301200901	N	o,p'-DDT	9.1	5.3 J	5.3 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200909-11	N	o,p'-DDT	7.4	6.4 J	6.4 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200913-15	N	o,p'-DDT	7.5	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200913-15	N	p,p'-DDT	7.5	5.2 J	5.2 J	ug/kg	CTR
BNASIM/NONE	SE	OA2301200925-27	N	o,p'-DDT	7.8	6.7 J	6.7 J	ug/kg	TR
BNASIM/NONE	SE	OA2301200929-31	N	o,p'-DDD	7.5	64.0	64.0 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	p,p'-DDD	7.5	190	190 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	o,p'-DDE	7.5	580	580 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	p,p'-DDE	75.0	2500 D	2500 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	75.0	1000 D	1000 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	1,1-bis(p-chlorophenyl)ethane	7.5	150	150 J	ug/kg	M
BNASIM/NONE	SE	OA2301200929-31	N	o,p'-DDT	7.5	7.5 U	7.5 UJ	ug/kg	MD2
BNASIM/NONE	SE	OA2301200929-31	N	p,p'-DDT	7.5	44.0	44.0 J	ug/kg	CMD2
BNASIM/NONE	SE	OA2301200953	N	o,p'-DDD	6.9	4.3 J	4.3 J	ug/kg	TR

DATA VALIDATION REPORT
Pesticides

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09112234
Analysis:	SW8270-SIM - Pesticides
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
BA2DC01200901	091122341	Soil	Pesticides
BA2DC01200903	091122342	Soil	Pesticides
BA2DC01200905	091122343	Soil	Pesticides
BA2DC01200907	091122344	Soil	Pesticides
BA2DC01200909-11	0911223425	Soil	Pesticides
BA2DC01200913-15	0911223426	Soil	Pesticides
BA2DC01200917-19	0911223427	Soil	Pesticides
BA2DC01200921-23	0911223428	Soil	Pesticides
BA2DC01200925-27	0911223429	Soil	Pesticides
BA2DC01200929-31	0911223430	Soil	Pesticides
BA2DC01200933-35	0911223431	Soil	Pesticides
BA2DC01200937-39	0911223432	Soil	Pesticides
BA2DC01200941-43	0911223433	Soil	Pesticides
BA2DC01200945-47	0911223434	Soil	Pesticides

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed pesticides in accordance with *Method SW8270-SIM*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample extraction and analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found on the analytical raw data and summary forms. Samples were received properly preserved and refrigerated. The chain of custody records were complete and in agreement with the laboratory sample lists. All technical holding times were met

Action: No qualifiers have been applied.

II. GC/MS INSTRUMENT PERFORMANCE CHECK

Not applicable to this SDG

III. INITIAL CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for compounds on the Target Compound List (TCL). Initial calibration demonstrates that the instrument is capable of acceptable performance and of producing a linear calibration curve.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial calibrations were performed in accordance with the method. All RRFs and RSD values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IV. CONTINUING CALIBRATION

Objective: Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for target compounds at the beginning of the analytical sequence. The continuing calibration establishes the 12 hour relative

response factors on which the quantitations are based and demonstrates satisfactory performance of the instrument on a day to day basis.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Continuing calibrations were performed in accordance with the method. All RRFs and %D values were within control limits, with the exception of those shown in the following table. No calculation or transcription errors were observed.

Date	Analyte	%D	Criteria	Action	Associated Samples
12/22/2009	4,4-DDT	21.4	$\leq$ 20%	J/None	BA2DC01200901, BA2DC01200903, BA2DC01200905, BA2DC01200907, BA2DC01200909-11, BA2DC01200913-15, BA2DC01200917-19, BA2DC01200921-23, BA2DC01200925-27

Action: Results for compounds demonstrating increased sensitivity from the initial calibration are considered estimated with a potential high bias; those demonstrating decreased sensitivity are considered estimated with a potential low bias. Qualifiers have been applied as indicated in the preceding table.

V. BLANKS

Objective: The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination problems resulting from laboratory and field activities. The criteria for evaluation of blanks apply to any blank associated with the samples (e.g., method blanks, instrument blanks, trip blanks, and equipment blanks). If problems exist with any blank, all associated data must be carefully evaluated to determine whether or not there is an inherent variability in the data, or if the problem is an isolated occurrence not affecting other data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts.

Method blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target compounds were present in the blanks.

Action: No qualifiers have been applied.

VI. SURROGATE SPIKES

Objective: Method performance for individual samples is demonstrated through spiking activities. All samples are spiked with surrogate compounds prior to sample preparation. The sample itself may produce effects due to such factors as interferences and high concentrations of analytes.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All surrogate recoveries were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. MATRIX SPIKES/MATRIX SPIKE DUPLICATES

Objective: Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes and matrix spike duplicates were analyzed at the appropriate frequency. All recoveries and RPD values were within control limits, with the exception of those shown in the following table. No calculation or transcription errors were observed.

Spiked Sample	Analyte	MS %Rec	MSD %Rec	Control Limits	Action	Associated Samples
BA2DC01200921-23	2,4-DDD	135	141	50-125	J/None	BA2DC01200921-23
	2,4-DDT	50 †	45	50-125	J/UJ	
	4,4-DDD	142	149	50-125	J/NONE	
	4,4-DDT	33	30	50-125	J/UJ	

† included for comparison only

Action: Qualifiers have been applied as indicated in the preceding table.

VIII. LABORATORY CONTROL SAMPLES

Objective: Data for laboratory control samples are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IX. REGIONAL QUALITY ASSURANCE AND QUALITY CONTROL

Not applicable to this SDG

X. INTERNAL STANDARDS

Objective: Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run sequence.

Evaluation: Summary forms were not provided for verification.

Action: None.

XI. TARGET COMPOUND IDENTIFICATION

Objective: Qualitative criteria for compound identification have been established to minimize the number of erroneous identifications of compounds, either false positives or false negatives.

Evaluation: Quantitation reports and chromatograms were examined to verify that all peaks were reported as either targets, surrogates, internal standards, or could not be identified as targets.

Target compound retention times were compared to the daily standard and were found to be acceptable. The mass spectra of each reported compound matched the corresponding standard spectra within the specified criteria. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XII. COMPOUND QUANTITATION AND REPORTED CRQLS

Objective: Careful evaluation is required to ensure that the reported quantitation results and contract required quantitation limits (CRQLs) for target compounds are accurate.

Evaluation: Quantitation reports, chromatograms, and sample preparation sheets were examined for all samples to verify the reported results and quantitation limits. Recalculations were performed to verify reported results. Refer to the Reporting Anomalies report for instances where CRQLs were not met.

No calculation errors or other discrepancies were found. The correct internal standards, quantitation ions, and RRFs were used for compound quantitation.

Project requested reporting limits were not met.

Action: No qualifiers have been applied.

XIII. TENTATIVELY IDENTIFIED COMPOUNDS

Not applicable to this SDG

XIV. SYSTEM PERFORMANCE

Objective: During the period following the initial instrument performance checks, changes may occur in the system that degrade the quality of the data. While this degradation would not be directly shown until the next required series of instrument performance checks, a thorough review of the ongoing data acquisition can yield indications of instrument performance.

Evaluation: No chromatographic retention time shifts, changes in resolution, or other indicators of performance degradation were observed throughout any of the analytical sequences.

Action: No qualifiers have been applied.

OVERALL DATA ASSESSMENT

Out of control events experienced by the laboratory have warranted the qualification of a minimal portion of the data set. The deficiencies described in this report are not considered cause for serious concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
PCBs

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09112234
Analysis:	SW8270-SIM - PCBs
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
BA2DC01200901	091122341	Soil	PCBs
BA2DC01200903	091122342	Soil	PCBs
BA2DC01200905	091122343	Soil	PCBs
BA2DC01200907	091122344	Soil	PCBs
BA2DC01200909-11	0911223425	Soil	PCBs
BA2DC01200913-15	0911223426	Soil	PCBs
BA2DC01200917-19	0911223427	Soil	PCBs
BA2DC01200921-23	0911223428	Soil	PCBs
BA2DC01200925-27	0911223429	Soil	PCBs
BA2DC01200929-31	0911223430	Soil	PCBs
BA2DC01200933-35	0911223431	Soil	PCBs
BA2DC01200937-39	0911223432	Soil	PCBs
BA2DC01200941-43	0911223433	Soil	PCBs
BA2DC01200945-47	0911223434	Soil	PCBs

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed PCBs in accordance with *Method SW8270-SIM*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample extraction and analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found on the analytical raw data and summary forms. Samples were received properly preserved and refrigerated. The chain of custody records were complete and in agreement with the laboratory sample lists. All technical holding times were met.

Action: No qualifiers have been applied.

II. GC/MS INSTRUMENT PERFORMANCE CHECK

Not applicable to this SDG

III. INITIAL CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for compounds on the Target Compound List (TCL). Initial calibration demonstrates that the instrument is capable of acceptable performance and of producing a linear calibration curve.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial calibrations were performed in accordance with the method. All RRFs and RSD values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IV. CONTINUING CALIBRATION

Objective: Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for target compounds at the beginning of the analytical sequence. The continuing calibration establishes the 12 hour relative

response factors on which the quantitations are based and demonstrates satisfactory performance of the instrument on a day to day basis.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Continuing calibrations were performed in accordance with the method. All RRFs and %D values were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

V. BLANKS

Objective: The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination problems resulting from laboratory and field activities. The criteria for evaluation of blanks apply to any blank associated with the samples (e.g., method blanks, instrument blanks, trip blanks, and equipment blanks). If problems exist with any blank, all associated data must be carefully evaluated to determine whether or not there is an inherent variability in the data, or if the problem is an isolated occurrence not affecting other data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts.

Method blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target compounds were present in the blanks.

Action: No qualifiers have been applied.

VI. SURROGATE SPIKES

Objective: Method performance for individual samples is demonstrated through spiking activities. All samples are spiked with surrogate compounds prior to sample preparation. The sample itself may produce effects due to such factors as interferences and high concentrations of analytes.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

All surrogate recoveries were within control limits. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VII. MATRIX SPIKES/MATRIX SPIKE DUPLICATES

Objective: Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Matrix spikes and matrix spike duplicates were analyzed at the appropriate frequency. All recoveries and RPD values were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

VIII. LABORATORY CONTROL SAMPLES

Objective: Data for laboratory control samples are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples were analyzed at the appropriate frequency. All recoveries were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

IX. REGIONAL QUALITY ASSURANCE AND QUALITY CONTROL

Not applicable to this SDG

X. INTERNAL STANDARDS

Objective: Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run sequence.

Evaluation: Summary forms were not provided for verification.

Action: None.

XI. TARGET COMPOUND IDENTIFICATION

Objective: Qualitative criteria for compound identification have been established to minimize the number of erroneous identifications of compounds, either false positives or false negatives.

Evaluation: Quantitation reports and chromatograms were examined to verify that all peaks were reported as either targets, surrogates, internal standards, or could not be identified as targets.

Target compound retention times were compared to the daily standard and were found to be acceptable. The mass spectra of each reported compound matched the corresponding standard spectra within the specified criteria. No calculation or transcription errors were observed.

Action: No qualifiers have been applied.

XII. Compound Quantitation and Reported CRQLs

Objective: Careful evaluation is required to ensure that the reported quantitation results and contract required quantitation limits (CRQLs) for target compounds are accurate.

Evaluation: Quantitation reports, chromatograms, and sample preparation sheets were examined for all samples to verify the reported results and quantitation limits. Recalculations were performed to verify reported results.

No calculation errors or other discrepancies were found. The correct internal standards, quantitation ions, and RRFs were used for compound quantitation.

Project requested reporting limits were not met.

Action: No qualifiers have been applied.

XIII. Tentatively Identified Compounds

Not applicable to this SDG

XIV. System Performance

Objective: During the period following the initial instrument performance checks, changes may occur in the system that degrade the quality of the data. While this degradation would not be directly shown until the next required series of instrument performance checks, a thorough review of the ongoing data acquisition can yield indications of instrument performance.

Evaluation: No chromatographic retention time shifts, changes in resolution, or other indicators of performance degradation were observed throughout any of the analytical sequences.

Action: No qualifiers have been applied.

Overall Data Assessment

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
Total Organic Carbon

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09112234
Analysis:	SW9060 - TOC
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
BA2DC01200901	091122341	Soil	Total Organic Carbon - TOC
BA2DC01200903	091122342	Soil	Total Organic Carbon - TOC
BA2DC01200905	091122343	Soil	Total Organic Carbon - TOC
BA2DC01200907	091122344	Soil	Total Organic Carbon - TOC
BA2DC01200909-11	0911223425	Soil	Total Organic Carbon - TOC
BA2DC01200913-15	0911223426	Soil	Total Organic Carbon - TOC
BA2DC01200917-19	0911223427	Soil	Total Organic Carbon - TOC
BA2DC01200921-23	0911223428	Soil	Total Organic Carbon - TOC
BA2DC01200925-27	0911223429	Soil	Total Organic Carbon - TOC
BA2DC01200929-31	0911223430	Soil	Total Organic Carbon - TOC
BA2DC01200933-35	0911223431	Soil	Total Organic Carbon - TOC
BA2DC01200937-39	0911223432	Soil	Total Organic Carbon - TOC
BA2DC01200941-43	0911223433	Soil	Total Organic Carbon - TOC
BA2DC01200945-47	0911223434	Soil	Total Organic Carbon - TOC

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed for total organic carbon in accordance with *USEPA Method SW9060*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found in the laboratory digestion logs and instrument run logs. The chain of custody records were complete and in agreement with the laboratory sample lists. Technical holding times were met for all analyses.

Action: No qualifiers have been applied.

II. CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical sequence, and continuing calibration verification confirms that the initial calibration is valid throughout the analytical run sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Initial and continuing calibration verification standards were analyzed at the proper frequency in all analytical run sequences, and recoveries were within the required limits. Correlation coefficients for multipoint calibration curves were greater than 0.995 in all cases. No calculation or transcription errors were observed.

It was noted that the calibration curve verification was done using a linear regression, which was determined to be within project acceptance limits but did not match the curve provided by the laboratory. The difference in the correlation coefficients appears to be due to the fact that the laboratory is forcing the curve to the origin along with being weighted. In addition, the sample calculations were determined using response factors (RF) as indicated in the laboratory's SOP.

Action: No qualifiers have been applied.

III. BLANKS

***Objective*:** The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination resulting from laboratory and field activities. The criteria for evaluation of blanks applies to any blank associated with the samples including method blanks, instrument blanks, and equipment blanks. If problems exist with any blank, careful evaluation is required to determine the potential impact on all associated data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts.

Method and instrument blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. No target analytes were present in the blanks.

Action: No qualifiers have been applied.

IV. LABORATORY CONTROL SAMPLES (LCS)

Objective: The laboratory control sample measures the overall performance of the analytical process, including sample preparation.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

Laboratory control samples and duplicates were analyzed at the appropriate frequency. All recoveries and RPD values were within control limits, and no calculation or transcription errors were observed.

Action: No qualifiers have been applied.

V. DUPLICATE SAMPLE ANALYSIS

Objective: Duplicate analyses are performed in order to assess laboratory precision for each sample matrix.

Evaluation: Sample duplicates were performed on a sample from another SDG and thus were not evaluated.

Action: None.

VI. MATRIX SPIKE SAMPLE ANALYSIS

Objective: Matrix spike sample analyses are performed in order to assess method performance for each sample matrix.

Evaluation: Matrix spikes were performed on a sample from another SDG and thus were not evaluated.

Action: None.

VII. Sample Result Verification

Objective: Careful evaluation is required to ensure that the reported results and contract required detection limits (CRDLs) for target analytes are accurate.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

No errors in transcriptions or data reduction were found. All reported results were within the appropriate calibration ranges.

Action: No qualifiers have been applied.

VIII. Field Duplicates

No field duplicates were identified in this SDG.

IX. Field Blanks

No field blanks were identified in this SDG.

Overall Data Assessment

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

DATA VALIDATION REPORT
Moisture

Project Name:	Palos Verdes Shelf - Sediment
Contractor:	Innovative Technical Solutions, Inc.
Laboratory:	Calscience Environmental Laboratories, Inc.
Sample Delivery Group:	09112234
Analysis:	D2216 - Moisture
Review Guideline Source Document:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 2008 Revision
EPA QC Level:	Level IV

Field ID	Laboratory ID	Matrix	Analysis
BA2DC01200901	091122341	Soil	Moisture
BA2DC01200903	091122342	Soil	Moisture
BA2DC01200905	091122343	Soil	Moisture
BA2DC01200907	091122344	Soil	Moisture
BA2DC01200909-11	0911223425	Soil	Moisture
BA2DC01200913-15	0911223426	Soil	Moisture
BA2DC01200917-19	0911223427	Soil	Moisture
BA2DC01200921-23	0911223428	Soil	Moisture
BA2DC01200925-27	0911223429	Soil	Moisture
BA2DC01200929-31	0911223430	Soil	Moisture
BA2DC01200933-35	0911223431	Soil	Moisture
BA2DC01200937-39	0911223432	Soil	Moisture
BA2DC01200941-43	0911223433	Soil	Moisture
BA2DC01200945-47	0911223434	Soil	Moisture

INTRODUCTION

This validation report assesses the analytical data quality of the samples listed in the preceding table. Samples were analyzed moisture in accordance with *Method D2216*. The review criteria employed in the generation of this report is based on the QC requirements contained in the analytical method and the *Quality Assurance Project Plan (QAPP), November 2009*; the review procedure is consistent with *USEPA CLP National Functional Guidelines for Organic Data Review,* 2008 Revision to the extent possible. In cases where two qualifiers are listed as an action, such as "J/UJ", the first qualifier applies to positive results, and the second to non-detect results. In areas where definitive guidance is not provided in either *Functional Guidelines* or the *QAPP*, data has been evaluated in a conservative manner using professional judgment.

I. HOLDING TIMES

Objective: The validity of results is ascertained based on the holding time of the sample from time of collection to time of sample analysis.

Evaluation: Holding times were determined by comparing the sampling date on the chain of custody records with the dates of analysis found in the laboratory digestion logs and instrument run logs. The chain of custody records were complete and in agreement with the laboratory sample lists. Technical holding times were met for all analyses.

Action: No qualifiers have been applied.

II. CALIBRATION

Objective: Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical sequence.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria.

Action: No qualifiers have been applied.

III. BLANKS

***Objective*:** The purpose of laboratory and field blanks is to determine the existence and magnitude of contamination resulting from laboratory and field activities. The criteria for evaluation of blanks applies to any blank associated with the samples including method blanks, instrument blanks, and equipment blanks. If problems exist with any blank, careful evaluation is required to determine the potential impact on all associated data.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts.

Method and instrument blank analyses were performed appropriately for this SDG. Summary forms and corresponding raw data were reviewed for all blanks. Reportable concentrations of the target analytes were not observed in any of the blanks.

Action: No qualifiers have been applied.

IV. Duplicate Sample Analysis

Objective: Duplicate analyses are performed in order to assess laboratory precision for each sample matrix.

Evaluation: Laboratory duplicates were not performed for this SDG.

Action: None.

V. Sample Result Verification

Objective: Careful evaluation is required to ensure that reported results and contract required detection limits (CRDLs) for target analytes are accurate.

Evaluation: Reported results were evaluated to determine compliance with the required acceptance criteria. Summary forms were compared to instrument printouts, and recalculations were performed to verify the reported results.

No errors in transcriptions or data reduction were found. All reported results were within the appropriate calibration ranges.

Action: No qualifiers have been applied.

Overall Data Assessment

Out of control events experienced by the laboratory have not warranted the qualification of any results in this data set. The deficiencies described in this report are not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes. Based on the information evaluated, the overall quality of the data appears to be good.

GC/MS VALIDATION WORKSHEET
EPA Level 4

SDG #: 09112234
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: BNASIM

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	BA2DC01200901	091122341	SO	N	11	BA2DC01200933-35	0911223431	SO	N
2	BA2DC01200903	091122342	SO	N	12	BA2DC01200937-39	0911223432	SO	N
3	BA2DC01200905	091122343	SO	N	13	BA2DC01200941-43	0911223433	SO	N
4	BA2DC01200907	091122344	SO	N	14	BA2DC01200945-47	0911223434	SO	N
5	BA2DC01200909-11	0911223425	SO	N	15				
6	BA2DC01200913-15	0911223426	SO	N	16				
7	BA2DC01200917-19	0911223427	SO	N	17				
8	BA2DC01200921-23	0911223428	SO	N	18				
9	BA2DC01200925-27	0911223429	SO	N	19				
10	BA2DC01200929-31	0911223430	SO	N	20				

† N = Normal Environmental Sample EB = Equipment Blank AB = Ambient Blank
TB = Trip Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Technical Holding Times/Sample Receipt	A	
II.	Instrument Performance	N	
III.	Initial Calibration	A	
IV.	Continuing Calibration	SW	
V.	Blanks	A	
VI.	Surrogate Spikes	A	
VII.	Matrix Spikes/Matrix Spike Duplicates	SW	
VIII.	Laboratory Control Samples	A	
IX.	Internal Standards	N	
X.	Target Compound Identification	A	
XI.	Compound Quantitation and Reported CRQLs	SW	Compounds did not meet the project RLs.
XII.	System Performance	N	

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level 4

SDG #: 09112234
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: BNASIM

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
BA2DC01200901	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200903	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200905	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200907	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200909-11	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200913-15	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200917-19	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200921-23	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200925-27	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200929-31	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/24/09	40 days	1/11/10	0
BA2DC01200933-35	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200937-39	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200941-43	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0
BA2DC01200945-47	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/23/09	40 days	1/11/10	0

Comments:

GC/MS VALIDATION WORKSHEET
INITIAL CALIBRATION
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all standards analyzed at the appropriate concentrations?	**Yes**
Were all samples associated with an acceptable initial calibration?	**Yes**
Were all RRF values met?	**NA**
Were all %RSD values </= 20.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %RSDs?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Compound	%RSD/RRF	Criteria	Action	Associated Samples

CALCULATIONS

RRF Standard ID:	12-10-09 50ppb	Calibration ID:	12/10/2009
Compound ID:	4,4-DDD	Compound ID:	4,4-DDT
Reported Result:	0.854	%RSD:	14.5

RRF = Compound Area X I.S. Conc. / I.S. Area X Compound Conc.

%RSD = Standard Deviation / Average RRF X 100

Compound Area =	5855
I.S. Area =	685533
Compound Conc. =	50.0
I.S. Conc. =	5000.0

RF Level 1 =	0.4680
RF Level 2 =	0.4990
RF Level 3 =	0.5910
RF Level 4 =	0.6550
RF Level 5 =	0.6360

RRF = 0.854 Matches

Standard Deviation =	0.083	
Average RRF =	0.570	Matches
%RSD =	14.5	Matches

Comments:

GC/MS VALIDATION WORKSHEET
CONTINUING CALIBRATION
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	BNASIM		

Were all samples associated with an acceptable continuing calibration?	**Yes**
Were all RRF values >/= 0.05?	**NA**
Were all %D values </= 20.0?	**No**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %Ds?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Compound	RRF/%D	Criteria	Action	Associated Samples
12/22/09	4,4-DDT	21.4	<=20	J/None	BA2DC01200901
					BA2DC01200903
					BA2DC01200905
					BA2DC01200907
					BA2DC01200909-11
					BA2DC01200913-15
					BA2DC01200917-19
					BA2DC01200921-23
					BA2DC01200925-27

CALCULATIONS

RRF Standard ID:	12-22-09 16:56 1000 ppb	Calibration ID:	12/23/2009
Compound ID:	4,4-DDT	Compound ID:	4,4-DDD
Reported Result:	0.692	%RSD:	4.9

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%D = \frac{\text{Average RRF - CCV RRF}}{\text{Average RRF}} \text{ X } 100$$

Compound Area =	97550	Average RRF =	0.856
I.S. Area =	704914	CCV RRF =	0.814
Compound Conc. =	1000.0		
I.S. Conc. =	5000.0	%D =	4.9 Matches
RRF =	0.692 Matches	%D Indicating Bias =	-4.9

Comments:

GC/MS VALIDATION WORKSHEET
BLANKS
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	BNASIM		

Was a blank analyzed for each extraction batch?	**Yes**
Was a storage blank analyzed on each day of analysis?	**Yes**
(SVOA) Was a blank analyzed for each GC/MS system?	**Yes**
(VOA) Was a blank analyzed for each 12 hour period?	**NA**
Were all field blanks analyzed appropriately?	**NA**
(VOA) Were all trip blanks analyzed appropriately	**NA**
Were all blanks free of contamination at or above the MDL/CRQL?	**Yes**

Record any contaminants (target or non-target) which were detected in the blanks.

Blank	Compound	Conc. (ug/L)	CRQL (ug/L)	Action Level	Action	Associated Samples

Action
Level = 10 X Blank concentration (common contaminants-methylene chloride, acetone, 2-butanone, phthalates)
5 X Blank concentration (all other TCL compounds)

Comments:

GC/MS VALIDATION WORKSHEET
SURROGATE SPIKES/SYSTEM MONITORING COMPOUNDS - WATER SAMPLES
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were all surrogate recoveries within the specified criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**

List any samples which did not have acceptable surrogate recoveries.

Sample ID	Surrogate	%Rec.	Control Limits	Action

Any non-detect result associated with a surrogate recovery below 10% should be rejected.

CALCULATIONS

Sample ID: BA2DC01200901
Compound ID: 2,4,5,6-Tetrachloro-m-Xylene
Reported Result: 103

$$\% \text{ Recovery} = \frac{\text{Conc. Surr. In Sample}}{\text{Conc. Surr. Spiked}} \times 100$$

Conc. In Sample = 1030.8
Surr. Spike Conc. = 1000.0

% Recovery = 103 Matches

Comments:

GC/MS VALIDATION WORKSHEET - MATRIX SPIKES/DUPLICATES
EPA Level 4

SDG #: 09112234
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: BNASIM
Matrix:

Were MS/MSD samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **No**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

Spiked Sample ID	Compound Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action
BA2DC01200921-23	2,4-DDD	135	141	50-125			BA2DC01200921-23	J/None
	2,4-DDT	†50	45	50-125			BA2DC01200921-23	J/UJ
	4,4-DDD	142	149	50-125			BA2DC01200921-23	J/NONE
	4,4-DDT	33	30	50-125			BA2DC01200921-23	J/UJ

CALCULATIONS

Sample ID: BA2DC01200921-23
Compound ID: 4,4-DDE
Recovery: 92

$$\% \text{ Recovery} = \frac{\text{Conc. MS - Conc. Unspiked Sample}}{\text{MS Spike Conc.}} \times 100$$

Conc. MS = 2679
Unspiked Samp. = 1758
MS Spike Conc. = 1000

% Recovery = 92 Matches

Sample ID: BA2DC01200921-23
Compound ID: 4,4-DDT
RPD: 9

$$\text{RPD} = \frac{|\text{MS Conc. - MSD Conc.}|}{(\text{MS Conc. + MSD Conc.})/2} \times 100$$

MS Conc. = 333.3
MSD Conc. = 303.5

RPD = 9 Matches

Comments: †Used as a comparison

GC/MS VALIDATION WORKSHEET
LABORATORY CONTROL SAMPLES
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were laboratory control samples analyzed at the proper frequency?	**Yes**
Were all spike recoveries and RPD values within the established criteria?	**Yes**
Were recalculations performed on a representative sample of the results?	**Yes**

If no, list outliers below.

LCS ID	Compound Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action

† LCSD is not required; however, it may be provided in some instances

CALCULATIONS

Sample ID:	099-13-013-28	Sample ID:	099-13-013-28
Compound ID:	4,4-DDE	Compound ID:	2,4-DDD
Recovery:	97	RPD:	2

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{LCS Conc.} - \text{LCSD Conc.}|}{(\text{LCS Conc.} + \text{LCSD Conc.})/2} \times 100$$

Conc. LCS =	973.9	LCS Conc. =	961
LCS Spike Conc. =	1000.0	LCSD Conc. =	944
% Recovery =	97 Matches	RPD =	2 Matches

Comments:

GC/MS VALIDATION WORKSHEET
INTERNAL STANDARDS
EPA Level 4

SDG #: 09112234
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: BNASIM

Were all internal standard values within +/- 50% of the calibration standard? **NA**
Were all internal standard RTs within +/- 30 seconds of the calibration standard? **NA**
Did the raw data agree with the summary report? **NA**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Sample	Internal Standard	Area Counts %	Control Limits	Action
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	

BCM:	Bromochloromethane	DCB:	1,4-Dichlorobenzene-d4	PHN:	Phenanthrene-d10
DFB:	1,4-Difluorobenzene	NPT:	Naphthalene-d8	CRY:	Chrysene-d12
CBZ:	Chlorobenzene-d5	ANT:	Acenaphthene-d10	PRY:	Perylene-d12

Comments:

GC/MS VALIDATION WORKSHEET
TARGET COMPOUND QUANTITATION
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: BNASIM

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**Yes**
Were all positive hits verified by acceptable mass spectra?	**Yes**
Were all retention times within 0.06 RRT units of the daily standard?	**NA**

CALCULATIONS

Sample ID: BA2DC01200901
Compound ID: 4,4-DDE
Reported Result: 86

$$\text{Conc. In Sample} = \frac{\text{Area Cmpd. In Sample}}{\text{Area of I.S.}} \times \frac{\text{Conc. of I.S.}}{\text{Average RRF}} \times \frac{\text{Final Volume}}{\text{Initial Amount}} \times \text{Dilution Factor}$$

		Units
Area Sample =	44655	Area
Area I.S. =	718875	Area
Conc. I.S. =	5000	
Average RRF =	0.507	NA
Final Volume =	2.0	mL
Initial Amount =	20.0	
Dilution Factor =	1.0	NA

Conc. In Sample = 61.3
Moisture Corrected = 86 Matches 29.1 % Moist

Comments - Compounds did not meet the project RLs.

GC/MS VALIDATION WORKSHEET
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	BA2DC01200901	091122341	SO	N	11	BA2DC01200933-35	0911223431	SO	N
2	BA2DC01200903	091122342	SO	N	12	BA2DC01200937-39	0911223432	SO	N
3	BA2DC01200905	091122343	SO	N	13	BA2DC01200941-43	0911223433	SO	N
4	BA2DC01200907	091122344	SO	N	14	BA2DC01200945-47	0911223434	SO	N
5	BA2DC01200909-11	0911223425	SO	N	15				
6	BA2DC01200913-15	0911223426	SO	N	16				
7	BA2DC01200917-19	0911223427	SO	N	17				
8	BA2DC01200921-23	0911223428	SO	N	18				
9	BA2DC01200925-27	0911223429	SO	N	19				
#	BA2DC01200929-31	0911223430	SO	N	20				

† N = Normal Environmental Sample EB = Equipment Blank AB = Ambient Blank
TB = Trip Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Technical Holding Times/Sample Receipt	A	
II.	Instrument Performance	N	
III.	Initial Calibration	A	
IV.	Continuing Calibration	A	
V.	Blanks	A	
VI.	Surrogate Spikes	A	
VII.	Matrix Spikes/Matrix Spike Duplicates	A	
VIII.	Laboratory Control Samples	A	
IX.	Internal Standards	N	
X.	Target Compound Identification	A	
XI.	Compound Quantitation and Reported CRQLs	SW	Compounds did not meet the project RLs.
XII.	System Performance	N	

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

GC/MS VALIDATION WORKSHEET
SAMPLE RECEIPT AND HOLDING TIMES
EPA Level 4

SDG #: 09112234
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment
Method: PCBSIM

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Extracted**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
BA2DC01200901	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/18/09	40 days	1/11/10	0
BA2DC01200903	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/18/09	40 days	1/11/10	0
BA2DC01200905	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/18/09	40 days	1/11/10	0
BA2DC01200907	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/18/09	40 days	1/11/10	0
BA2DC01200909-11	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/18/09	40 days	1/11/10	0
BA2DC01200913-15	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/19/09	40 days	1/11/10	0
BA2DC01200917-19	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/19/09	40 days	1/11/10	0
BA2DC01200921-23	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/19/09	40 days	1/11/10	0
BA2DC01200925-27	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/19/09	40 days	1/11/10	0
BA2DC01200929-31	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/19/09	40 days	1/11/10	0
BA2DC01200933-35	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/19/09	40 days	1/11/10	0
BA2DC01200937-39	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/19/09	40 days	1/11/10	0
BA2DC01200941-43	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/19/09	40 days	1/11/10	0
BA2DC01200945-47	11/20/09	11/30/09	Y	Yes	12/2/09	360 days	11/15/10	0	12/19/09	40 days	1/11/10	0

Comments:

GC/MS VALIDATION WORKSHEET
INITIAL CALIBRATION
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all standards analyzed at the appropriate concentrations?	**Yes**
Were all samples associated with an acceptable initial calibration?	**Yes**
Were all RRF values met?	**NA**
Were all %RSD values </= 20.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %RSDs?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Compound	%RSD/RRF	Criteria	Action	Associated Samples

CALCULATIONS

RRF Standard ID:	12-17-09 50 ppb	Calibration ID:	12/17/2009
Compound ID:	PCB008	Compound ID:	PCB180
Reported Result:	0.815	%RSD:	4.06

RRF = Compound Area X I.S. Conc. / I.S. Area X Compound Conc.

%RSD = Standard Deviation / Average RRF X 100

Compound Area =	4646
I.S. Area =	570087
Compound Conc. =	50.0
I.S. Conc. =	5000.0
RRF =	0.815
	Matches

RF Level 1 =	0.4970	
RF Level 2 =	0.5470	
RF Level 3 =	0.5390	
RF Level 4 =	0.5310	
RF Level 5 =	0.5520	
Standard Deviation =	0.022	
Average RRF =	0.533	Matches
%RSD =	4.1	Matches

Comments:

GC/MS VALIDATION WORKSHEET
CONTINUING CALIBRATION
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS
Method:	PCBSIM		

Were all samples associated with an acceptable continuing calibration?	**Yes**
Were all RRF values >/= 0.05?	**NA**
Were all %D values </= 30.0?	**Yes**
Were recalculations performed on a representative sample of the RRFs?	**Yes**
Were recalculations performed on a representative sample of the %Ds?	**Yes**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Compound	RRF/%D	Criteria	Action	Associated Samples
			<=30		

CALCULATIONS

RRF Standard ID:	12/18/2009	Calibration ID:	12/18/2009
Compound ID:	PCB008	Compound ID:	PCB209
Reported Result:	0.819	%RSD:	13.7

$$RRF = \frac{\text{Compound Area X I.S. Conc.}}{\text{I.S. Area X Compound Conc.}}$$

$$\%D = \frac{\text{Average RRF - CCV RRF}}{\text{Average RRF}} \text{ X } 100$$

Compound Area =	265091	Average RRF =	0.205
I.S. Area =	809132	CCV RRF =	0.177
Compound Conc. =	2000.0		
I.S. Conc. =	5000.0	%D =	13.7 Matches
RRF =	0.819 Matches	%D Indicating Bias =	-13.7

Comments:

GC/MS VALIDATION WORKSHEET
BLANKS
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Was a blank analyzed for each extraction batch?	**Yes**
Was a storage blank analyzed on each day of analysis?	**Yes**
(SVOA) Was a blank analyzed for each GC/MS system?	**Yes**
(VOA) Was a blank analyzed for each 12 hour period?	**NA**
Were all field blanks analyzed appropriately?	**NA**
(VOA) Were all trip blanks analyzed appropriately	**NA**
Were all blanks free of contamination at or above the MDL/CRQL?	**Yes**

Record any contaminants (target or non-target) which were detected in the blanks.

Blank	Compound	Conc. (ug/L)	CRQL (ug/L)	Action Level	Action	Associated Samples

Action
Level = 10 X Blank concentration (common contaminants-methylene chloride, acetone, 2-butanone, phthalates)
5 X Blank concentration (all other TCL compounds)

Comments:

GC/MS VALIDATION WORKSHEET
SURROGATE SPIKES/SYSTEM MONITORING COMPOUNDS - WATER SAMPLES
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all surrogate recoveries within the specified criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**

List any samples which did not have acceptable surrogate recoveries.

Sample ID	Surrogate	%Rec.	Control Limits	Action

Any non-detect result associated with a surrogate recovery below 10% should be rejected.

CALCULATIONS

Sample ID: BA2DC01200901
Compound ID: 2,4,5,6-Tetrachloro-m-Xylene
Reported Result: 100

$$\% \text{ Recovery} = \frac{\text{Conc. Surr. In Sample}}{\text{Conc. Surr. Spiked}} \times 100$$

Conc. In Sample = 1002.0
Surr. Spike Conc. = 1000.0

% Recovery = 100 Matches

Comments:

GC/MS VALIDATION WORKSHEET - MATRIX SPIKES/DUPLICATES
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM
Matrix: Sediment

Were MS/MSD samples analyzed at the proper frequency?	**Yes**
Were all spike recoveries and RPD values within the established criteria?	**Yes**
Were recalculations performed on a representative sample of the results?	**Yes**
If no, list outliers below.	

Spiked Sample ID	Compound Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action
				50-125				

CALCULATIONS

Sample ID: BA2DC01200945-47
Compound ID: PCB008
Recovery: 87

Sample ID: BA2DC01200945-47
Compound ID: PCB209
RPD: 5

$$\% \text{ Recovery} = \frac{\text{Conc. MS - Conc. Unspiked Sample}}{\text{MS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{MS Conc. - MSD Conc.}|}{(\text{MS Conc. + MSD Conc.})/2} \times 100$$

Conc. MS = 870
Unspiked Samp. = 0
MS Spike Conc. = 1000

% Recovery = 87 Matches

MS Conc. = 691.1
MSD Conc. = 723.0

RPD = 5 Matches

Comments:

GC/MS VALIDATION WORKSHEET
LABORATORY CONTROL SAMPLES
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were laboratory control samples analyzed at the proper frequency? **Yes**
Were all spike recoveries and RPD values within the established criteria? **Yes**
Were recalculations performed on a representative sample of the results? **Yes**
If no, list outliers below.

LCS ID	Compound Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	RPD	RPD Criteria	Associated Samples	Action

† LCSD is not required; however, it may be provided in some instances

CALCULATIONS

Sample ID:	099-13-017-63	Sample ID:	099-13-017-63
Compound ID:	PCB008	Compound ID:	PCB018
Recovery:	93	RPD:	2

$$\% \text{ Recovery} = \frac{\text{Conc. LCS}}{\text{LCS Spike Conc.}} \times 100$$

$$\text{RPD} = \frac{|\text{LCS Conc.} - \text{LCSD Conc.}|}{(\text{LCS Conc.} + \text{LCSD Conc.})/2} \times 100$$

Conc. LCS = 931.4
LCS Spike Conc. = 1000.0

LCS Conc. = 910
LCSD Conc. = 894

% Recovery = 93 Matches

RPD = 2 Matches

Comments:

GC/MS VALIDATION WORKSHEET
INTERNAL STANDARDS
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were all internal standard values within +/- 50% of the calibration standard?	**NA**
Were all internal standard RTs within +/- 30 seconds of the calibration standard?	**NA**
Did the raw data agree with the summary report?	**NA**

List any samples which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Sample	Internal Standard	Area Counts %	Control Limits	Action
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	
			50-200%	

BCM:	Bromochloromethane	DCB:	1,4-Dichlorobenzene-d4	PHN:	Phenanthrene-d10
DFB:	1,4-Difluorobenzene	NPT:	Naphthalene-d8	CRY:	Chrysene-d12
CBZ:	Chlorobenzene-d5	ANT:	Acenaphthene-d10	PRY:	Perylene-d12

Comments:

GC/MS VALIDATION WORKSHEET
TARGET COMPOUND QUANTITATION
EPA Level 4

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: PCBSIM

Were recalculations performed on at least 10% of positive results?	**Yes**
Did all raw data agree with the final reported results?	**Yes**
Were all positive hits verified by acceptable mass spectra?	**Yes**
Were all retention times within 0.06 RRT units of the daily standard?	**NA**

CALCULATIONS

Sample ID: BA2DC01200925-27
Compound ID: PCB138/158
Reported Result: **5.1**

$$\text{Conc. In Sample} = \frac{\text{Area Cmpd. In Sample}}{\text{Area of I.S.}} \times \frac{\text{Conc. of I.S.}}{\text{Average RRF}} \times \frac{\text{Final Volume}}{\text{Initial Amount}} \times \text{Dilution Factor}$$

		Units
Area Sample =	4252	Area
Area I.S. =	836358	Area
Conc. I.S. =	5000	
Average RRF =	0.651	NA
Final Volume =	2.0	mL
Initial Amount =	20.1	
Dilution Factor =	1.0	NA

Conc. In Sample =	3.9		
Moisture Corrected =	5.1	Matches	24 % Moist

Comments - Compounds did not meet the project RLs.

Level 4

SDG #: 09112234
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

List all validated samples below, including matrix spikes and duplicates.

	Field ID	Laboratory ID	Matrix	Type †		Field ID	Laboratory ID	Matrix	Type †
1	BA2DC01200901	091122341	Soil	N	11	BA2DC01200933-35	0911223431	Soil	N
2	BA2DC01200903	091122342	Soil	N	12	BA2DC01200937-39	0911223432	Soil	N
3	BA2DC01200905	091122343	Soil	N	13	BA2DC01200941-43	0911223433	Soil	N
4	BA2DC01200907	091122344	Soil	N	14	BA2DC01200945-47	0911223434	Soil	N
5	BA2DC01200909-11	0911223425	Soil	N	15				
6	BA2DC01200913-15	0911223426	Soil	N	16				
7	BA2DC01200917-19	0911223427	Soil	N	17				
8	BA2DC01200921-23	0911223428	Soil	N	18				
9	BA2DC01200925-27	0911223429	Soil	N	19				
10	BA2DC01200929-31	0911223430	Soil	N	20				

† N = Normal Environmental Sample FB = Field Blank FD = Field Duplicate

The samples identified above were evaluated for each of the following validation requirements. Validation findings are noted in the associated worksheets.

No.	Validation Requirements	Note ‡	Comments
I.	Sample Preservation/Handling/Holding Times	A	
II.	Calibration	A	
III.	Blanks	A	
IV.	Laboratory Control Samples (LCS)	A	
V.	Duplicate Sample	N	NON-SDG
VI.	Matrix Spikes (MS)	N	NON-SDG
VII.	Sample Result Verification	A	
VIII.	Overall Assessment of Data	A	
IX.	Field Duplicate	N	
X.	Field Blanks	N	
XI.			

‡ A = Acceptable N = Not provided/applicable SW = See worksheet

Comments:

Level 4

SDG #: 09112234
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

Were all technical holding times met? **Yes**
Were all method holding times met? **Yes**
Were all samples received in good condition? **Yes**
If No, describe in Comment section.

					Extraction				Analysis			
Field ID	**Date Sampled**	**Date Received**	**Pres Y/N**	**Temp OK?**	**Date Digested**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**	**Date Analyzed**	**Applicable Hold**	**Last Day of Hold**	**Days Out of Hold**
BA2DC01200901	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200903	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200905	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200907	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200909-11	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200913-15	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200917-19	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200921-23	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200925-27	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200929-31	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200933-35	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200937-39	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200941-43	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0
BA2DC01200945-47	11/20/09	11/30/09	Y	OK	NA	NA			12/5/09	180 days	5/19/10	0

Comments: The date of moisture was used as it has the lowest hold time days of 6 months. The TOC analysis has 1 year and was analyzed on 12-31-09.

Level 4
Initial Calibration

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Were all standards analyzed at appropriate concentrations?	**Yes**
Were instruments calibrated daily?	**Yes**
Were instruments calibrated each time instruments were set up?	**Yes**
Were ICV % Recoveries within limits or correlation coefficient values >/= 0.995?	**Yes**
Were recalculations performed on a representative sample of correlation coefficients?	**NA**

List any standards which did not meet the specified criteria below, and describe reasons for qualification in Comment section.

Date	Analyte	%Rec./Corr. Coef.	Criteria	Action	Associated Samples

Calculation if Response = x and Conc. = y:

Standard ID: TOC 5 9-18-2009
Analyte: TOC

Reported Y-Intercept: 0
Reported Slope: 0
R2 0.9979

Conc. (y) = Slope (m) * Response (x) + Y-Intercept (b)

	(x) Response	(y) Conc.
Level 1 =	0	0
Level 2 =	3243	0.9
Level 3 =	18740.5	6
Level 4 =	47458.5	15
Level 5 =	89797	30

Y-Intercept = -0.233
Slope = 0.0003
r2 = 0.9992 Close Match
r = 0.9996

Comments: it is noted that the laboratory appears to force through the origin with a weighted curve.

Level 4
Continuing Calibration

SDG #: 09112234
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method: SW9060/D2216

Were all samples associated with an acceptable continuing calibration? **Yes**
Were CCV %Recoveries within limits or %D values </= 20% ? **Yes**
Were recalculations performed on a representative sample of the %Ds/Rec.s? **Yes**

List any standards which did not meet the specified criteria below, and describe reasons for qualification in Comment section. **Include +/- notation to denote bias of %D outliers.**

Date	Analyte	%D/%Rec.	Criteria	Action	Associated Samples

CCV Standard ID: 12/31/2009 16:32
Analyte ID: TOC
CCV % Rec.: 105

True CCV Conc. = 6
Found CCV Conc. = 6.31

Calculated % Recovery = 105 Matches

Comments:

Level 4
Blanks - Final Findings

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 2
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Was a blank analyzed for each preparation batch?	**Yes**
Were all field blanks analyzed appropriately?	**NA**
Were all blanks free of contamination at or above the IDL?	**Yes**

Record any contaminants (target or non-target) with an absolute value >IDL which were detected in the blanks. These values indicate the highest concentration found in any blank on the PB/ICB/CCB worksheet.
Be sure to check the units and indicate bias +/-

Blank ID/ Date	Blank Type	Analyte	Conc. (mg/Kg)	CRQL (mg/Kg)	Action Level	Action	Associated Samples

Action Level = 5 X Blank concentration

Comments:

Level 4
Laboratory Control Sample

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216
Matrix: Soil

Were laboratory control samples analyzed at the proper frequency?	**Yes**
Were all spike recoveries within the established criteria?	**Yes**
Was at least one recovery recalculated from the raw data?	**NA**
If no, list outliers below.	

LCS ID	Analyte Out of Limits	% Rec. (LCS)	% Rec. (LCSD)	Rec. Criteria	Action	Associated Samples

CALCULATIONS

LCS ID:	12/31/2009 16:51	LCS/LCSD ID:	12/31/2009
Analyte ID:	TOC	Analyte ID:	TOC
Recovery:	106		

% Recovery = Conc. LCS / LCS Spike Conc. X 100

RPD = |LCS Conc. - LCSD Conc.| / (LCS Conc. + LCSD Conc.)/2 X 100

Conc. LCS = 6.38
LCS Spike Conc. = 6.0

LCS Conc. = 6.4
LCSD Conc. = 6.4

% Recovery = 106 Matches

RPD = 0.0

Comments:

Level 4
Duplicate/Field Duplicate

SDG #: 09112234
Lab: Calscience Environmental Laboratories, Inc.
Client: EPA PV Shelf Sediment

Date: 2/24/10
Page: 1 of 1
Validated by: EM
Second Review by: LS

Method SW9060/D2216
Matrix: Soil

Was a duplicate sample analyzed at the proper frequency per matrix? **No**
Were all RPD values within the established criteria? **NA**
Was at least one RPD recalculated from the raw data? **NA**
If no, list outliers below.

Sample ID	Analyte Out of Limits	Sample Result	Duplicate Result	RPD	RPD Criteria	Action	Associated Samples

Comments: *Note difference in verification report.

Level 4
Matrix Spike

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216
Matrix: Soil

Were MS/MSD samples analyzed at the proper frequency per matrix?	**No**
Were all spike recoveries and RPD values within the established criteria?	**NA**
Was at least one recovery recalculated from the raw data?	**NA**

List outliers below.

Spiked Sample ID	Analyte Out of Limits	% Rec. (MS)	% Rec. (MSD)	Rec. Criteria	Action	Associated Samples

Comments:
Matrix spike sample from another SDG.

Level 4
Sample Result Verification

SDG #:	09112234	Date:	2/24/10
Lab:	Calscience Environmental Laboratories, Inc.	Page:	1 of 1
Client:	EPA PV Shelf Sediment	Validated by:	EM
		Second Review by:	LS

Method: SW9060/D2216

Were recalculations performed on at least 10% of positive results?	**NA**
Did all raw data agree with the final reported results?	**NA**
Are results within calibration range?	**Yes**
Are all detection limits below CRDL?	**Yes**

Sample ID: BA2DC01200901
Compound ID: TOC
Reported Result: 0.69 PERCENT First replicate used for calculation

Conc. In Sample = Area of sample * (Ave RF/1000) / 1000 ug to mg / Sample Weight in mg * 100 for percent
Divide by Solids

		Units
Area Sample =	3025	Area
Ave RF	325.93	cts
Sample Weight =	200.0	mg
% Solids =	70.9	%

Conc. In Sample =	0.49	Percent	
Dry Weight Corrected =	0.695	Percent	**Close Match**

Comments - Describe any condition which may have an impact on the identification and/or quantification of the reported results.

SUMMARY for 09112234

Qualified Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
BNASIM/NONE	SE	BA2DC01200901	N	1,1-bis(p-chlorophenyl)ethane	7.1	4.7 J	4.7 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200903	N	p,p'-DDD	6.8	4.1 J	4.1 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200903	N	1,1-bis(p-chlorophenyl)ethane	6.8	5.2 J	5.2 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200907	N	p,p'-DDD	6.8	5.9 J	5.9 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200907	N	1,1-bis(p-chlorophenyl)ethane	6.8	6.5 J	6.5 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200909-11	N	p,p'-DDD	6.8	5.6 J	5.6 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200913-15	N	p,p'-DDD	6.8	6.1 J	6.1 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200917-19	N	p,p'-DDD	6.9	4.9 J	4.9 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200921-23	N	o,p'-DDD	6.9	4.3 J	4.3 J	ug/kg	MTR
BNASIM/NONE	SE	BA2DC01200921-23	N	p,p'-DDD	6.9	9.8	9.8 J	ug/kg	M
BNASIM/NONE	SE	BA2DC01200921-23	N	o,p'-DDT	6.9	6.9 U	6.9 UJ	ug/kg	M
BNASIM/NONE	SE	BA2DC01200921-23	N	p,p'-DDT	6.9	6.9 U	6.9 UJ	ug/kg	M
BNASIM/NONE	SE	BA2DC01200925-27	N	o,p'-DDD	6.6	5.4 J	5.4 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200933-35	N	o,p'-DDD	7.0	6.9 J	6.9 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200937-39	N	o,p'-DDD	6.7	4.0 J	4.0 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200941-43	N	p,p'-DDD	6.5	5.0 J	5.0 J	ug/kg	TR
BNASIM/NONE	SE	BA2DC01200945-47	N	p,p'-DDD	6.5	4.5 J	4.5 J	ug/kg	TR
Test Leach	**Matrix**	**FieldSample ID**	**Type**	**Analyte**	**RL**	**Lab Result**	**Qualified Result**	**Units**	**Reason**
PCBSIM/NONE	SE	BA2DC01200921-23	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.9	2.6 J	2.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200921-23	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	6.9	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200921-23	N	2,3',4,4',5-PENTACHLOROBIPHENYL	6.9	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200921-23	N	2,3',4,4'-TETRACHLOROBIPHENYL	6.9	2.5 J	2.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200921-23	N	2,4,4'-TRICHLOROBIPHENYL	6.9	2.8 J	2.8 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200925-27	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.6	4.1 J	4.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200925-27	N	PCB-138/158	6.6	5.1 J	5.1 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200925-27	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	6.6	4.6 J	4.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200925-27	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.6	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200925-27	N	2,3',4,4',5-PENTACHLOROBIPHENYL	6.6	4.4 J	4.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200925-27	N	2,2',3,5'-TETRACHLOROBIPHENYL	6.6	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200925-27	N	2,2',5,5'-TETRACHLOROBIPHENYL	6.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200925-27	N	2,3',4,4'-TETRACHLOROBIPHENYL	6.6	4.0 J	4.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200925-27	N	2,4,4'-TRICHLOROBIPHENYL	6.6	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200929-31	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.9	5.6 J	5.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200929-31	N	PCB-138/158	6.9	5.9 J	5.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200929-31	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.9	3.6 J	3.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200929-31	N	2,3',4,4',5-PENTACHLOROBIPHENYL	6.9	6.5 J	6.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200929-31	N	2,2',3,5'-TETRACHLOROBIPHENYL	6.9	4.8 J	4.8 J	ug/kg	TR

PCBSIM/NONE	SE	BA2DC01200929-31	N	2,2',5,5'-TETRACHLOROBIPHENYL	6.9	6.3 J	6.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200929-31	N	2,3',4,4'-TETRACHLOROBIPHENYL	6.9	6.7 J	6.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200929-31	N	2,2',5-TRICHLOROBIPHENYL	6.9	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200929-31	N	2,4,4'-TRICHLOROBIPHENYL	6.9	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200933-35	N	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.0	3.4 J	3.4 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200933-35	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	6.6 J	6.6 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200933-35	N	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.0	3.7 J	3.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200933-35	N	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	5.7 J	5.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200933-35	N	2,2',5,5'-TETRACHLOROBIPHENYL	7.0	5.5 J	5.5 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200933-35	N	2,3',4,4'-TETRACHLOROBIPHENYL	7.0	6.9 J	6.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200933-35	N	2,2',5-TRICHLOROBIPHENYL	7.0	2.7 J	2.7 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200933-35	N	2,4,4'-TRICHLOROBIPHENYL	7.0	2.9 J	2.9 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200937-39	N	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.7	3.2 J	3.2 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200937-39	N	2,2',4,5,5'-PENTACHLOROBIPHENYL	6.7	3.3 J	3.3 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200937-39	N	2,3',4,4',5-PENTACHLOROBIPHENYL	6.7	3.0 J	3.0 J	ug/kg	TR
PCBSIM/NONE	SE	BA2DC01200937-39	N	2,3',4,4'-TETRACHLOROBIPHENYL	6.7	2.9 J	2.9 J	ug/kg	TR

ATTACHMENT 2

FIELD REPLICATE RESULTS

Attachment 2 - Field Replicate Results for Outfall Area Sediment Samples
Pre-Design Investigation
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

Location	Analysis
BA4C	BNASIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	1,1-bis(p-chlorophenyl)ethane	360	470	10.0	30.6	OK	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	1,1-bis(p-chlorophenyl)ethane	110	69.0	12.0	37.3	OK	NA
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	1,1-bis(p-chlorophenyl)ethane	26.0	39.0	7.1	50.0	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	1,1-bis(p-chlorophenyl)ethane	84.0	ND	7.1	100	NA	84.0000
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	1,1-bis(p-chlorophenyl)ethane	110	21.0	7.2	80.9	NA	89.0000
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	1,1-bis(p-chlorophenyl)ethane	47.0	100	7.3	113	**Out**	NA
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	1,1-bis(p-chlorophenyl)ethane	44.0	40.0	7.3	9.1	OK	NA
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	1,1-bis(p-chlorophenyl)ethane	53.0	140	7.5	164	**Out**	NA
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	1,1-bis(p-chlorophenyl)ethane	53.0	18.0	7.5	66.0	NA	35.0000
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	1,1-bis(p-chlorophenyl)ethane	65.0	22.0	7.7	66.2	NA	43.0000
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	1,1-bis(p-chlorophenyl)ethane	110	77.0	8.2	30.0	OK	NA
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	1,1-bis(p-chlorophenyl)ethane	120	57.0	8.2	52.5	**Out**	NA
BA4C01200905 / BA4C02200905	091122393 / 091122403	1,1-bis(p-chlorophenyl)ethane	42.0	44.0	8.3	4.8	OK	NA
BA4C01200907 / BA4C02200907	091122394 / 091122404	1,1-bis(p-chlorophenyl)ethane	51.0	52.0	8.3	2.0	OK	NA
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	1,1-bis(p-chlorophenyl)ethane	110	67.0	8.3	39.1	OK	NA
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	1,1-bis(p-chlorophenyl)ethane	330	160	8.3	51.5	**Out**	NA
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	1,1-bis(p-chlorophenyl)ethane	180	110	8.6	38.9	OK	NA
BA4C01200903 / BA4C02200903	091122392 / 091122402	1,1-bis(p-chlorophenyl)ethane	68.0	46.0	8.9	32.4	OK	NA
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	1,1-bis(p-chlorophenyl)ethane	550	250	9.4	54.5	**Out**	NA
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	1,1-bis(p-chlorophenyl)ethane	510	340	9.6	33.3	OK	NA
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	2200	2400	100	9.1	OK	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	800	510	12.0	36.3	OK	NA
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	700	100	36.0	85.7	**Out**	NA
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	860	390	43.0	54.7	**Out**	NA
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	190	160	7.1	15.8	OK	NA
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	540	ND	7.1	100	NA	540.0000
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	250	510	7.3	104	**Out**	NA
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	260	250	7.3	3.8	OK	NA
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	310	660	7.5	113	**Out**	NA
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	330	100	7.5	69.7	**Out**	NA
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	360	130	7.7	63.9	**Out**	NA
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	720	430	8.2	40.3	**Out**	NA
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	650	270	8.2	58.5	**Out**	NA
BA4C01200905 / BA4C02200905	091122393 / 091122403	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	330	260	8.3	21.2	OK	NA
BA4C01200907 / BA4C02200907	091122394 / 091122404	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	340	310	8.3	8.8	OK	NA
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	540	310	8.3	42.6	**Out**	NA
BA4C01200903 / BA4C02200903	091122392 / 091122402	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	510	310	8.9	39.2	OK	NA
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1500	520	83.0	65.3	**Out**	NA
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	2200	980	94.0	55.5	**Out**	NA
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	4100	1900	96.0	53.7	**Out**	NA
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	o,p'-DDD	85.0	110	10.0	29.4	OK	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	o,p'-DDD	41.0	25.0	12.0	39.0	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	o,p'-DDD	4.3	4.5	7.1	4.7	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	o,p'-DDD	10.0	ND	7.1	100	NA	OK

Attachment 2 - Field Replicate Results for Outfall Area Sediment Samples
Pre-Design Investigation
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	o,p'-DDD	17.0	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	o,p'-DDD	5.0	13.0	7.3	160	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	o,p'-DDD	6.9	7.6	7.3	10.1	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	o,p'-DDD	8.3	23.0	7.5	177	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	o,p'-DDD	8.3	ND	7.5	100	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	o,p'-DDD	8.1	5.0	7.7	38.3	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	o,p'-DDD	38.0	25.0	8.2	34.2	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	o,p'-DDD	29.0	13.0	8.2	55.2	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	o,p'-DDD	18.0	14.0	8.3	22.2	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	o,p'-DDD	18.0	18.0	8.3	0.0000	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	o,p'-DDD	20.0	16.0	8.3	20.0	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	o,p'-DDD	71.0	53.0	8.3	25.4	OK	NA
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	o,p'-DDD	31.0	18.0	8.6	41.9	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	o,p'-DDD	25.0	16.0	8.9	36.0	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	o,p'-DDD	88.0	48.0	9.4	45.5	**Out**	NA
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	o,p'-DDD	100	76.0	9.6	24.0	OK	NA
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	o,p'-DDE	930	780	10.0	16.1	OK	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	o,p'-DDE	300	200	12.0	33.3	OK	NA
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	o,p'-DDE	38.0	40.0	7.1	5.3	OK	NA
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	o,p'-DDE	90.0	ND	7.1	100	NA	90.0000
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	o,p'-DDE	140	23.0	7.2	83.6	NA	117.0000
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	o,p'-DDE	47.0	88.0	7.3	87.2	**Out**	NA
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	o,p'-DDE	51.0	65.0	7.3	27.5	OK	NA
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	o,p'-DDE	60.0	150	7.5	150	**Out**	NA
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	o,p'-DDE	73.0	22.0	7.5	69.9	NA	51.0000
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	o,p'-DDE	68.0	44.0	7.7	35.3	OK	NA
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	o,p'-DDE	300	200	8.2	33.3	OK	NA
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	o,p'-DDE	240	110	8.2	54.2	**Out**	NA
BA4C01200905 / BA4C02200905	091122393 / 091122403	o,p'-DDE	140	110	8.3	21.4	OK	NA
BA4C01200907 / BA4C02200907	091122394 / 091122404	o,p'-DDE	150	140	8.3	6.7	OK	NA
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	o,p'-DDE	170	120	8.3	29.4	OK	NA
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	o,p'-DDE	550	240	8.3	56.4	**Out**	NA
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	o,p'-DDE	260	170	8.6	34.6	OK	NA
BA4C01200903 / BA4C02200903	091122392 / 091122402	o,p'-DDE	200	130	8.9	35.0	OK	NA
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	o,p'-DDE	790	420	9.4	46.8	**Out**	NA
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	o,p'-DDE	1500	830	96.0	44.7	**Out**	NA
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	o,p'-DDT	17.0	11.0	10.0	35.3	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	o,p'-DDT	ND	6.5	12.0		NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	o,p'-DDT	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	o,p'-DDT	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	o,p'-DDT	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	o,p'-DDT	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	o,p'-DDT	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	o,p'-DDT	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	o,p'-DDT	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	o,p'-DDT	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	o,p'-DDT	ND	ND	8.2	NA	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	o,p'-DDT	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	o,p'-DDT	ND	ND	8.3	NA	NA	OK

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Pre-Design Investigation
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
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BA4C01200907 / BA4C02200907	091122394 / 091122404	o,p'-DDT	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	o,p'-DDT	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	o,p'-DDT	7.1	ND	8.3	100	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	o,p'-DDT	4.9	ND	8.6	100	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	o,p'-DDT	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	o,p'-DDT	24.0	10.0	9.4	58.3	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	o,p'-DDT	16.0	9.5	9.6	40.6	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	p,p'-DDD	160	290	10.0	81.3	**Out**	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	p,p'-DDD	150	100	12.0	33.3	OK	NA
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	p,p'-DDD	8.9	9.9	7.1	11.2	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	p,p'-DDD	52.0	ND	7.1	100	NA	52.0000
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	p,p'-DDD	38.0	5.8	7.2	84.7	NA	32.2000
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	p,p'-DDD	12.0	39.0	7.3	225	NA	27.0000
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	p,p'-DDD	19.0	19.0	7.3	0.0000	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	p,p'-DDD	25.0	64.0	7.5	156	NA	39.0000
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	p,p'-DDD	29.0	18.0	7.5	37.9	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	p,p'-DDD	21.0	14.0	7.7	33.3	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	p,p'-DDD	200	73.0	8.2	63.5	**Out**	NA
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	p,p'-DDD	140	100	8.2	28.6	OK	NA
BA4C01200905 / BA4C02200905	091122393 / 091122403	p,p'-DDD	62.0	42.0	8.3	32.3	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	p,p'-DDD	57.0	52.0	8.3	8.8	OK	NA
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	p,p'-DDD	67.0	48.0	8.3	28.4	OK	NA
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	p,p'-DDD	250	180	8.3	28.0	OK	NA
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	p,p'-DDD	86.0	48.0	8.6	44.2	**Out**	NA
BA4C01200903 / BA4C02200903	091122392 / 091122402	p,p'-DDD	100	57.0	8.9	43.0	**Out**	NA
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	p,p'-DDD	170	140	9.4	17.6	OK	NA
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	p,p'-DDD	360	190	9.6	47.2	**Out**	NA
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	p,p'-DDE	4400	3600	100	18.2	OK	NA
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	p,p'-DDE	1400	920	41.0	34.3	OK	NA
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	p,p'-DDE	1100	550	41.0	50.0	**Out**	NA
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	p,p'-DDE	1000	740	43.0	26.0	OK	NA
BA4C01200903 / BA4C02200903	091122392 / 091122402	p,p'-DDE	1100	700	44.0	36.4	OK	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	p,p'-DDE	1400	980	60.0	30.0	OK	NA
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	p,p'-DDE	130	150	7.1	15.4	OK	NA
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	p,p'-DDE	260	4.0	7.1	98.5	NA	256.0000
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	p,p'-DDE	420	85.0	7.2	79.8	**Out**	NA
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	p,p'-DDE	160	250	7.3	56.3	OK	NA
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	p,p'-DDE	170	270	7.3	58.8	OK	NA
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	p,p'-DDE	190	580	7.5	205	**Out**	NA
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	p,p'-DDE	270	86.0	7.5	68.1	**Out**	NA
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	p,p'-DDE	220	210	7.7	4.5	OK	NA
BA4C01200905 / BA4C02200905	091122393 / 091122403	p,p'-DDE	760	620	8.3	18.4	OK	NA
BA4C01200907 / BA4C02200907	091122394 / 091122404	p,p'-DDE	780	760	8.3	2.6	OK	NA
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	p,p'-DDE	810	640	8.3	21.0	OK	NA
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	p,p'-DDE	2600	1300	83.0	50.0	**Out**	NA
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	p,p'-DDE	3700	1500	94.0	59.5	**Out**	NA
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	p,p'-DDE	6400	3800	96.0	40.6	**Out**	NA
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	p,p'-DDT	ND	ND	10.0	NA	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	p,p'-DDT	ND	26.0	12.0		NA	OK

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BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	p,p'-DDT	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	p,p'-DDT	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	p,p'-DDT	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	p,p'-DDT	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	p,p'-DDT	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	p,p'-DDT	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	p,p'-DDT	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	p,p'-DDT	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	p,p'-DDT	ND	ND	8.2	NA	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	p,p'-DDT	ND	6.4	8.2		NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	p,p'-DDT	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	p,p'-DDT	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	p,p'-DDT	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	p,p'-DDT	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	p,p'-DDT	ND	ND	8.6	NA	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	p,p'-DDT	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	p,p'-DDT	ND	ND	9.4	NA	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	p,p'-DDT	ND	ND	9.6	NA	NA	OK

Location	Analysis
BA4C	D2216

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
BA4C01200901 / BA4C02200901	091122391 / 091122401	Moisture	58.1	47.6	0.10	18.1	OK	NA
BA4C01200903 / BA4C02200903	091122392 / 091122402	Moisture	43.7	42.5	0.10	2.7	OK	NA
BA4C01200905 / BA4C02200905	091122393 / 091122403	Moisture	39.4	40.9	0.10	3.8	OK	NA
BA4C01200907 / BA4C02200907	091122394 / 091122404	Moisture	40.1	38.8	0.10	3.2	OK	NA
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	Moisture	38.8	38.6	0.10	0.52	OK	NA
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	Moisture	39.0	39.9	0.10	2.3	OK	NA
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	Moisture	40.0	39.5	0.10	1.3	OK	NA
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	Moisture	41.7	40.8	0.10	2.2	OK	NA
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	Moisture	46.6	41.9	0.10	10.1	OK	NA
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	Moisture	51.2	43.0	0.10	16.0	OK	NA
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	Moisture	47.7	53.1	0.10	11.3	OK	NA
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	Moisture	39.7	44.6	0.10	12.3	OK	NA
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	Moisture	33.6	35.4	0.10	5.4	OK	NA
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	Moisture	31.7	33.1	0.10	4.4	OK	NA
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	Moisture	33.4	32.7	0.10	2.1	OK	NA
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	Moisture	35.2	34.4	0.10	2.3	OK	NA
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	Moisture	31.4	34.7	0.10	10.5	OK	NA
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	Moisture	29.4	30.5	0.10	3.7	OK	NA
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	Moisture	30.6	28.7	0.10	6.2	OK	NA
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	Moisture	29.1	27.4	0.10	5.8	OK	NA

Location	Analysis
BA4C	PCBSIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2',3,4,4',5-PENTACHLOROBIPHENYL	3.7	6.2	10.0	67.6	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2',3,4,4',5-PENTACHLOROBIPHENYL	4.0	ND	12.0	100	NA	OK

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BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2',3,4,4',5-PENTACHLOROBIPHENYL	4.3	3.2	8.2	25.6	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	9.1	8.3		NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2',3,4,4',5-PENTACHLOROBIPHENYL	3.0	ND	8.3	100	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2',3,4,4',5-PENTACHLOROBIPHENYL	13.0	8.0	9.4	38.5	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2',3,4,4',5-PENTACHLOROBIPHENYL	3.5	5.1	9.6	45.7	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.1	ND	10.0	100	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	14.0	ND	12.0	100	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	3.5	ND	8.2	100	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	4.0	ND	8.3	100	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	3.1	ND	8.6	100	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK

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BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	3.9	7.1	9.6	82.1	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	4.8	4.0	10.0	16.7	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	4.0	ND	8.6	100	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	6.1	ND	9.4	100	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	9.6	NA	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	3.7	3.0	10.0	18.9	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK

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BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.7	ND	9.4	100	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	3.0	ND	9.6	100	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	15.0	14.0	10.0	6.7	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.8	3.7	12.0	45.6	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.7	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	2.8	7.5		NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	5.9	4.4	8.2	25.4	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	4.4	ND	8.2	100	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.9	ND	8.3	100	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.9	2.9	8.3	0.0000	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	3.5	ND	8.3	100	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.8	3.7	8.3	45.6	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	5.4	3.8	8.6	29.6	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	4.6	3.4	8.9	26.1	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	17.0	7.2	9.4	57.6	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	8.9	9.6	25.8	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	15.0	16.0	10.0	6.7	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	5.2	4.1	12.0	21.2	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	3.5	7.5		NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	5.3	3.8	8.2	28.3	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	3.2	ND	8.2	100	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	2.8	ND	8.3	100	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	3.3	ND	8.3	100	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	4.0	4.8	8.3	20.0	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	3.8	4.7	8.6	23.7	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	4.2	2.9	8.9	31.0	NA	OK

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BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.2	7.6	9.6	17.4	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	16.0	16.0	10.0	0.0000	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	6.2	3.7	12.0	40.3	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	2.7	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	5.9	3.9	8.2	33.9	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	4.6	ND	8.2	100	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	2.9	3.0	8.3	3.4	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	3.4	ND	8.3	100	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	6.0	3.8	8.3	36.7	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	4.6	3.3	8.6	28.3	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	4.6	ND	8.9	100	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	21.0	8.0	9.4	61.9	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	11.0	9.6	15.4	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	27.0	27.0	10.0	0.0000	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	7.3	12.0	27.0	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	3.1	ND	7.1	100	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	4.8	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	2.8	7.3		NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	4.6	7.5		NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	7.3	8.2	33.6	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.4	3.7	8.2	50.0	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	4.9	3.8	8.3	22.4	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	5.0	4.8	8.3	4.0	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	5.8	4.5	8.3	22.4	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	6.6	8.3	34.0	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.6	5.7	8.6	33.7	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.8	6.0	8.9	23.1	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	32.0	13.0	9.4	59.4	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	22.0	17.0	9.6	22.7	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',3,5'-TETRACHLOROBIPHENYL	44.0	40.0	10.0	9.1	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	9.2	12.0	16.4	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',3,5'-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',3,5'-TETRACHLOROBIPHENYL	5.2	ND	7.1	100	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',3,5'-TETRACHLOROBIPHENYL	ND	4.0	7.3		NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',3,5'-TETRACHLOROBIPHENYL	ND	3.9	7.3		NA	OK

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BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',3,5'-TETRACHLOROBIPHENYL	3.1	ND	7.5	100	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,2',3,5'-TETRACHLOROBIPHENYL	3.2	ND	7.7	100	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	8.9	8.2	25.8	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	5.8	8.2	42.0	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',3,5'-TETRACHLOROBIPHENYL	6.0	6.7	8.3	11.7	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',3,5'-TETRACHLOROBIPHENYL	6.1	6.2	8.3	1.6	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',3,5'-TETRACHLOROBIPHENYL	7.3	6.2	8.3	15.1	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',3,5'-TETRACHLOROBIPHENYL	18.0	8.5	8.3	52.8	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	7.7	8.6	35.8	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',3,5'-TETRACHLOROBIPHENYL	7.7	6.5	8.9	15.6	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,2',3,5'-TETRACHLOROBIPHENYL	40.0	21.0	9.4	47.5	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',3,5'-TETRACHLOROBIPHENYL	40.0	38.0	9.6	5.0	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	58.0	58.0	10.0	0.0000	OK	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	15.0	12.0		NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	2.9	3.3	7.1	13.8	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.5	ND	7.1	100	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.5	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	2.6	6.4	7.3	146	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	3.6	4.3	7.3	19.4	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	3.4	10.0	7.5	194	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	4.4	ND	7.5	100	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	4.6	3.2	7.7	30.4	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	21.0	14.0	8.2	33.3	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	17.0	7.8	8.2	54.1	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	8.9	8.3	11.0	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	11.0	8.3	0.0000	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	9.4	8.3	21.7	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	25.0	13.0	8.3	48.0	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	18.0	14.0	8.6	22.2	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	10.0	8.9		NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	63.0	29.0	9.4	54.0	NA	34.0000
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	48.0	42.0	9.6	12.5	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',4,5,5'-PENTACHLOROBIPHENYL	73.0	66.0	10.0	9.6	OK	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',4,5,5'-PENTACHLOROBIPHENYL	22.0	16.0	12.0	27.3	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',4,5,5'-PENTACHLOROBIPHENYL	2.8	3.3	7.1	17.9	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.2	ND	7.1	100	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',4,5,5'-PENTACHLOROBIPHENYL	3.1	7.2	7.3	132	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',4,5,5'-PENTACHLOROBIPHENYL	3.9	5.4	7.3	38.5	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,2',4,5,5'-PENTACHLOROBIPHENYL	4.2	12.0	7.5	186	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',4,5,5'-PENTACHLOROBIPHENYL	5.4	ND	7.5	100	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,2',4,5,5'-PENTACHLOROBIPHENYL	5.0	3.3	7.7	34.0	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',4,5,5'-PENTACHLOROBIPHENYL	21.0	15.0	8.2	28.6	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',4,5,5'-PENTACHLOROBIPHENYL	18.0	7.3	8.2	59.4	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	8.7	8.3	13.0	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	10.0	8.3	9.1	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	8.8	8.3	32.3	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',4,5,5'-PENTACHLOROBIPHENYL	27.0	15.0	8.3	44.4	NA	OK

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BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',4,5,5'-PENTACHLOROBIPHENYL	16.0	9.9	8.9	38.1	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,2',4,5,5'-PENTACHLOROBIPHENYL	70.0	33.0	9.4	52.9	NA	37.0000
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',4,5,5'-PENTACHLOROBIPHENYL	58.0	60.0	9.6	3.4	OK	NA
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',5,5'-TETRACHLOROBIPHENYL	47.0	53.0	10.0	12.8	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',5,5'-TETRACHLOROBIPHENYL	16.0	13.0	12.0	18.8	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',5,5'-TETRACHLOROBIPHENYL	ND	3.3	7.1		NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',5,5'-TETRACHLOROBIPHENYL	5.8	ND	7.1	100	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',5,5'-TETRACHLOROBIPHENYL	8.0	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',5,5'-TETRACHLOROBIPHENYL	ND	5.7	7.3		NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',5,5'-TETRACHLOROBIPHENYL	3.4	4.6	7.3	35.3	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,2',5,5'-TETRACHLOROBIPHENYL	3.5	11.0	7.5	214	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',5,5'-TETRACHLOROBIPHENYL	3.6	ND	7.5	100	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,2',5,5'-TETRACHLOROBIPHENYL	4.0	ND	7.7	100	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',5,5'-TETRACHLOROBIPHENYL	14.0	13.0	8.2	7.1	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	6.8	8.2	38.2	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',5,5'-TETRACHLOROBIPHENYL	7.1	6.3	8.3	11.3	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',5,5'-TETRACHLOROBIPHENYL	7.6	8.0	8.3	5.3	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	7.1	8.3	21.1	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',5,5'-TETRACHLOROBIPHENYL	20.0	11.0	8.3	45.0	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,2',5,5'-TETRACHLOROBIPHENYL	15.0	12.0	8.6	20.0	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',5,5'-TETRACHLOROBIPHENYL	10.0	7.3	8.9	27.0	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,2',5,5'-TETRACHLOROBIPHENYL	48.0	29.0	9.4	39.6	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',5,5'-TETRACHLOROBIPHENYL	43.0	48.0	9.6	11.6	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,2',5-TRICHLOROBIPHENYL	14.0	23.0	10.0	64.3	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,2',5-TRICHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,2',5-TRICHLOROBIPHENYL	2.8	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,2',5-TRICHLOROBIPHENYL	ND	3.7	7.5		NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,2',5-TRICHLOROBIPHENYL	3.9	ND	8.2	100	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,2',5-TRICHLOROBIPHENYL	4.4	ND	8.2	100	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,2',5-TRICHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,2',5-TRICHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,2',5-TRICHLOROBIPHENYL	3.4	ND	8.3	100	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,2',5-TRICHLOROBIPHENYL	9.5	4.5	8.3	52.6	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,2',5-TRICHLOROBIPHENYL	5.7	ND	8.6	100	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,2',5-TRICHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,2',5-TRICHLOROBIPHENYL	20.0	9.2	9.4	54.0	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,2',5-TRICHLOROBIPHENYL	14.0	14.0	9.6	0.0000	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK

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BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.6	NA	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,3',4,4',5-PENTACHLOROBIPHENYL	65.0	59.0	10.0	9.2	OK	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,3',4,4',5-PENTACHLOROBIPHENYL	21.0	16.0	12.0	23.8	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,3',4,4',5-PENTACHLOROBIPHENYL	2.6	3.0	7.1	15.4	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,3',4,4',5-PENTACHLOROBIPHENYL	6.5	ND	7.1	100	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,3',4,4',5-PENTACHLOROBIPHENYL	9.4	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,3',4,4',5-PENTACHLOROBIPHENYL	2.7	5.9	7.3	119	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,3',4,4',5-PENTACHLOROBIPHENYL	3.3	4.6	7.3	39.4	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,3',4,4',5-PENTACHLOROBIPHENYL	3.4	9.6	7.5	182	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,3',4,4',5-PENTACHLOROBIPHENYL	4.5	ND	7.5	100	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,3',4,4',5-PENTACHLOROBIPHENYL	4.4	3.1	7.7	29.5	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,3',4,4',5-PENTACHLOROBIPHENYL	20.0	14.0	8.2	30.0	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,3',4,4',5-PENTACHLOROBIPHENYL	16.0	7.6	8.2	52.5	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,3',4,4',5-PENTACHLOROBIPHENYL	9.4	ND	8.3	100	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,3',4,4',5-PENTACHLOROBIPHENYL	9.8	11.0	8.3	12.2	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,3',4,4',5-PENTACHLOROBIPHENYL	12.0	8.8	8.3	26.7	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,3',4,4',5-PENTACHLOROBIPHENYL	23.0	13.0	8.3	43.5	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,3',4,4',5-PENTACHLOROBIPHENYL	18.0	13.0	8.6	27.8	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,3',4,4',5-PENTACHLOROBIPHENYL	16.0	9.5	8.9	40.6	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,3',4,4',5-PENTACHLOROBIPHENYL	64.0	32.0	9.4	50.0	NA	32.0000
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,3',4,4',5-PENTACHLOROBIPHENYL	51.0	47.0	9.6	7.8	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,3',4,4'-TETRACHLOROBIPHENYL	63.0	55.0	10.0	12.7	OK	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,3',4,4'-TETRACHLOROBIPHENYL	19.0	14.0	12.0	26.3	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,3',4,4'-TETRACHLOROBIPHENYL	ND	3.0	7.1		NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,3',4,4'-TETRACHLOROBIPHENYL	6.0	ND	7.1	100	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,3',4,4'-TETRACHLOROBIPHENYL	8.2	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,3',4,4'-TETRACHLOROBIPHENYL	2.6	5.3	7.3	104	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,3',4,4'-TETRACHLOROBIPHENYL	3.1	4.0	7.3	29.0	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,3',4,4'-TETRACHLOROBIPHENYL	2.9	9.0	7.5	210	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,3',4,4'-TETRACHLOROBIPHENYL	4.2	ND	7.5	100	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,3',4,4'-TETRACHLOROBIPHENYL	3.9	ND	7.7	100	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,3',4,4'-TETRACHLOROBIPHENYL	17.0	13.0	8.2	23.5	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,3',4,4'-TETRACHLOROBIPHENYL	13.0	6.8	8.2	47.7	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,3',4,4'-TETRACHLOROBIPHENYL	8.8	6.8	8.3	22.7	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,3',4,4'-TETRACHLOROBIPHENYL	7.9	9.1	8.3	15.2	NA	OK

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BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,3',4,4'-TETRACHLOROBIPHENYL	20.0	10.0	8.3	50.0	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,3',4,4'-TETRACHLOROBIPHENYL	15.0	11.0	8.6	26.7	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	8.4	8.9	30.0	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,3',4,4'-TETRACHLOROBIPHENYL	56.0	26.0	9.4	53.6	NA	30.0000
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,3',4,4'-TETRACHLOROBIPHENYL	48.0	49.0	9.6	2.1	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	8.2	15.0	10.0	82.9	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	4.1	3.1	8.2	24.4	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	3.3	ND	8.2	100	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	3.5	ND	8.6	100	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	15.0	8.2	9.4	45.3	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,3,3',4,4',5'-HEXACHLOROBIPHENYL	5.4	6.8	9.6	25.9	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	9.6	NA	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,3,3',4,4',5-HEXACHLOROBIPHENYL	11.0	11.0	10.0	0.0000	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,3,3',4,4',5-HEXACHLOROBIPHENYL	6.1	ND	12.0	100	NA	OK

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BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,3,3',4,4',5-HEXACHLOROBIPHENYL	3.5	ND	8.2	100	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,3,3',4,4',5-HEXACHLOROBIPHENYL	3.3	4.7	8.6	42.4	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,3,3',4,4',5-HEXACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,3,3',4,4',5-HEXACHLOROBIPHENYL	9.8	6.2	9.4	36.7	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,3,3',4,4',5-HEXACHLOROBIPHENYL	6.5	4.8	9.6	26.2	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,3,3',4,4'-PENTACHLOROBIPHENYL	37.0	39.0	10.0	5.4	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	11.0	12.0	15.4	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,3,3',4,4'-PENTACHLOROBIPHENYL	4.1	ND	7.1	100	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,3,3',4,4'-PENTACHLOROBIPHENYL	5.4	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	3.5	7.3		NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	3.1	7.3		NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	5.2	7.5		NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	8.4	8.2	30.0	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.9	5.1	8.2	48.5	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.5	4.9	8.3	24.6	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.4	6.1	8.3	4.7	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.0	5.3	8.3	24.3	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,3,3',4,4'-PENTACHLOROBIPHENYL	13.0	6.4	8.3	50.8	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	8.0	8.6	27.3	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	6.6	8.9	34.0	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,3,3',4,4'-PENTACHLOROBIPHENYL	39.0	19.0	9.4	51.3	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,3,3',4,4'-PENTACHLOROBIPHENYL	29.0	32.0	9.6	10.3	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK

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BA4C01200907 / BA4C02200907	091122394 / 091122404	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	9.6	NA	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,4'-DICHLOROBIPHENYL	ND	5.0	10.0		NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,4'-DICHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,4'-DICHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,4'-DICHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,4'-DICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,4'-DICHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,4'-DICHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,4'-DICHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,4'-DICHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,4'-DICHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,4'-DICHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,4'-DICHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,4'-DICHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,4'-DICHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,4'-DICHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,4'-DICHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,4'-DICHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,4'-DICHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,4'-DICHLOROBIPHENYL	7.6	ND	9.4	100	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,4'-DICHLOROBIPHENYL	ND	ND	9.6	NA	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	2,4,4'-TRICHLOROBIPHENYL	18.0	19.0	10.0	5.6	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	2,4,4'-TRICHLOROBIPHENYL	5.0	3.6	12.0	28.0	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	2,4,4'-TRICHLOROBIPHENYL	4.3	ND	7.1	100	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	2,4,4'-TRICHLOROBIPHENYL	3.3	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	2,4,4'-TRICHLOROBIPHENYL	2.8	4.0	7.5	42.9	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	2,4,4'-TRICHLOROBIPHENYL	4.9	4.0	8.2	18.4	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	2,4,4'-TRICHLOROBIPHENYL	6.4	ND	8.2	100	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	2,4,4'-TRICHLOROBIPHENYL	ND	3.0	8.3		NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	2,4,4'-TRICHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	2,4,4'-TRICHLOROBIPHENYL	3.4	2.9	8.3	14.7	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	2,4,4'-TRICHLOROBIPHENYL	8.7	3.8	8.3	56.3	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	2,4,4'-TRICHLOROBIPHENYL	6.3	3.2	8.6	49.2	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	2,4,4'-TRICHLOROBIPHENYL	3.3	ND	8.9	100	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	2,4,4'-TRICHLOROBIPHENYL	40.0	9.3	9.4	76.8	NA	30.7000
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	2,4,4'-TRICHLOROBIPHENYL	20.0	15.0	9.6	25.0	NA	OK

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BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	4.1	ND	9.4	100	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.6	NA	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	3,3',4,4',5-PENTACHLOROBIPHENYL	5.6	8.6	10.0	53.6	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	3,3',4,4',5-PENTACHLOROBIPHENYL	4.7	ND	8.2	100	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	3,3',4,4',5-PENTACHLOROBIPHENYL	3.2	4.3	8.3	34.4	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	4.2	8.6		NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	3,3',4,4',5-PENTACHLOROBIPHENYL	9.7	ND	9.4	100	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	4.1	9.6		NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	3,3',4,4'-TETRACHLOROBIPHENYL	11.0	10.0	10.0	9.1	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK

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BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	3,3',4,4'-TETRACHLOROBIPHENYL	4.7	6.5	8.3	38.3	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	3,3',4,4'-TETRACHLOROBIPHENYL	3.7	ND	8.6	100	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	3,3',4,4'-TETRACHLOROBIPHENYL	13.0	4.1	9.4	68.5	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	3,3',4,4'-TETRACHLOROBIPHENYL	6.4	6.6	9.6	3.1	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
BA4C01200901 / BA4C02200901	091122391 / 091122401	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.3	NA	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	9.6	NA	NA	OK
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	PCB-138/158	61.0	64.0	10.0	4.9	OK	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	PCB-138/158	22.0	18.0	12.0	18.2	NA	OK
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	PCB-138/158	ND	ND	7.1	NA	NA	OK
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	PCB-138/158	6.9	ND	7.1	100	NA	OK
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	PCB-138/158	10.0	ND	7.2	100	NA	OK
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	PCB-138/158	ND	5.9	7.3		NA	OK
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	PCB-138/158	ND	ND	7.3	NA	NA	OK
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	PCB-138/158	ND	11.0	7.5		NA	OK
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	PCB-138/158	ND	ND	7.5	NA	NA	OK
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	PCB-138/158	ND	ND	7.7	NA	NA	OK
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	PCB-138/158	22.0	15.0	8.2	31.8	NA	OK
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	PCB-138/158	17.0	7.5	8.2	55.9	NA	OK
BA4C01200905 / BA4C02200905	091122393 / 091122403	PCB-138/158	10.0	9.8	8.3	2.0	NA	OK
BA4C01200907 / BA4C02200907	091122394 / 091122404	PCB-138/158	11.0	11.0	8.3	0.0000	NA	OK
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	PCB-138/158	13.0	10.0	8.3	23.1	NA	OK
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	PCB-138/158	26.0	14.0	8.3	46.2	NA	OK
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	PCB-138/158	20.0	14.0	8.6	30.0	NA	OK
BA4C01200903 / BA4C02200903	091122392 / 091122402	PCB-138/158	16.0	11.0	8.9	31.3	NA	OK

Attachment 2 - Field Replicate Results for Outfall Area Sediment Samples
Pre-Design Investigation
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
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Location	Analysis
BA4C	SW9060

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
BA4C01200961-63 / BA4C02200961-63	0911223950 / 0911224050	Total Organic Carbon	1.4	1.2	0.071	14.3	OK	NA
BA4C01200969-71 / BA4C02200969-71	0911223952 / 0911224052	Total Organic Carbon	1.4	1.1	0.071	21.4	OK	NA
BA4C01200965-67 / BA4C02200965-67	0911223951 / 0911224051	Total Organic Carbon	1.5	1.6	0.072	6.7	OK	NA
BA4C01200945-47 / BA4C02200945-47	0911223946 / 0911224046	Total Organic Carbon	1.7	1.7	0.073	0.0000	OK	NA
BA4C01200957-59 / BA4C02200957-59	0911223949 / 0911224049	Total Organic Carbon	1.5	1.7	0.073	13.3	OK	NA
BA4C01200941-43 / BA4C02200941-43	0911223945 / 0911224045	Total Organic Carbon	1.7	1.6	0.075	5.9	OK	NA
BA4C01200949-51 / BA4C02200949-51	0911223947 / 0911224047	Total Organic Carbon	1.8	1.5	0.075	16.7	OK	NA
BA4C01200953-55 / BA4C02200953-55	0911223948 / 0911224048	Total Organic Carbon	2.0	1.7	0.077	15.0	OK	NA
BA4C01200909-11 / BA4C02200909-11	0911223937 / 0911224037	Total Organic Carbon	2.4	2.4	0.082	0.0000	OK	NA
BA4C01200913-15 / BA4C02200913-15	0911223938 / 0911224038	Total Organic Carbon	2.5	2.5	0.082	0.0000	OK	NA
BA4C01200905 / BA4C02200905	091122393 / 091122403	Total Organic Carbon	2.2	2.5	0.083	13.6	OK	NA
BA4C01200907 / BA4C02200907	091122394 / 091122404	Total Organic Carbon	2.4	2.1	0.083	12.5	OK	NA
BA4C01200917-19 / BA4C02200917-19	0911223939 / 0911224039	Total Organic Carbon	2.8	2.6	0.083	7.1	OK	NA
BA4C01200937-39 / BA4C02200937-39	0911223944 / 0911224044	Total Organic Carbon	2.3	2.7	0.083	17.4	OK	NA
BA4C01200921-23 / BA4C02200921-23	0911223940 / 0911224040	Total Organic Carbon	2.8	2.9	0.086	3.6	OK	NA
BA4C01200903 / BA4C02200903	091122392 / 091122402	Total Organic Carbon	2.1	2.4	0.089	14.3	OK	NA
BA4C01200925-27 / BA4C02200925-27	0911223941 / 0911224041	Total Organic Carbon	3.5	2.9	0.094	17.1	OK	NA
BA4C01200933-35 / BA4C02200933-35	0911223943 / 0911224043	Total Organic Carbon	4.1	4.4	0.096	7.3	OK	NA
BA4C01200929-31 / BA4C02200929-31	0911223942 / 0911224042	Total Organic Carbon	5.2	2.6	0.10	50.0	**Out**	NA
BA4C01200901 / BA4C02200901	091122391 / 091122401	Total Organic Carbon	2.1	2.3	0.12	9.5	OK	NA

Location	Analysis
OA05	BNASIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	1,1-bis(p-chlorophenyl)ethane	130	190	10.0	46.2	OK	NA
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	1,1-bis(p-chlorophenyl)ethane	360	300	10.0	16.7	OK	NA
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	1,1-bis(p-chlorophenyl)ethane	89.0	150	12.0	68.5	**Out**	NA
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	1,1-bis(p-chlorophenyl)ethane	210	300	12.0	42.9	OK	NA
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	1,1-bis(p-chlorophenyl)ethane	270	1300	12.0	381	NA	1030.0000
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	1,1-bis(p-chlorophenyl)ethane	680	1800	12.0	165	NA	1120.0000
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	1,1-bis(p-chlorophenyl)ethane	690	1200	13.0	73.9	**Out**	NA
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	1,1-bis(p-chlorophenyl)ethane	490	940	13.0	91.8	**Out**	NA
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	1,1-bis(p-chlorophenyl)ethane	130	800	13.0	515	**Out**	NA
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	1,1-bis(p-chlorophenyl)ethane	880	430	13.0	51.1	**Out**	NA
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	1,1-bis(p-chlorophenyl)ethane	20.0	2.7	7.2	86.5	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	1,1-bis(p-chlorophenyl)ethane	31.0	7.2	7.3	76.8	NA	23.8000
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	1,1-bis(p-chlorophenyl)ethane	59.0	16.0	7.4	72.9	NA	43.0000
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	1,1-bis(p-chlorophenyl)ethane	24.0	ND	7.5	100	NA	24.0000
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	1,1-bis(p-chlorophenyl)ethane	120	53.0	8.0	55.8	**Out**	NA
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	1,1-bis(p-chlorophenyl)ethane	48.0	120	8.5	150	**Out**	NA
OA0501200903 / OA0502200903	091113822 / 091114772	1,1-bis(p-chlorophenyl)ethane	26.0	30.0	8.7	15.4	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	1,1-bis(p-chlorophenyl)ethane	35.0	76.0	8.7	117	NA	41.0000

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OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	1,1-bis(p-chlorophenyl)ethane	94.0	180	9.5	91.5	**Out**	NA
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	830	890	10.0	7.2	OK	NA
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	610	1100	12.0	80.3	**Out**	NA
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1100	5400	12.0	391	NA	4300.0000
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	920	4300	13.0	367	**Out**	NA
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1900	620	210	67.4	**Out**	NA
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1500	1300	240	13.3	OK	NA
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	3400	10000	620	194	**Out**	NA
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	5300	8500	640	60.4	OK	NA
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	8600	1700	640	80.2	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	5600	8300	670	48.2	OK	NA
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	190	13.0	7.2	93.2	NA	177.0000
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	130	44.0	7.3	66.2	**Out**	NA
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	150	74.0	7.4	50.7	**Out**	NA
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	270	ND	7.5	100	NA	270.0000
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	360	190	8.0	47.2	**Out**	NA
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	280	620	8.5	121	**Out**	NA
OA0501200903 / OA0502200903	091113822 / 091114772	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	200	220	8.7	10.0	OK	NA
OA0501200905 / OA0502200905	091113823 / 091114773	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	200	440	8.7	120	**Out**	NA
OA0501200907 / OA0502200907	091113824 / 091114774	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	200	560	8.8	180	**Out**	NA
OA0501200901 / OA0502200901	091113821 / 091114771	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	120	180	9.4	50.0	OK	NA
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	520	640	9.5	23.1	OK	NA
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	o,p'-DDD	71.0	70.0	10.0	1.4	OK	NA
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	o,p'-DDD	290	140	10.0	51.7	**Out**	NA
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	o,p'-DDD	76.0	78.0	12.0	2.6	OK	NA
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	o,p'-DDD	150	130	12.0	13.3	OK	NA
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	o,p'-DDD	180	630	12.0	250	**Out**	NA
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	o,p'-DDD	400	790	12.0	97.5	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	o,p'-DDD	430	480	13.0	11.6	OK	NA
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	o,p'-DDD	520	730	13.0	40.4	OK	NA
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	o,p'-DDD	140	450	13.0	221	**Out**	NA
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	o,p'-DDD	690	330	13.0	52.2	**Out**	NA
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	o,p'-DDD	6.8	ND	7.2	100	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	o,p'-DDD	14.0	ND	7.3	100	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	o,p'-DDD	28.0	6.2	7.4	77.9	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	o,p'-DDD	6.6	ND	7.5	100	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	o,p'-DDD	68.0	22.0	8.0	67.6	NA	46.0000
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	o,p'-DDD	28.0	52.0	8.5	85.7	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	o,p'-DDD	24.0	25.0	8.7	4.2	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	o,p'-DDD	24.0	36.0	8.7	50.0	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	o,p'-DDD	26.0	50.0	8.8	92.3	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	o,p'-DDD	16.0	17.0	9.4	6.3	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	o,p'-DDD	51.0	72.0	9.5	41.2	OK	NA
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	o,p'-DDE	440	500	10.0	13.6	OK	NA
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	o,p'-DDE	880	570	10.0	35.2	OK	NA
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	o,p'-DDE	380	550	12.0	44.7	OK	NA

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OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	o,p'-DDE	3600	9100	620	153	**Out**	NA
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	o,p'-DDE	7000	6400	640	8.6	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	o,p'-DDE	5800	940	640	83.8	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	o,p'-DDE	7400	5800	670	21.6	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	o,p'-DDE	61.0	5.7	7.2	90.7	NA	55.3000
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	o,p'-DDE	51.0	14.0	7.3	72.5	NA	37.0000
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	o,p'-DDE	76.0	29.0	7.4	61.8	NA	47.0000
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	o,p'-DDE	52.0	ND	7.5	100	NA	52.0000
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	o,p'-DDE	210	83.0	8.0	60.5	**Out**	NA
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	o,p'-DDE	190	330	8.5	73.7	**Out**	NA
OA0501200903 / OA0502200903	091113822 / 091114772	o,p'-DDE	180	170	8.7	5.6	OK	NA
OA0501200905 / OA0502200905	091113823 / 091114773	o,p'-DDE	170	270	8.7	58.8	OK	NA
OA0501200907 / OA0502200907	091113824 / 091114774	o,p'-DDE	170	330	8.8	94.1	**Out**	NA
OA0501200901 / OA0502200901	091113821 / 091114771	o,p'-DDE	96.0	130	9.4	35.4	OK	NA
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	o,p'-DDE	340	420	9.5	23.5	OK	NA
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	o,p'-DDT	11.0	13.0	10.0	18.2	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	o,p'-DDT	21.0	15.0	10.0	28.6	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	o,p'-DDT	14.0	19.0	12.0	35.7	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	o,p'-DDT	28.0	39.0	12.0	39.3	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	o,p'-DDT	35.0	54.0	12.0	54.3	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	o,p'-DDT	35.0	52.0	12.0	48.6	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	o,p'-DDT	31.0	27.0	13.0	12.9	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	o,p'-DDT	32.0	21.0	13.0	34.4	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	o,p'-DDT	14.0	24.0	13.0	71.4	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	o,p'-DDT	50.0	15.0	13.0	70.0	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	o,p'-DDT	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	o,p'-DDT	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	o,p'-DDT	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	o,p'-DDT	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	o,p'-DDT	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	o,p'-DDT	ND	11.0	8.5		NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	o,p'-DDT	ND	9.0	8.7		NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	o,p'-DDT	ND	ND	8.7	NA	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	o,p'-DDT	ND	15.0	8.8		NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	o,p'-DDT	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	o,p'-DDT	12.0	16.0	9.5	33.3	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	p,p'-DDD	280	320	10.0	14.3	OK	NA
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	p,p'-DDD	260	330	12.0	26.9	OK	NA
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	p,p'-DDD	540	450	12.0	16.7	OK	NA
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	p,p'-DDD	530	1300	12.0	145	NA	770.0000
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	p,p'-DDD	950	1400	13.0	47.4	NA	450.0000
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	p,p'-DDD	1900	1800	210	5.3	OK	NA
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	p,p'-DDD	1700	5100	260	200	**Out**	NA
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	p,p'-DDD	440	120	40.0	72.7	**Out**	NA
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	p,p'-DDD	740	3000	620	305	NA	2260.0000
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	p,p'-DDD	2000	3200	640	60.0	NA	OK

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OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	p,p'-DDD	130	29.0	7.4	77.7	NA	101.0000
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	p,p'-DDD	21.0	ND	7.5	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	p,p'-DDD	160	240	8.5	50.0	OK	NA
OA0501200903 / OA0502200903	091113822 / 091114772	p,p'-DDD	110	240	8.7	118	**Out**	NA
OA0501200905 / OA0502200905	091113823 / 091114773	p,p'-DDD	170	180	8.7	5.9	OK	NA
OA0501200907 / OA0502200907	091113824 / 091114774	p,p'-DDD	410	350	8.8	14.6	OK	NA
OA0501200901 / OA0502200901	091113821 / 091114771	p,p'-DDD	130	96.0	9.4	26.2	OK	NA
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	p,p'-DDD	280	730	9.5	161	**Out**	NA
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	p,p'-DDE	2700	3000	100	11.1	OK	NA
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	p,p'-DDE	2800	2900	120	3.6	OK	NA
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	p,p'-DDE	6600	4500	210	31.8	OK	NA
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	p,p'-DDE	5500	7200	240	30.9	OK	NA
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	p,p'-DDE	8300	29000	240	249	**Out**	NA
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	p,p'-DDE	6700	17000	260	154	**Out**	NA
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	p,p'-DDE	1200	580	40.0	51.7	**Out**	NA
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	p,p'-DDE	1200	1500	42.0	25.0	OK	NA
OA0501200903 / OA0502200903	091113822 / 091114772	p,p'-DDE	1000	1200	43.0	20.0	OK	NA
OA0501200905 / OA0502200905	091113823 / 091114773	p,p'-DDE	1300	1800	44.0	38.5	OK	NA
OA0501200907 / OA0502200907	091113824 / 091114774	p,p'-DDE	1200	1400	44.0	16.7	OK	NA
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	p,p'-DDE	21000	49000	620	133	**Out**	NA
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	p,p'-DDE	36000	32000	640	11.1	OK	NA
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	p,p'-DDE	47000	12000	640	74.5	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	p,p'-DDE	42000	27000	670	35.7	OK	NA
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	p,p'-DDE	250	33.0	7.2	86.8	NA	217.0000
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	p,p'-DDE	310	94.0	7.3	69.7	**Out**	NA
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	p,p'-DDE	570	160	7.4	71.9	**Out**	NA
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	p,p'-DDE	210	4.0	7.5	98.1	NA	206.0000
OA0501200901 / OA0502200901	091113821 / 091114771	p,p'-DDE	620	810	9.4	30.6	OK	NA
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	p,p'-DDE	2100	2300	95.0	9.5	OK	NA
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	p,p'-DDT	6.4	ND	10.0	100	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	p,p'-DDT	110	30.0	10.0	72.7	NA	80.0000
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	p,p'-DDT	ND	6.9	12.0		NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	p,p'-DDT	27.0	ND	12.0	100	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	p,p'-DDT	ND	ND	12.0	NA	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	p,p'-DDT	41.0	43.0	12.0	4.9	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	p,p'-DDT	ND	19.0	13.0		NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	p,p'-DDT	22.0	51.0	13.0	132	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	p,p'-DDT	400	100	13.0	75.0	**Out**	NA
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	p,p'-DDT	150	170	13.0	13.3	OK	NA
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	p,p'-DDT	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	p,p'-DDT	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	p,p'-DDT	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	p,p'-DDT	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	p,p'-DDT	39.0	ND	8.0	100	NA	39.0000
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	p,p'-DDT	9.2	ND	8.5	100	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	p,p'-DDT	6.5	220	8.7	3280	NA	213.5000

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OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	p,p'-DDT	17.0	69.0	9.5	306	NA	52.0000

Location	Analysis
OA05	D2216

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA0501200901 / OA0502200901	091113821 / 091114771	Moisture	46.8	50.5	0.10	7.9	OK	NA
OA0501200903 / OA0502200903	091113822 / 091114772	Moisture	42.2	44.9	0.10	6.4	OK	NA
OA0501200905 / OA0502200905	091113823 / 091114773	Moisture	42.6	45.1	0.10	5.9	OK	NA
OA0501200907 / OA0502200907	091113824 / 091114774	Moisture	43.0	45.6	0.10	6.0	OK	NA
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	Moisture	41.0	48.5	0.10	18.3	OK	NA
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	Moisture	47.2	51.9	0.10	10.0	OK	NA
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	Moisture	49.9	53.5	0.10	7.2	OK	NA
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	Moisture	56.9	53.1	0.10	6.7	OK	NA
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	Moisture	58.0	59.9	0.10	3.3	OK	NA
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	Moisture	57.9	60.1	0.10	3.8	OK	NA
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	Moisture	60.0	64.5	0.10	7.5	OK	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	Moisture	62.5	59.3	0.10	5.1	OK	NA
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	Moisture	60.9	60.7	0.10	0.33	OK	NA
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	Moisture	61.0	58.8	0.10	3.6	OK	NA
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	Moisture	60.8	52.0	0.10	14.5	OK	NA
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	Moisture	51.6	41.5	0.10	19.6	OK	NA
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	Moisture	37.6	33.2	0.10	11.7	OK	NA
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	Moisture	32.8	33.2	0.10	1.2	OK	NA
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	Moisture	31.1	29.2	0.10	6.1	OK	NA
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	Moisture	30.9	28.6	0.10	7.4	OK	NA
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	Moisture	32.9	29.3	0.10	10.9	OK	NA

Location	Analysis
OA05	PCBSIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	6.4	12.0		NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2',3,4,4',5-PENTACHLOROBIPHENYL	20.0	12.0	12.0	40.0	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2',3,4,4',5-PENTACHLOROBIPHENYL	68.0	5.9	12.0	91.3	NA	62.1000
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2',3,4,4',5-PENTACHLOROBIPHENYL	16.0	33.0	12.0	106	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2',3,4,4',5-PENTACHLOROBIPHENYL	17.0	15.0	13.0	11.8	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2',3,4,4',5-PENTACHLOROBIPHENYL	15.0	6.2	13.0	58.7	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2',3,4,4',5-PENTACHLOROBIPHENYL	7.8	5.8	13.0	25.6	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK

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OA0501200907 / OA0502200907	091113824 / 091114774	2',3,4,4',5-PENTACHLOROBIPHENYL	4.0	3.9	8.8	2.5	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	7.7	9.5		NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.0	ND	12.0	100	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	3.4	8.7		NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	6.5	9.5		NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK

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OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	6.7	ND	12.0	100	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	6.9	ND	13.0	100	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	4.8	ND	13.0	100	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	9.5	NA	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	5.8	ND	12.0	100	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	5.7	ND	12.0	100	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	7.0	ND	13.0	100	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	5.6	ND	13.0	100	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK

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OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	3.0	ND	10.0	100	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	3.5	2.9	10.0	17.1	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.7	9.9	12.0	13.8	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	18.0	13.0	12.0	27.8	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	47.0	10.0	12.0	78.7	NA	37.0000
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	24.0	17.0	12.0	29.2	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	27.0	14.0	13.0	48.1	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	25.0	9.2	13.0	63.2	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.1	15.0	13.0	64.8	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.0	7.2	13.0	10.0	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.6	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	3.4	8.5		NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.9	ND	8.7	100	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	4.2	4.4	8.7	4.8	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	4.3	3.7	8.8	14.0	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	3.0	ND	9.4	100	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	5.3	9.5		NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	3.5	ND	10.0	100	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	3.4	ND	10.0	100	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	7.3	12.0	27.0	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	21.0	10.0	12.0	52.4	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	51.0	15.0	12.0	70.6	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	34.0	18.0	12.0	47.1	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	27.0	13.0	13.0	51.9	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	21.0	7.6	13.0	63.8	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.2	11.0	13.0	77.4	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	5.4	4.1	13.0	24.1	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	3.7	ND	8.7	100	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	4.0	5.3	8.8	32.5	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	9.5	NA	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	4.4	ND	10.0	100	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.7	9.3	12.0	4.1	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	23.0	13.0	12.0	43.5	NA	OK

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OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	26.0	11.0	13.0	57.7	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	10.0	19.0	13.0	90.0	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.4	7.4	13.0	11.9	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	3.6	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	3.6	8.5		NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	4.0	ND	8.7	100	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	4.3	3.5	8.8	18.6	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	4.5	9.5		NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	5.0	6.0	10.0	20.0	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.7	3.9	10.0	49.4	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	19.0	18.0	12.0	5.3	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	41.0	23.0	12.0	43.9	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	100	19.0	12.0	81.0	NA	81.0000
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	56.0	32.0	12.0	42.9	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	63.0	24.0	13.0	61.9	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	49.0	20.0	13.0	59.2	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	19.0	33.0	13.0	73.7	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	14.0	13.0	13.0	7.1	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.3	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	3.7	6.7	8.5	81.1	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	5.0	3.5	8.7	30.0	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.9	5.3	8.7	23.2	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.2	6.7	8.8	6.9	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	4.8	ND	9.4	100	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	9.6	9.5		NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	10.0	10.0	0.0000	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',3,5'-TETRACHLOROBIPHENYL	9.1	5.6	10.0	38.5	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',3,5'-TETRACHLOROBIPHENYL	30.0	39.0	12.0	30.0	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,2',3,5'-TETRACHLOROBIPHENYL	110	63.0	12.0	42.7	**Out**	NA
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,2',3,5'-TETRACHLOROBIPHENYL	430	91.0	12.0	78.8	**Out**	NA
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,2',3,5'-TETRACHLOROBIPHENYL	310	160	12.0	48.4	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,2',3,5'-TETRACHLOROBIPHENYL	160	71.0	13.0	55.6	**Out**	NA
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',3,5'-TETRACHLOROBIPHENYL	110	41.0	13.0	62.7	NA	69.0000
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',3,5'-TETRACHLOROBIPHENYL	33.0	48.0	13.0	45.5	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',3,5'-TETRACHLOROBIPHENYL	24.0	12.0	13.0	50.0	NA	OK

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OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',3,5'-TETRACHLOROBIPHENYL	5.4	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	13.0	8.5	71.1	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	6.9	8.7	31.0	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	12.0	8.7	7.7	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,2',3,5'-TETRACHLOROBIPHENYL	15.0	18.0	8.8	20.0	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,2',3,5'-TETRACHLOROBIPHENYL	7.6	6.5	9.4	14.5	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,2',3,5'-TETRACHLOROBIPHENYL	4.8	15.0	9.5	213	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.9	12.0	10.0	34.8	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	16.0	9.3	10.0	41.9	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	36.0	37.0	12.0	2.8	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	89.0	48.0	12.0	46.1	NA	41.0000
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	250	47.0	12.0	81.2	NA	203.0000
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	150	87.0	12.0	42.0	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	140	58.0	13.0	58.6	NA	82.0000
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	100	41.0	13.0	59.0	NA	59.0000
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	37.0	64.0	13.0	73.0	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	30.0	23.0	13.0	23.3	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	2.7	ND	7.2	100	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	3.9	ND	7.4	100	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.3	13.0	8.5	78.1	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	6.4	8.7	41.8	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	15.0	12.0	8.7	20.0	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	15.0	14.0	8.8	6.7	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.0	6.5	9.4	27.8	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	4.9	19.0	9.5	288	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	13.0	10.0	8.3	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',4,5,5'-PENTACHLOROBIPHENYL	16.0	9.6	10.0	40.0	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',4,5,5'-PENTACHLOROBIPHENYL	44.0	49.0	12.0	11.4	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,2',4,5,5'-PENTACHLOROBIPHENYL	120	71.0	12.0	40.8	**Out**	NA
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,2',4,5,5'-PENTACHLOROBIPHENYL	420	87.0	12.0	79.3	**Out**	NA
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,2',4,5,5'-PENTACHLOROBIPHENYL	280	160	12.0	42.9	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,2',4,5,5'-PENTACHLOROBIPHENYL	180	86.0	13.0	52.2	**Out**	NA
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',4,5,5'-PENTACHLOROBIPHENYL	140	53.0	13.0	62.1	NA	87.0000
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',4,5,5'-PENTACHLOROBIPHENYL	45.0	71.0	13.0	57.8	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',4,5,5'-PENTACHLOROBIPHENYL	37.0	21.0	13.0	43.2	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,2',4,5,5'-PENTACHLOROBIPHENYL	3.3	ND	7.2	100	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,2',4,5,5'-PENTACHLOROBIPHENYL	3.7	ND	7.4	100	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',4,5,5'-PENTACHLOROBIPHENYL	10.0	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',4,5,5'-PENTACHLOROBIPHENYL	8.8	17.0	8.5	93.2	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',4,5,5'-PENTACHLOROBIPHENYL	14.0	9.0	8.7	35.7	NA	OK

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OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	16.0	10.0	45.5	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',5,5'-TETRACHLOROBIPHENYL	11.0	7.5	10.0	31.8	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',5,5'-TETRACHLOROBIPHENYL	44.0	53.0	12.0	20.5	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,2',5,5'-TETRACHLOROBIPHENYL	120	78.0	12.0	35.0	OK	NA
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,2',5,5'-TETRACHLOROBIPHENYL	460	100	12.0	78.3	**Out**	NA
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,2',5,5'-TETRACHLOROBIPHENYL	320	180	12.0	43.8	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,2',5,5'-TETRACHLOROBIPHENYL	180	88.0	13.0	51.1	**Out**	NA
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',5,5'-TETRACHLOROBIPHENYL	130	47.0	13.0	63.8	NA	83.0000
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',5,5'-TETRACHLOROBIPHENYL	39.0	58.0	13.0	48.7	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',5,5'-TETRACHLOROBIPHENYL	31.0	16.0	13.0	48.4	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,2',5,5'-TETRACHLOROBIPHENYL	3.4	ND	7.2	100	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,2',5,5'-TETRACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,2',5,5'-TETRACHLOROBIPHENYL	3.1	ND	7.4	100	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,2',5,5'-TETRACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',5,5'-TETRACHLOROBIPHENYL	7.5	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',5,5'-TETRACHLOROBIPHENYL	8.5	20.0	8.5	135	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	8.3	8.7	36.2	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,2',5,5'-TETRACHLOROBIPHENYL	15.0	15.0	8.7	0.0000	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,2',5,5'-TETRACHLOROBIPHENYL	17.0	20.0	8.8	17.6	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,2',5,5'-TETRACHLOROBIPHENYL	8.7	7.4	9.4	14.9	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,2',5,5'-TETRACHLOROBIPHENYL	5.7	28.0	9.5	391	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,2',5-TRICHLOROBIPHENYL	3.6	7.4	10.0	106	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,2',5-TRICHLOROBIPHENYL	5.0	ND	10.0	100	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,2',5-TRICHLOROBIPHENYL	16.0	23.0	12.0	43.8	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,2',5-TRICHLOROBIPHENYL	52.0	35.0	12.0	32.7	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,2',5-TRICHLOROBIPHENYL	200	47.0	12.0	76.5	NA	153.0000
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,2',5-TRICHLOROBIPHENYL	150	82.0	12.0	45.3	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,2',5-TRICHLOROBIPHENYL	87.0	39.0	13.0	55.2	NA	48.0000
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,2',5-TRICHLOROBIPHENYL	61.0	24.0	13.0	60.7	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,2',5-TRICHLOROBIPHENYL	17.0	22.0	13.0	29.4	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,2',5-TRICHLOROBIPHENYL	15.0	7.9	13.0	47.3	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,2',5-TRICHLOROBIPHENYL	3.8	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,2',5-TRICHLOROBIPHENYL	4.5	7.7	8.5	71.1	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,2',5-TRICHLOROBIPHENYL	4.9	6.0	8.7	22.4	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,2',5-TRICHLOROBIPHENYL	6.1	7.2	8.7	18.0	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,2',5-TRICHLOROBIPHENYL	8.1	13.0	8.8	60.5	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,2',5-TRICHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,2',5-TRICHLOROBIPHENYL	ND	13.0	9.5		NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK

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OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.5	NA	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,3',4,4',5-Pentachlorobiphenyl	11.0	14.0	10.0	27.3	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,3',4,4',5-Pentachlorobiphenyl	13.0	8.1	10.0	37.7	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,3',4,4',5-Pentachlorobiphenyl	44.0	41.0	12.0	6.8	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,3',4,4',5-Pentachlorobiphenyl	110	57.0	12.0	48.2	NA	53.0000
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,3',4,4',5-Pentachlorobiphenyl	340	67.0	12.0	80.3	**Out**	NA
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,3',4,4',5-Pentachlorobiphenyl	240	130	12.0	45.8	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,3',4,4',5-Pentachlorobiphenyl	170	68.0	13.0	60.0	**Out**	NA
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,3',4,4',5-Pentachlorobiphenyl	120	42.0	13.0	65.0	NA	78.0000
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,3',4,4',5-Pentachlorobiphenyl	35.0	56.0	13.0	60.0	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,3',4,4',5-Pentachlorobiphenyl	30.0	18.0	13.0	40.0	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,3',4,4',5-Pentachlorobiphenyl	2.8	ND	7.2	100	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,3',4,4',5-Pentachlorobiphenyl	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,3',4,4',5-Pentachlorobiphenyl	3.3	ND	7.4	100	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,3',4,4',5-Pentachlorobiphenyl	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,3',4,4',5-Pentachlorobiphenyl	7.7	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,3',4,4',5-Pentachlorobiphenyl	8.1	15.0	8.5	85.2	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,3',4,4',5-Pentachlorobiphenyl	12.0	7.7	8.7	35.8	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,3',4,4',5-Pentachlorobiphenyl	16.0	14.0	8.7	12.5	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,3',4,4',5-Pentachlorobiphenyl	17.0	16.0	8.8	5.9	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,3',4,4',5-Pentachlorobiphenyl	9.0	7.4	9.4	17.8	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,3',4,4',5-Pentachlorobiphenyl	5.3	19.0	9.5	258	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,3',4,4'-TETRACHLOROBIPHENYL	9.3	11.0	10.0	18.3	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	5.6	10.0	33.3	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,3',4,4'-TETRACHLOROBIPHENYL	42.0	38.0	12.0	9.5	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,3',4,4'-TETRACHLOROBIPHENYL	110	58.0	12.0	47.3	NA	52.0000
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,3',4,4'-TETRACHLOROBIPHENYL	430	82.0	12.0	80.9	**Out**	NA
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,3',4,4'-TETRACHLOROBIPHENYL	300	140	12.0	53.3	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,3',4,4'-TETRACHLOROBIPHENYL	140	59.0	13.0	57.9	NA	81.0000
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,3',4,4'-TETRACHLOROBIPHENYL	100	37.0	13.0	63.0	NA	63.0000
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,3',4,4'-TETRACHLOROBIPHENYL	30.0	39.0	13.0	30.0	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,3',4,4'-TETRACHLOROBIPHENYL	22.0	11.0	13.0	50.0	NA	OK

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OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,3',4,4'-TETRACHLOROBIPHENYL	5.2	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	13.0	8.5	68.8	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	8.4	8.7	30.0	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,3',4,4'-TETRACHLOROBIPHENYL	16.0	14.0	8.7	12.5	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,3',4,4'-TETRACHLOROBIPHENYL	18.0	19.0	8.8	5.6	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,3',4,4'-TETRACHLOROBIPHENYL	8.4	7.1	9.4	15.5	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,3',4,4'-TETRACHLOROBIPHENYL	5.4	16.0	9.5	196	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	5.1	10.0		NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,3,3',4,4',5'-Hexachlorobiphenyl	7.1	11.0	12.0	54.9	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,3,3',4,4',5'-Hexachlorobiphenyl	15.0	12.0	12.0	20.0	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,3,3',4,4',5'-Hexachlorobiphenyl	33.0	7.3	12.0	77.9	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,3,3',4,4',5'-Hexachlorobiphenyl	14.0	14.0	12.0	0.0000	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,3,3',4,4',5'-Hexachlorobiphenyl	15.0	11.0	13.0	26.7	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,3,3',4,4',5'-Hexachlorobiphenyl	15.0	5.7	13.0	62.0	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	12.0	13.0		NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	5.0	8.5		NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	8.7	NA	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	8.8	NA	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	7.7	9.5		NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK

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OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,3,3',4,4',5-Hexachlorobiphenyl	4.6	ND	10.0	100	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,3,3',4,4',5-Hexachlorobiphenyl	5.4	6.8	12.0	25.9	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,3,3',4,4',5-Hexachlorobiphenyl	17.0	8.2	12.0	51.8	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,3,3',4,4',5-Hexachlorobiphenyl	34.0	7.7	12.0	77.4	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,3,3',4,4',5-Hexachlorobiphenyl	27.0	14.0	12.0	48.1	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,3,3',4,4',5-Hexachlorobiphenyl	21.0	9.9	13.0	52.9	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,3,3',4,4',5-Hexachlorobiphenyl	14.0	5.9	13.0	57.9	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,3,3',4,4',5-Hexachlorobiphenyl	ND	7.9	13.0		NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,3,3',4,4',5-Hexachlorobiphenyl	3.3	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	8.7	NA	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	8.8	NA	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	9.5	NA	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,3,3',4,4'-PENTACHLOROBIPHENYL	5.1	8.6	10.0	68.6	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.0	3.8	10.0	45.7	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,3,3',4,4'-PENTACHLOROBIPHENYL	24.0	23.0	12.0	4.2	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,3,3',4,4'-PENTACHLOROBIPHENYL	58.0	31.0	12.0	46.6	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,3,3',4,4'-PENTACHLOROBIPHENYL	200	38.0	12.0	81.0	NA	162.0000
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,3,3',4,4'-PENTACHLOROBIPHENYL	130	73.0	12.0	43.8	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,3,3',4,4'-PENTACHLOROBIPHENYL	90.0	38.0	13.0	57.8	NA	52.0000
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,3,3',4,4'-PENTACHLOROBIPHENYL	57.0	20.0	13.0	64.9	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,3,3',4,4'-PENTACHLOROBIPHENYL	17.0	27.0	13.0	58.8	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,3,3',4,4'-PENTACHLOROBIPHENYL	14.0	8.0	13.0	42.9	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,3,3',4,4'-PENTACHLOROBIPHENYL	4.4	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,3,3',4,4'-PENTACHLOROBIPHENYL	4.0	8.6	8.5	115	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.7	4.0	8.7	40.3	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,3,3',4,4'-PENTACHLOROBIPHENYL	8.5	10.0	8.7	17.6	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.9	11.0	8.8	11.1	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,3,3',4,4'-PENTACHLOROBIPHENYL	5.1	ND	9.4	100	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	9.7	9.5		NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	12.0	NA	NA	OK

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OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	13.0	NA	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	13.0	NA	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	8.7	NA	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	8.8	NA	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	9.5	NA	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,4'-DICHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,4'-DICHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,4'-DICHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,4'-DICHLOROBIPHENYL	15.0	6.8	12.0	54.7	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,4'-DICHLOROBIPHENYL	36.0	7.3	12.0	79.7	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,4'-DICHLOROBIPHENYL	22.0	9.3	12.0	57.7	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,4'-DICHLOROBIPHENYL	12.0	6.5	13.0	45.8	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,4'-DICHLOROBIPHENYL	11.0	ND	13.0	100	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,4'-DICHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	2,4'-DICHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	2,4'-DICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	2,4'-DICHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	2,4'-DICHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	2,4'-DICHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,4'-DICHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,4'-DICHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,4'-DICHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,4'-DICHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,4'-DICHLOROBIPHENYL	ND	6.0	8.8		NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,4'-DICHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,4'-DICHLOROBIPHENYL	ND	ND	9.5	NA	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	2,4,4'-TRICHLOROBIPHENYL	4.0	4.3	10.0	7.5	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	2,4,4'-TRICHLOROBIPHENYL	4.5	ND	10.0	100	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	2,4,4'-TRICHLOROBIPHENYL	18.0	17.0	12.0	5.6	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	2,4,4'-TRICHLOROBIPHENYL	55.0	31.0	12.0	43.6	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	2,4,4'-TRICHLOROBIPHENYL	200	38.0	12.0	81.0	NA	162.0000
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	2,4,4'-TRICHLOROBIPHENYL	150	76.0	12.0	49.3	**Out**	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	2,4,4'-TRICHLOROBIPHENYL	76.0	32.0	13.0	57.9	NA	44.0000
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	2,4,4'-TRICHLOROBIPHENYL	55.0	17.0	13.0	69.1	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	2,4,4'-TRICHLOROBIPHENYL	16.0	21.0	13.0	31.3	NA	OK

Attachment 2 - Field Replicate Results for Outfall Area Sediment Samples
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OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	2,4,4'-TRICHLOROBIPHENYL	3.5	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	2,4,4'-TRICHLOROBIPHENYL	4.1	5.9	8.5	43.9	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	2,4,4'-TRICHLOROBIPHENYL	5.9	3.9	8.7	33.9	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	2,4,4'-TRICHLOROBIPHENYL	7.4	7.2	8.7	2.7	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	2,4,4'-TRICHLOROBIPHENYL	8.7	12.0	8.8	37.9	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	2,4,4'-TRICHLOROBIPHENYL	4.1	ND	9.4	100	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	2,4,4'-TRICHLOROBIPHENYL	ND	7.0	9.5		NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	5.0	ND	12.0	100	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	4.0	ND	12.0	100	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	5.0	ND	12.0	100	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	4.5	ND	13.0	100	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	4.4	ND	13.0	100	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.5	NA	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	3,3',4,4',5-PENTACHLOROBIPHENYL	6.7	3.7	10.0	44.8	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	3,3',4,4',5-PENTACHLOROBIPHENYL	8.4	ND	10.0	100	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	3,3',4,4',5-PENTACHLOROBIPHENYL	6.3	6.9	12.0	9.5	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	3,3',4,4',5-PENTACHLOROBIPHENYL	15.0	6.9	12.0	54.0	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	6.1	12.0	39.0	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	3,3',4,4',5-PENTACHLOROBIPHENYL	10.0	10.0	12.0	0.0000	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	3,3',4,4',5-PENTACHLOROBIPHENYL	6.3	ND	13.0	100	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	3,3',4,4',5-PENTACHLOROBIPHENYL	24.0	29.0	13.0	20.8	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	3,3',4,4',5-PENTACHLOROBIPHENYL	23.0	16.0	13.0	30.4	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	3,3',4,4',5-PENTACHLOROBIPHENYL	18.0	4.9	13.0	72.8	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	6.3	8.5		NA	OK

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OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	3,3',4,4'-TETRACHLOROBIPHENYL	7.0	6.6	12.0	5.7	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	3,3',4,4'-TETRACHLOROBIPHENYL	19.0	8.3	12.0	56.3	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	3,3',4,4'-TETRACHLOROBIPHENYL	53.0	10.0	12.0	81.1	NA	43.0000
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	3,3',4,4'-TETRACHLOROBIPHENYL	38.0	19.0	12.0	50.0	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	3,3',4,4'-TETRACHLOROBIPHENYL	21.0	9.1	13.0	56.7	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	3,3',4,4'-TETRACHLOROBIPHENYL	17.0	5.8	13.0	65.9	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	3,3',4,4'-TETRACHLOROBIPHENYL	4.9	6.7	13.0	36.7	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	3,3',4,4'-TETRACHLOROBIPHENYL	ND	4.2	9.5		NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	3,4,4',5-TETRACHLOROBIPHENYL	34.0	ND	12.0	100	NA	OK
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.0	NA	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.7	NA	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	9.4	NA	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	9.5	NA	NA	OK
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	PCB-138/158	9.0	13.0	10.0	44.4	NA	OK
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	PCB-138/158	16.0	8.6	10.0	46.3	NA	OK

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OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	PCB-138/158	110	43.0	13.0	60.9	NA	67.0000
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	PCB-138/158	37.0	63.0	13.0	70.3	NA	OK
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	PCB-138/158	34.0	23.0	13.0	32.4	NA	OK
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	PCB-138/158	ND	ND	7.2	NA	NA	OK
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	PCB-138/158	ND	ND	7.3	NA	NA	OK
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	PCB-138/158	ND	ND	7.4	NA	NA	OK
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	PCB-138/158	ND	ND	7.5	NA	NA	OK
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	PCB-138/158	10.0	ND	8.0	100	NA	OK
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	PCB-138/158	7.7	15.0	8.5	94.8	NA	OK
OA0501200903 / OA0502200903	091113822 / 091114772	PCB-138/158	12.0	6.6	8.7	45.0	NA	OK
OA0501200905 / OA0502200905	091113823 / 091114773	PCB-138/158	15.0	12.0	8.7	20.0	NA	OK
OA0501200907 / OA0502200907	091113824 / 091114774	PCB-138/158	16.0	15.0	8.8	6.3	NA	OK
OA0501200901 / OA0502200901	091113821 / 091114771	PCB-138/158	9.4	ND	9.4	100	NA	OK
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	PCB-138/158	ND	20.0	9.5		NA	OK

Location OA05 **Analysis** SW9060

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA0501200969-71 / OA0502200969-71	0911138256 / 0911147756	Total Organic Carbon	2.6	0.71	0.072	72.7	Out	NA
OA0501200965-67 / OA0502200965-67	0911138255 / 0911147755	Total Organic Carbon	1.9	0.92	0.073	51.6	Out	NA
OA0501200961-63 / OA0502200961-63	0911138254 / 0911147754	Total Organic Carbon	2.0	1.1	0.074	45.0	Out	NA
OA0501200973-75 / OA0502200973-75	0911138257 / 0911147757	Total Organic Carbon	2.3	0.99	0.075	57.0	Out	NA
OA0501200957-59 / OA0502200957-59	0911138253 / 0911147753	Total Organic Carbon	2.2	1.3	0.080	40.9	Out	NA
OA0501200909-11 / OA0502200909-11	0911138241 / 0911147741	Total Organic Carbon	5.3	2.6	0.085	50.9	Out	NA
OA0501200903 / OA0502200903	091113822 / 091114772	Total Organic Carbon	2.9	1.8	0.087	37.9	OK	NA
OA0501200905 / OA0502200905	091113823 / 091114773	Total Organic Carbon	4.7	2.0	0.087	57.4	Out	NA
OA0501200907 / OA0502200907	091113824 / 091114774	Total Organic Carbon	4.7	1.9	0.088	59.6	Out	NA
OA0501200901 / OA0502200901	091113821 / 091114771	Total Organic Carbon	3.8	1.9	0.094	50.0	Out	NA
OA0501200913-15 / OA0502200913-15	0911138242 / 0911147742	Total Organic Carbon	6.4	3.2	0.095	50.0	Out	NA
OA0501200917-19 / OA0502200917-19	0911138243 / 0911147743	Total Organic Carbon	6.5	3.8	0.10	41.5	Out	NA
OA0501200953-55 / OA0502200953-55	0911138252 / 0911147752	Total Organic Carbon	6.0	1.8	0.10	70.0	Out	NA
OA0501200921-23 / OA0502200921-23	0911138244 / 0911147744	Total Organic Carbon	7.7	3.6	0.12	53.2	Out	NA
OA0501200925-27 / OA0502200925-27	0911138245 / 0911147745	Total Organic Carbon	6.2	5.2	0.12	16.1	OK	NA
OA0501200929-31 / OA0502200929-31	0911138246 / 0911147746	Total Organic Carbon	6.4	5.5	0.12	14.1	OK	NA
OA0501200933-35 / OA0502200933-35	0911138247 / 0911147747	Total Organic Carbon	9.5	6.3	0.12	33.7	OK	NA
OA0501200937-39 / OA0502200937-39	0911138248 / 0911147748	Total Organic Carbon	13.0	5.6	0.13	56.9	Out	NA
OA0501200941-43 / OA0502200941-43	0911138249 / 0911147749	Total Organic Carbon	9.1	5.6	0.13	38.5	OK	NA
OA0501200945-47 / OA0502200945-47	0911138250 / 0911147750	Total Organic Carbon	10.0	5.1	0.13	49.0	Out	NA
OA0501200949-51 / OA0502200949-51	0911138251 / 0911147751	Total Organic Carbon	11.0	3.3	0.13	70.0	Out	NA

Location OA07 **Analysis** BNASIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check

Attachment 2 - Field Replicate Results for Outfall Area Sediment Samples
Pre-Design Investigation
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
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OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	1,1-bis(p-chlorophenyl)ethane	14.0	4.9	7.0	65.0	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	1,1-bis(p-chlorophenyl)ethane	17.0	140	7.1	724	NA	123.0000
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	1,1-bis(p-chlorophenyl)ethane	27.0	12.0	7.2	55.6	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	1,1-bis(p-chlorophenyl)ethane	13.0	6.7	7.2	48.5	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	1,1-bis(p-chlorophenyl)ethane	47.0	21.0	7.6	55.3	NA	26.0000
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	1,1-bis(p-chlorophenyl)ethane	110	510	7.9	364	**Out**	NA
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	1,1-bis(p-chlorophenyl)ethane	460	970	9.7	111	**Out**	NA
OA0701200903 / OA0702200903	091114792 / 091114802	1,1-bis(p-chlorophenyl)ethane	99.0	65.0	9.9	34.3	OK	NA
OA0701200901 / OA0702200901	091114791 / 091114801	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	400	430	11.0	7.5	OK	NA
OA0701200905 / OA0702200905	091114793 / 091114803	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1700	650	120	61.8	**Out**	NA
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	2600	3000	120	15.4	OK	NA
OA0701200907 / OA0702200907	091114794 / 091114804	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	4800	790	130	83.5	**Out**	NA
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	2100	3400	560	61.9	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	87.0	11.0	7.0	87.4	NA	76.0000
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	46.0	330	7.1	617	**Out**	NA
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	90.0	31.0	7.2	65.6	NA	59.0000
OA0701200941 / OA0702200941	0911147921 / 0911148029	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	43.0	32.0	7.2	25.6	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	240	95.0	7.6	60.4	**Out**	NA
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	300	1300	7.9	333	**Out**	NA
OA0701200903 / OA0702200903	091114792 / 091114802	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	510	480	9.9	5.9	OK	NA
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	840	2400	97.0	186	**Out**	NA
OA0701200901 / OA0702200901	091114791 / 091114801	o,p'-DDD	38.0	39.0	11.0	2.6	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	o,p'-DDD	300	280	11.0	6.7	OK	NA
OA0701200905 / OA0702200905	091114793 / 091114803	o,p'-DDD	140	86.0	12.0	38.6	OK	NA
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	o,p'-DDD	130	130	12.0	0.0000	OK	NA
OA0701200907 / OA0702200907	091114794 / 091114804	o,p'-DDD	290	190	13.0	34.5	OK	NA
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	o,p'-DDD	4.8	ND	7.0	100	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	o,p'-DDD	4.6	63.0	7.1	1270	NA	58.4000
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	o,p'-DDD	4.0	5.8	7.2	45.0	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	o,p'-DDD	3.5	ND	7.2	100	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	o,p'-DDD	17.0	5.0	7.6	70.6	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	o,p'-DDD	33.0	190	7.9	476	NA	157.0000
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	o,p'-DDD	220	400	9.7	81.8	**Out**	NA
OA0701200903 / OA0702200903	091114792 / 091114802	o,p'-DDD	99.0	45.0	9.9	54.5		OK
OA0701200901 / OA0702200901	091114791 / 091114801	o,p'-DDE	220	210	11.0	4.5	OK	NA
OA0701200905 / OA0702200905	091114793 / 091114803	o,p'-DDE	590	370	12.0	37.3	OK	NA
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	o,p'-DDE	1100	1000	12.0	9.1	OK	NA
OA0701200907 / OA0702200907	091114794 / 091114804	o,p'-DDE	1800	510	130	71.7	**Out**	NA
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	o,p'-DDE	1400	1500	560	7.1	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	o,p'-DDE	30.0	5.7	7.0	81.0	NA	24.3000
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	o,p'-DDE	22.0	200	7.1	809	NA	178.0000
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	o,p'-DDE	29.0	19.0	7.2	34.5	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	o,p'-DDE	22.0	11.0	7.2	50.0	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	o,p'-DDE	79.0	30.0	7.6	62.0	NA	49.0000

Attachment 2 - Field Replicate Results for Outfall Area Sediment Samples
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Los Angeles County, California

OA0701200905 / OA0702200905	091114793 / 091114803	o,p'-DDT	13.0	29.0	12.0	123	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	o,p'-DDT	14.0	ND	12.0	100	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	o,p'-DDT	17.0	13.0	13.0	23.5	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	o,p'-DDT	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	o,p'-DDT	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	o,p'-DDT	ND	8.1	7.2		NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	o,p'-DDT	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	o,p'-DDT	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	o,p'-DDT	ND	13.0	7.9		NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	o,p'-DDT	15.0	24.0	9.7	60.0	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	o,p'-DDT	7.8	12.0	9.9	53.8	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	p,p'-DDD	590	140	11.0	76.3	**Out**	NA
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	p,p'-DDD	860	3900	12.0	353	**Out**	NA
OA0701200905 / OA0702200905	091114793 / 091114803	p,p'-DDD	2000	710	120	64.5	**Out**	NA
OA0701200907 / OA0702200907	091114794 / 091114804	p,p'-DDD	1200	1300	130	8.3	OK	NA
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	p,p'-DDD	2700	1400	560	48.1	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	p,p'-DDD	18.0	ND	7.0	100	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	p,p'-DDD	15.0	260	7.1	1630	NA	245.0000
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	p,p'-DDD	43.0	22.0	7.2	48.8	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	p,p'-DDD	12.0	6.4	7.2	46.7	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	p,p'-DDD	99.0	47.0	7.6	52.5	**Out**	NA
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	p,p'-DDD	180	760	7.9	322	**Out**	NA
OA0701200903 / OA0702200903	091114792 / 091114802	p,p'-DDD	970	210	9.9	78.4	**Out**	NA
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	p,p'-DDD	1900	5700	97.0	200	**Out**	NA
OA0701200901 / OA0702200901	091114791 / 091114801	p,p'-DDE	1100	960	11.0	12.7	OK	NA
OA0701200905 / OA0702200905	091114793 / 091114803	p,p'-DDE	2500	1900	120	24.0	OK	NA
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	p,p'-DDE	4800	4500	120	6.3	OK	NA
OA0701200907 / OA0702200907	091114794 / 091114804	p,p'-DDE	7800	3300	130	57.7	**Out**	NA
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	p,p'-DDE	800	4500	39.0	463	**Out**	NA
OA0701200903 / OA0702200903	091114792 / 091114802	p,p'-DDE	1800	1200	49.0	33.3	OK	NA
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	p,p'-DDE	11000	8100	560	26.4	OK	NA
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	p,p'-DDE	110	32.0	7.0	70.9	NA	78.0000
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	p,p'-DDE	120	1200	7.1	900	**Out**	NA
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	p,p'-DDE	160	90.0	7.2	43.8	**Out**	NA
OA0701200941 / OA0702200941	0911147921 / 0911148029	p,p'-DDE	99.0	50.0	7.2	49.5	**Out**	NA
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	p,p'-DDE	340	140	7.6	58.8	**Out**	NA
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	p,p'-DDE	4900	12000	97.0	145	**Out**	NA
OA0701200901 / OA0702200901	091114791 / 091114801	p,p'-DDT	35.0	98.0	11.0	180	NA	63.0000
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	p,p'-DDT	110	190	11.0	72.7	**Out**	NA
OA0701200905 / OA0702200905	091114793 / 091114803	p,p'-DDT	190	780	12.0	311	**Out**	NA
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	p,p'-DDT	41.0	80.0	12.0	95.1	NA	39.0000
OA0701200907 / OA0702200907	091114794 / 091114804	p,p'-DDT	37.0	21.0	13.0	43.2	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	p,p'-DDT	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	p,p'-DDT	ND	5.9	7.1		NA	OK

Attachment 2 - Field Replicate Results for Outfall Area Sediment Samples
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Los Angeles County, California

OA0701200903 / OA0702200903	091114792 / 091114802	p,p'-DDT	92.0	58.0	9.9	37.0	OK	NA

Location OA07 **Analysis** D2216

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA0701200901 / OA0702200901	091114791 / 091114801	Moisture	53.6	58.9	0.10	9.9	OK	NA
OA0701200903 / OA0702200903	091114792 / 091114802	Moisture	49.3	44.5	0.10	9.7	OK	NA
OA0701200905 / OA0702200905	091114793 / 091114803	Moisture	56.7	45.8	0.10	19.2	OK	NA
OA0701200907 / OA0702200907	091114794 / 091114804	Moisture	62.3	48.7	0.10	21.8	OK	NA
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	Moisture	58.0	51.5	0.10	11.2	OK	NA
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	Moisture	55.7	57.9	0.10	3.9	OK	NA
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	Moisture	48.7	58.2	0.10	19.5	OK	NA
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	Moisture	36.5	44.2	0.10	21.1	OK	NA
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	Moisture	29.3	35.4	0.10	20.8	OK	NA
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	Moisture	34.2	31.0	0.10	9.4	OK	NA
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	Moisture	30.7	28.0	0.10	8.8	OK	NA
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	Moisture	28.7	28.6	0.10	0.35	OK	NA
OA0701200941 / OA0702200941	0911147921 / 0911148029	Moisture	30.5	29.7	0.10	2.6	OK	NA

Location OA07 **Analysis** PCBSIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA0701200901 / OA0702200901	091114791 / 091114801	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2',3,4,4',5-PENTACHLOROBIPHENYL	7.5	ND	11.0	100	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2',3,4,4',5-PENTACHLOROBIPHENYL	7.1	5.3	12.0	25.4	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2',3,4,4',5-PENTACHLOROBIPHENYL	5.9	6.8	12.0	15.3	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2',3,4,4',5-PENTACHLOROBIPHENYL	19.0	6.4	13.0	66.3	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	2.8	7.1		NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	3.1	7.2		NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	8.2	7.9		NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2',3,4,4',5-PENTACHLOROBIPHENYL	3.4	13.0	9.7	282	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	5.0	11.0		NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	5.8	12.0		NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK

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OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	6.1	ND	13.0	100	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK

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OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.4	8.0	12.0	14.9	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	22.0	7.0	13.0	68.2	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	5.2	7.9		NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	4.8	15.0	9.7	213	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	5.4	ND	9.9	100	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.0	6.3	11.0	30.0	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	10.0	6.9	12.0	31.0	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.7	8.6	12.0	1.1	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	26.0	7.0	13.0	73.1	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	2.7	4.1	7.9	51.9	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	4.9	11.0	9.7	124	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	5.1	ND	9.9	100	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.4	8.3	11.0	11.7	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.7	5.4	12.0	37.9	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	11.0	8.9	12.0	19.1	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	24.0	5.6	13.0	76.7	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	4.7	7.9		NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	5.0	15.0	9.7	200	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	5.3	ND	9.9	100	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	5.0	5.2	11.0	4.0	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	18.0	15.0	11.0	16.7	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	15.0	9.9	12.0	34.0	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	20.0	16.0	12.0	20.0	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	45.0	12.0	13.0	73.3	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	4.3	7.1		NA	OK

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OA0701200901 / OA0702200901	091114791 / 091114801	2,2',3,5'-TETRACHLOROBIPHENYL	8.5	7.5	11.0	11.8	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,2',3,5'-TETRACHLOROBIPHENYL	25.0	31.0	11.0	24.0	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,2',3,5'-TETRACHLOROBIPHENYL	28.0	13.0	12.0	53.6	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',3,5'-TETRACHLOROBIPHENYL	45.0	35.0	12.0	22.2	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,2',3,5'-TETRACHLOROBIPHENYL	110	15.0	13.0	86.4	NA	95.0000
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,2',3,5'-TETRACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,2',3,5'-TETRACHLOROBIPHENYL	ND	7.1	7.1		NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,2',3,5'-TETRACHLOROBIPHENYL	ND	4.4	7.2		NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,2',3,5'-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,2',3,5'-TETRACHLOROBIPHENYL	3.4	ND	7.6	100	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,2',3,5'-TETRACHLOROBIPHENYL	4.7	13.0	7.9	177	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,2',3,5'-TETRACHLOROBIPHENYL	16.0	52.0	9.7	225	NA	36.0000
OA0701200903 / OA0702200903	091114792 / 091114802	2,2',3,5'-TETRACHLOROBIPHENYL	16.0	6.3	9.9	60.6	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	10.0	11.0	16.7	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	34.0	32.0	11.0	5.9	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	31.0	22.0	12.0	29.0	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	42.0	33.0	12.0	21.4	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	92.0	19.0	13.0	79.3	NA	73.0000
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	8.9	7.1		NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	4.6	ND	7.6	100	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.1	19.0	7.9	211	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	21.0	60.0	9.7	186	NA	39.0000
OA0701200903 / OA0702200903	091114792 / 091114802	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	19.0	8.7	9.9	54.2	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,2',4,5,5'-PENTACHLOROBIPHENYL	13.0	11.0	11.0	15.4	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,2',4,5,5'-PENTACHLOROBIPHENYL	41.0	42.0	11.0	2.4	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,2',4,5,5'-PENTACHLOROBIPHENYL	38.0	25.0	12.0	34.2	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',4,5,5'-PENTACHLOROBIPHENYL	57.0	45.0	12.0	21.1	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,2',4,5,5'-PENTACHLOROBIPHENYL	120	23.0	13.0	80.8	NA	97.0000
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	12.0	7.1		NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	3.8	7.2		NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,2',4,5,5'-PENTACHLOROBIPHENYL	5.1	2.7	7.6	47.1	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	21.0	7.9	192	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,2',4,5,5'-PENTACHLOROBIPHENYL	24.0	76.0	9.7	217	NA	52.0000
OA0701200903 / OA0702200903	091114792 / 091114802	2,2',4,5,5'-PENTACHLOROBIPHENYL	23.0	10.0	9.9	56.5	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	10.0	11.0	11.1	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,2',5,5'-TETRACHLOROBIPHENYL	35.0	42.0	11.0	20.0	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,2',5,5'-TETRACHLOROBIPHENYL	34.0	19.0	12.0	44.1	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',5,5'-TETRACHLOROBIPHENYL	56.0	48.0	12.0	14.3	NA	OK

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OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,2',5,5'-TETRACHLOROBIPHENYL	7.4	18.0	7.9	143	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,2',5,5'-TETRACHLOROBIPHENYL	24.0	69.0	9.7	188	NA	45.0000
OA0701200903 / OA0702200903	091114792 / 091114802	2,2',5,5'-TETRACHLOROBIPHENYL	20.0	9.1	9.9	54.5	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,2',5-TRICHLOROBIPHENYL	4.1	ND	11.0	100	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,2',5-TRICHLOROBIPHENYL	13.0	16.0	11.0	23.1	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,2',5-TRICHLOROBIPHENYL	14.0	11.0	12.0	21.4	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,2',5-TRICHLOROBIPHENYL	20.0	19.0	12.0	5.0	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,2',5-TRICHLOROBIPHENYL	75.0	16.0	13.0	78.7	NA	59.0000
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,2',5-TRICHLOROBIPHENYL	ND	4.5	7.1		NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,2',5-TRICHLOROBIPHENYL	ND	3.2	7.2		NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,2',5-TRICHLOROBIPHENYL	3.3	8.0	7.9	142	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,2',5-TRICHLOROBIPHENYL	10.0	26.0	9.7	160	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,2',5-TRICHLOROBIPHENYL	11.0	3.5	9.9	68.2	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,3',4,4',5-Pentachlorobiphenyl	11.0	10.0	11.0	9.1	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,3',4,4',5-Pentachlorobiphenyl	31.0	31.0	11.0	0.0000	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,3',4,4',5-Pentachlorobiphenyl	37.0	22.0	12.0	40.5	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,3',4,4',5-Pentachlorobiphenyl	44.0	38.0	12.0	13.6	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,3',4,4',5-Pentachlorobiphenyl	110	24.0	13.0	78.2	NA	86.0000
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,3',4,4',5-Pentachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,3',4,4',5-Pentachlorobiphenyl	ND	8.7	7.1		NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,3',4,4',5-Pentachlorobiphenyl	ND	3.8	7.2		NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,3',4,4',5-Pentachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,3',4,4',5-Pentachlorobiphenyl	4.0	ND	7.6	100	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,3',4,4',5-Pentachlorobiphenyl	5.7	16.0	7.9	181	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,3',4,4',5-Pentachlorobiphenyl	18.0	56.0	9.7	211	NA	38.0000
OA0701200903 / OA0702200903	091114792 / 091114802	2,3',4,4',5-Pentachlorobiphenyl	19.0	8.6	9.9	54.7	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,3',4,4'-TETRACHLOROBIPHENYL	9.5	9.8	11.0	3.2	NA	OK

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OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,3',4,4'-TETRACHLOROBIPHENYL	ND	3.3	7.2		NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,3',4,4'-TETRACHLOROBIPHENYL	3.4	ND	7.6	100	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,3',4,4'-TETRACHLOROBIPHENYL	4.3	13.0	7.9	202	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,3',4,4'-TETRACHLOROBIPHENYL	15.0	41.0	9.7	173	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,3',4,4'-TETRACHLOROBIPHENYL	17.0	7.1	9.9	58.2	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,3,3',4,4',5'-Hexachlorobiphenyl	5.7	5.8	11.0	1.8	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	3.5	12.0	70.8	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,3,3',4,4',5'-Hexachlorobiphenyl	7.4	9.1	12.0	23.0	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,3,3',4,4',5'-Hexachlorobiphenyl	12.0	3.7	13.0	69.2	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	4.2	7.9		NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	12.0	9.7		NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,3,3',4,4',5'-Hexachlorobiphenyl	4.9	ND	9.9	100	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,3,3',4,4',5-Hexachlorobiphenyl	5.2	ND	11.0	100	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,3,3',4,4',5-Hexachlorobiphenyl	7.5	5.4	12.0	28.0	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,3,3',4,4',5-Hexachlorobiphenyl	36.0	ND	13.0	100	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	15.0	NA	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	18.0	NA	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.9	NA	NA	OK

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OA0701200907 / OA0702200907	091114794 / 091114804	2,3,3',4,4'-PENTACHLOROBIPHENYL	61.0	10.0	13.0	83.6	NA	51.0000
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	4.3	7.1		NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	8.3	7.9		NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,3,3',4,4'-PENTACHLOROBIPHENYL	10.0	27.0	9.7	170	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	5.0	9.9	58.3	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	11.0	NA	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	12.0	NA	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	12.0	NA	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	13.0	NA	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,3,4,4',5-Pentachlorobiphenyl	ND	8.2	7.9		NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	9.7	NA	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	9.9	NA	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,4'-DICHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,4'-DICHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,4'-DICHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,4'-DICHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,4'-DICHLOROBIPHENYL	14.0	ND	13.0	100	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,4'-DICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,4'-DICHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,4'-DICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	2,4'-DICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	2,4'-DICHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	2,4'-DICHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	2,4'-DICHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	2,4'-DICHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	2,4,4'-TRICHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	2,4,4'-TRICHLOROBIPHENYL	11.0	13.0	11.0	18.2	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	2,4,4'-TRICHLOROBIPHENYL	15.0	6.8	12.0	54.7	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	2,4,4'-TRICHLOROBIPHENYL	19.0	14.0	12.0	26.3	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	2,4,4'-TRICHLOROBIPHENYL	64.0	7.3	13.0	88.6	NA	56.7000
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	2,4,4'-TRICHLOROBIPHENYL	ND	3.0	7.1		NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	2,4,4'-TRICHLOROBIPHENYL	ND	2.5	7.2		NA	OK

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OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	13.0	NA	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	3,3',4,4',5-PENTACHLOROBIPHENYL	28.0	7.7	11.0	72.5	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	3,3',4,4',5-PENTACHLOROBIPHENYL	85.0	7.1	12.0	91.6	NA	77.9000
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	3,3',4,4',5-PENTACHLOROBIPHENYL	8.8	6.4	12.0	27.3	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	3,3',4,4',5-PENTACHLOROBIPHENYL	13.0	5.5	13.0	57.7	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	3.0	7.1		NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	2.5	7.2		NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	17.0	7.9		NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	3,3',4,4',5-PENTACHLOROBIPHENYL	4.8	4.3	9.7	10.4	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	3,3',4,4',5-PENTACHLOROBIPHENYL	6.0	3.1	9.9	48.3	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	3,3',4,4'-TETRACHLOROBIPHENYL	ND	3.9	12.0		NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	3,3',4,4'-TETRACHLOROBIPHENYL	6.0	6.2	12.0	3.3	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	3,3',4,4'-TETRACHLOROBIPHENYL	16.0	3.7	13.0	76.9	NA	OK
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	3,3',4,4'-TETRACHLOROBIPHENYL	ND	6.6	9.7		NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK

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OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA0701200903 / OA0702200903	091114792 / 091114802	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA0701200901 / OA0702200901	091114791 / 091114801	PCB-138/158	11.0	10.0	11.0	9.1	NA	OK
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	PCB-138/158	37.0	33.0	11.0	10.8	NA	OK
OA0701200905 / OA0702200905	091114793 / 091114803	PCB-138/158	34.0	22.0	12.0	35.3	NA	OK
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	PCB-138/158	45.0	34.0	12.0	24.4	NA	OK
OA0701200907 / OA0702200907	091114794 / 091114804	PCB-138/158	96.0	19.0	13.0	80.2	NA	77.0000
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	PCB-138/158	ND	ND	7.0	NA	NA	OK
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	PCB-138/158	ND	8.8	7.1		NA	OK
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	PCB-138/158	ND	ND	7.2	NA	NA	OK
OA0701200941 / OA0702200941	0911147921 / 0911148029	PCB-138/158	ND	ND	7.2	NA	NA	OK
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	PCB-138/158	ND	ND	7.6	NA	NA	OK
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	PCB-138/158	6.1	20.0	7.9	228	NA	OK
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	PCB-138/158	21.0	64.0	9.7	205	NA	43.0000
OA0701200903 / OA0702200903	091114792 / 091114802	PCB-138/158	19.0	8.9	9.9	53.2	NA	OK

Location OA07 **Analysis** SW9060

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA0701200937-39 / OA0702200937-39	0911147929 / 0911148028	Total Organic Carbon	1.4	1.6	0.070	14.3	OK	NA
OA0701200925-27 / OA0702200925-27	0911147926 / 0911148025	Total Organic Carbon	1.6	2.7	0.071	68.8	**Out**	NA
OA0701200933-35 / OA0702200933-35	0911147928 / 0911148027	Total Organic Carbon	1.7	1.6	0.072	5.9	OK	NA
OA0701200941 / OA0702200941	0911147921 / 0911148029	Total Organic Carbon	1.6	1.6	0.072	0.0000	OK	NA
OA0701200929-31 / OA0702200929-31	0911147927 / 0911148026	Total Organic Carbon	2.1	1.7	0.076	19.0	OK	NA
OA0701200921-23 / OA0702200921-23	0911147925 / 0911148024	Total Organic Carbon	2.3	4.1	0.079	78.3	**Out**	NA
OA0701200917-19 / OA0702200917-19	0911147924 / 0911148023	Total Organic Carbon	4.6	5.9	0.097	28.3	OK	NA
OA0701200903 / OA0702200903	091114792 / 091114802	Total Organic Carbon	4.0	4.2	0.099	5.0	OK	NA
OA0701200901 / OA0702200901	091114791 / 091114801	Total Organic Carbon	3.1	3.6	0.11	16.1	OK	NA
OA0701200913-15 / OA0702200913-15	0911147923 / 0911148022	Total Organic Carbon	8.0	6.5	0.11	18.8	OK	NA
OA0701200905 / OA0702200905	091114793 / 091114803	Total Organic Carbon	6.7	3.7	0.12	44.8	**Out**	NA
OA0701200909-11 / OA0702200909-11	0911147922 / 0911148021	Total Organic Carbon	5.8	6.3	0.12	8.6	OK	NA
OA0701200907 / OA0702200907	091114794 / 091114804	Total Organic Carbon	7.8	4.4	0.13	43.6	**Out**	NA

Location OA10 **Analysis** BNASIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1001200901 / OA1002200901	091116101 / 091114821	1,1-bis(p-chlorophenyl)ethane	15.0	27.0	10.0	80.0	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	1,1-bis(p-chlorophenyl)ethane	17.0	130	6.9	665	NA	113.0000
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	1,1-bis(p-chlorophenyl)ethane	ND	16.0	6.9		NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	1,1-bis(p-chlorophenyl)ethane	ND	42.0	7.0		NA	42.0000
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	1,1-bis(p-chlorophenyl)ethane	40.0	210	7.1	425	**Out**	NA

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OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	38.0	380	6.9	900	**Out**	NA
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	4.4	46.0	6.9	945	NA	41.6000
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	5.1	160	7.0	3040	NA	154.9000
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	130	410	7.1	215	**Out**	NA
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	450	1100	7.5	144	**Out**	NA
OA1001200905 / OA1002200905	091116103 / 091114823	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	700	300	8.6	57.1	**Out**	NA
OA1001200903 / OA1002200903	091116102 / 091114822	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	340	180	8.9	47.1	**Out**	NA
OA1001200907 / OA1002200907	091116104 / 091114824	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1700	310	85.0	81.8	**Out**	NA
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1700	370	85.0	78.2	**Out**	NA
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	2200	510	88.0	76.8	**Out**	NA
OA1001200901 / OA1002200901	091116101 / 091114821	o,p'-DDD	12.0	12.0	10.0	0.0000	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	o,p'-DDD	ND	36.0	6.9		NA	36.0000
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	o,p'-DDD	ND	4.0	6.9		NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	o,p'-DDD	ND	12.0	7.0		NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	o,p'-DDD	7.4	67.0	7.1	805	NA	59.6000
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	o,p'-DDD	41.0	94.0	7.5	129	**Out**	NA
OA1001200907 / OA1002200907	091116104 / 091114824	o,p'-DDD	120	34.0	8.5	71.7	NA	86.0000
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	o,p'-DDD	140	32.0	8.5	77.1	NA	108.0000
OA1001200905 / OA1002200905	091116103 / 091114823	o,p'-DDD	67.0	31.0	8.6	53.7	NA	36.0000
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	o,p'-DDD	250	92.0	8.8	63.2	**Out**	NA
OA1001200903 / OA1002200903	091116102 / 091114822	o,p'-DDD	36.0	19.0	8.9	47.2	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	o,p'-DDE	61.0	67.0	10.0	9.8	OK	NA
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	o,p'-DDE	18.0	170	6.9	844	NA	152.0000
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	o,p'-DDE	ND	14.0	6.9		NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	o,p'-DDE	2.7	60.0	7.0	2120	NA	57.3000
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	o,p'-DDE	50.0	230	7.1	360	**Out**	NA
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	o,p'-DDE	170	470	7.5	176	**Out**	NA
OA1001200907 / OA1002200907	091116104 / 091114824	o,p'-DDE	690	160	8.5	76.8	**Out**	NA
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	o,p'-DDE	800	160	8.5	80.0	**Out**	NA
OA1001200905 / OA1002200905	091116103 / 091114823	o,p'-DDE	360	150	8.6	58.3	**Out**	NA
OA1001200903 / OA1002200903	091116102 / 091114822	o,p'-DDE	180	90.0	8.9	50.0	**Out**	NA
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	o,p'-DDE	1000	340	88.0	66.0	**Out**	NA
OA1001200901 / OA1002200901	091116101 / 091114821	o,p'-DDT	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	o,p'-DDT	ND	ND	6.9	NA	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	o,p'-DDT	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	o,p'-DDT	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	o,p'-DDT	ND	5.0	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	o,p'-DDT	ND	10.0	7.5		NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	o,p'-DDT	10.0	ND	8.5	100	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	o,p'-DDT	6.2	ND	8.5	100	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	o,p'-DDT	ND	ND	8.6	NA	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	o,p'-DDT	8.8	9.6	8.8	9.1	NA	OK

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OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	p,p'-DDD	560	380	8.5	32.1	OK	NA
OA1001200905 / OA1002200905	091116103 / 091114823	p,p'-DDD	300	250	8.6	16.7	OK	NA
OA1001200903 / OA1002200903	091116102 / 091114822	p,p'-DDD	330	680	8.9	106	**Out**	NA
OA1001200907 / OA1002200907	091116104 / 091114824	p,p'-DDD	920	260	85.0	71.7	**Out**	NA
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	p,p'-DDD	1200	540	88.0	55.0	**Out**	NA
OA1001200901 / OA1002200901	091116101 / 091114821	p,p'-DDE	360	400	10.0	11.1	OK	NA
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	p,p'-DDE	620	3200	37.0	416	**Out**	NA
OA1001200905 / OA1002200905	091116103 / 091114823	p,p'-DDE	2200	990	43.0	55.0	**Out**	NA
OA1001200903 / OA1002200903	091116102 / 091114822	p,p'-DDE	1300	670	44.0	48.5	**Out**	NA
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	p,p'-DDE	100	1400	6.9	1300	**Out**	NA
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	p,p'-DDE	9.9	76.0	6.9	668	NA	66.1000
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	p,p'-DDE	17.0	350	7.0	1960	NA	333.0000
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	p,p'-DDE	280	1600	7.1	471	**Out**	NA
OA1001200907 / OA1002200907	091116104 / 091114824	p,p'-DDE	3600	960	85.0	73.3	**Out**	NA
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	p,p'-DDE	4300	900	85.0	79.1	**Out**	NA
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	p,p'-DDE	5900	2100	88.0	64.4	**Out**	NA
OA1001200901 / OA1002200901	091116101 / 091114821	p,p'-DDT	75.0	ND	10.0	100	NA	75.0000
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	p,p'-DDT	ND	16.0	6.9		NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	p,p'-DDT	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	p,p'-DDT	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	p,p'-DDT	ND	7.4	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	p,p'-DDT	ND	86.0	7.5		NA	86.0000
OA1001200907 / OA1002200907	091116104 / 091114824	p,p'-DDT	250	24.0	8.5	90.4	NA	226.0000
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	p,p'-DDT	ND	17.0	8.5		NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	p,p'-DDT	22.0	30.0	8.6	36.4	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	p,p'-DDT	58.0	42.0	8.8	27.6	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	p,p'-DDT	210	510	8.9	143	**Out**	NA

Location	**Analysis**
OA10	D2216

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1001200901 / OA1002200901	091116101 / 091114821	Moisture	50.2	49.9	0.10	0.60	OK	NA
OA1001200903 / OA1002200903	091116102 / 091114822	Moisture	43.6	42.1	0.10	3.4	OK	NA
OA1001200905 / OA1002200905	091116103 / 091114823	Moisture	42.0	39.9	0.10	5.0	OK	NA
OA1001200907 / OA1002200907	091116104 / 091114824	Moisture	41.2	40.0	0.10	2.9	OK	NA
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	Moisture	42.9	43.7	0.10	1.9	OK	NA
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	Moisture	41.4	46.7	0.10	12.8	OK	NA
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	Moisture	33.0	47.1	0.10	42.7	OK	NA
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	Moisture	29.2	42.4	0.10	45.2	OK	NA
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	Moisture	27.8	32.6	0.10	17.3	OK	NA
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	Moisture	28.1	34.1	0.10	21.4	OK	NA
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	Moisture	27.2	29.4	0.10	8.1	OK	NA

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OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	3.0	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	10.0	7.5		NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2',3,4,4',5-PENTACHLOROBIPHENYL	3.3	5.5	8.5	66.7	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2',3,4,4',5-PENTACHLOROBIPHENYL	3.4	3.5	8.5	2.9	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2',3,4,4',5-PENTACHLOROBIPHENYL	5.8	ND	8.6	100	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	3.1	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	5.1	7.5		NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	3.8	ND	8.5	100	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	6.1	8.5		NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	6.6	ND	8.6	100	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	7.9	ND	8.8	100	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	2.9	ND	6.9	100	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	9.2	7.5		NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	8.8	8.5		NA	OK

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OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	6.5	ND	6.9	100	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	8.3	8.5		NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	39.0	2.8	6.9	92.8	NA	36.2000
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	5.1	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	9.1	7.5		NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	4.7	8.5	43.4	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.5	29.0	8.5	346	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	4.7	3.0	8.6	36.2	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.5	4.3	8.8	49.4	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	4.3	ND	6.9	100	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	4.5	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	15.0	7.5		NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.3	ND	8.5	100	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.8	5.9	8.5	13.2	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	5.4	2.8	8.6	48.1	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	7.0	ND	8.8	100	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	3.4	ND	8.9	100	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	28.0	2.6	6.9	90.7	NA	25.4000
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	5.7	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	11.0	7.5		NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.2	4.0	8.5	56.5	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	5.8	39.0	8.5	572	NA	33.2000
OA1001200905 / OA1002200905	091116103 / 091114823	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	5.0	3.4	8.6	32.0	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.9	3.8	8.8	57.3	NA	OK

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OA1001200907 / OA1002200907	091116104 / 091114824	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	16.0	7.7	8.5	51.9	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	70.0	8.5	483	NA	58.0000
OA1001200905 / OA1002200905	091116103 / 091114823	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	11.0	5.2	8.6	52.7	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	15.0	6.5	8.8	56.7	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	5.3	4.0	8.9	24.5	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,2',3,5'-TETRACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,2',3,5'-TETRACHLOROBIPHENYL	ND	7.1	6.9		NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,2',3,5'-TETRACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,2',3,5'-TETRACHLOROBIPHENYL	ND	4.2	7.0		NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,2',3,5'-TETRACHLOROBIPHENYL	ND	16.0	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,2',3,5'-TETRACHLOROBIPHENYL	4.6	290	7.5	6200	NA	285.4000
OA1001200907 / OA1002200907	091116104 / 091114824	2,2',3,5'-TETRACHLOROBIPHENYL	24.0	9.5	8.5	60.4	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,2',3,5'-TETRACHLOROBIPHENYL	15.0	19.0	8.5	26.7	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,2',3,5'-TETRACHLOROBIPHENYL	13.0	6.8	8.6	47.7	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,2',3,5'-TETRACHLOROBIPHENYL	25.0	8.5	8.8	66.0	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,2',3,5'-TETRACHLOROBIPHENYL	6.0	4.1	8.9	31.7	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	4.4	4.1	10.0	6.8	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	60.0	9.4	6.9	84.3	NA	50.6000
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	5.5	7.0		NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	21.0	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	5.3	60.0	7.5	1030	NA	54.7000
OA1001200907 / OA1002200907	091116104 / 091114824	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	32.0	14.0	8.5	56.3	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	32.0	66.0	8.5	106	NA	34.0000
OA1001200905 / OA1002200905	091116103 / 091114823	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	21.0	11.0	8.6	47.6	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	34.0	13.0	8.8	61.8	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	7.6	8.9	24.0	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	4.9	10.0		NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	10.0	6.9	16.7	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	6.4	7.0		NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	23.0	7.1		NA	23.0000
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,2',4,5,5'-PENTACHLOROBIPHENYL	6.6	200	7.5	2930	NA	193.4000
OA1001200907 / OA1002200907	091116104 / 091114824	2,2',4,5,5'-PENTACHLOROBIPHENYL	34.0	15.0	8.5	55.9	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,2',4,5,5'-PENTACHLOROBIPHENYL	34.0	37.0	8.5	8.8	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,2',4,5,5'-PENTACHLOROBIPHENYL	24.0	11.0	8.6	54.2	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,2',4,5,5'-PENTACHLOROBIPHENYL	37.0	14.0	8.8	62.2	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,2',4,5,5'-PENTACHLOROBIPHENYL	12.0	6.4	8.9	46.7	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,2',5,5'-TETRACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,2',5,5'-TETRACHLOROBIPHENYL	ND	10.0	6.9		NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,2',5,5'-TETRACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK

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OA1001200901 / OA1002200901	091116101 / 091114821	2,2',5-TRICHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,2',5-TRICHLOROBIPHENYL	ND	5.7	6.9		NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,2',5-TRICHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,2',5-TRICHLOROBIPHENYL	ND	2.9	7.0		NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,2',5-TRICHLOROBIPHENYL	ND	9.4	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,2',5-TRICHLOROBIPHENYL	ND	100	7.5		NA	100.0000
OA1001200907 / OA1002200907	091116104 / 091114824	2,2',5-TRICHLOROBIPHENYL	14.0	7.0	8.5	50.0	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,2',5-TRICHLOROBIPHENYL	9.4	14.0	8.5	48.9	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,2',5-TRICHLOROBIPHENYL	6.3	ND	8.6	100	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,2',5-TRICHLOROBIPHENYL	13.0	5.4	8.8	58.5	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,2',5-TRICHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,3',4,4',5-Pentachlorobiphenyl	3.9	3.7	10.0	5.1	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,3',4,4',5-Pentachlorobiphenyl	4.4	9.0	6.9	105	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,3',4,4',5-Pentachlorobiphenyl	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,3',4,4',5-Pentachlorobiphenyl	ND	6.3	7.0		NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,3',4,4',5-Pentachlorobiphenyl	ND	21.0	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,3',4,4',5-Pentachlorobiphenyl	5.4	170	7.5	3050	NA	164.6000
OA1001200907 / OA1002200907	091116104 / 091114824	2,3',4,4',5-Pentachlorobiphenyl	31.0	14.0	8.5	54.8	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,3',4,4',5-Pentachlorobiphenyl	32.0	31.0	8.5	3.1	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,3',4,4',5-Pentachlorobiphenyl	21.0	11.0	8.6	47.6	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,3',4,4',5-Pentachlorobiphenyl	34.0	13.0	8.8	61.8	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,3',4,4',5-Pentachlorobiphenyl	9.7	5.2	8.9	46.4	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,3',4,4'-TETRACHLOROBIPHENYL	ND	3.7	10.0		NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,3',4,4'-TETRACHLOROBIPHENYL	ND	7.6	6.9		NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,3',4,4'-TETRACHLOROBIPHENYL	ND	4.8	7.0		NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,3',4,4'-TETRACHLOROBIPHENYL	ND	17.0	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,3',4,4'-TETRACHLOROBIPHENYL	5.0	240	7.5	4700	NA	235.0000
OA1001200907 / OA1002200907	091116104 / 091114824	2,3',4,4'-TETRACHLOROBIPHENYL	28.0	13.0	8.5	53.6	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,3',4,4'-TETRACHLOROBIPHENYL	17.0	25.0	8.5	47.1	NA	OK

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OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	10.0	7.5		NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2,3,3',4,4',5'-Hexachlorobiphenyl	6.2	3.9	8.5	37.1	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,3,3',4,4',5'-Hexachlorobiphenyl	6.2	7.1	8.5	14.5	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,3,3',4,4',5'-Hexachlorobiphenyl	3.4	ND	8.6	100	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,3,3',4,4',5'-Hexachlorobiphenyl	6.6	3.7	8.8	43.9	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	3.5	8.5		NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	13.0	NA	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	15.0	NA	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	21.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,3,3',4,4',5-Hexachlorobiphenyl	4.7	ND	6.9	100	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,3,3',4,4',5-Hexachlorobiphenyl	ND	3.4	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,3,3',4,4',5-Hexachlorobiphenyl	ND	8.8	7.5		NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2,3,3',4,4',5-Hexachlorobiphenyl	6.4	ND	8.5	100	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,3,3',4,4',5-Hexachlorobiphenyl	5.6	6.2	8.5	10.7	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,3,3',4,4',5-Hexachlorobiphenyl	5.5	ND	8.8	100	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	4.6	6.9		NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	3.4	7.0		NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	9.9	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,3,3',4,4'-PENTACHLOROBIPHENYL	3.4	110	7.5	3140	NA	106.6000
OA1001200907 / OA1002200907	091116104 / 091114824	2,3,3',4,4'-PENTACHLOROBIPHENYL	21.0	10.0	8.5	52.4	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,3,3',4,4'-PENTACHLOROBIPHENYL	14.0	19.0	8.5	35.7	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	7.0	8.6	36.4	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,3,3',4,4'-PENTACHLOROBIPHENYL	18.0	6.6	8.8	63.3	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,3,3',4,4'-PENTACHLOROBIPHENYL	5.9	ND	8.9	100	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	6.9	NA	NA	OK

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OA1001200903 / OA1002200903	091116102 / 091114822	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,4'-DICHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,4'-DICHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,4'-DICHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,4'-DICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,4'-DICHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,4'-DICHLOROBIPHENYL	ND	5.3	7.5		NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	2,4'-DICHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,4'-DICHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,4'-DICHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,4'-DICHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,4'-DICHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	2,4,4'-TRICHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	2,4,4'-TRICHLOROBIPHENYL	ND	5.1	6.9		NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	2,4,4'-TRICHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	2,4,4'-TRICHLOROBIPHENYL	ND	11.0	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	2,4,4'-TRICHLOROBIPHENYL	ND	85.0	7.5		NA	85.0000
OA1001200907 / OA1002200907	091116104 / 091114824	2,4,4'-TRICHLOROBIPHENYL	10.0	4.2	8.5	58.0	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	2,4,4'-TRICHLOROBIPHENYL	7.0	9.1	8.5	30.0	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	2,4,4'-TRICHLOROBIPHENYL	7.2	6.8	8.6	5.6	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	2,4,4'-TRICHLOROBIPHENYL	12.0	9.4	8.8	21.7	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	2,4,4'-TRICHLOROBIPHENYL	ND	4.6	8.9		NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	2.6	ND	6.9	100	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	4.8	8.5		NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	2.9	6.9		NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	5.0	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	6.8	7.5		NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	3,3',4,4',5-PENTACHLOROBIPHENYL	5.2	ND	8.5	100	NA	OK

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OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	3,3',4,4'-TETRACHLOROBIPHENYL	ND	29.0	7.5		NA	29.0000
OA1001200907 / OA1002200907	091116104 / 091114824	3,3',4,4'-TETRACHLOROBIPHENYL	4.1	3.1	8.5	24.4	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	3,3',4,4'-TETRACHLOROBIPHENYL	3.9	5.7	8.5	46.2	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	3,3',4,4'-TETRACHLOROBIPHENYL	4.9	ND	8.6	100	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	3,3',4,4'-TETRACHLOROBIPHENYL	4.4	ND	8.8	100	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1001200907 / OA1002200907	091116104 / 091114824	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.6	NA	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1001200901 / OA1002200901	091116101 / 091114821	PCB-138/158	ND	ND	10.0	NA	NA	OK
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	PCB-138/158	56.0	9.7	6.9	82.7	NA	46.3000
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	PCB-138/158	ND	ND	6.9	NA	NA	OK
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	PCB-138/158	ND	6.0	7.0		NA	OK
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	PCB-138/158	ND	21.0	7.1		NA	OK
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	PCB-138/158	ND	65.0	7.5		NA	65.0000
OA1001200907 / OA1002200907	091116104 / 091114824	PCB-138/158	33.0	16.0	8.5	51.5	NA	OK
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	PCB-138/158	35.0	54.0	8.5	54.3	NA	OK
OA1001200905 / OA1002200905	091116103 / 091114823	PCB-138/158	20.0	10.0	8.6	50.0	NA	OK
OA1001200909-11 / OA1002200909-11	0911161020 / 0911148227	PCB-138/158	36.0	13.0	8.8	63.9	NA	OK
OA1001200903 / OA1002200903	091116102 / 091114822	PCB-138/158	11.0	7.1	8.9	35.5	NA	OK

Location	**Analysis**
OA10	SW9060

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1001200925-27 / OA1002200925-27	0911161024 / 0911148231	Total Organic Carbon	1.2	1.4	0.069	16.7	OK	NA
OA1001200933-35 / OA1002200933-35	0911161026 / 0911148233	Total Organic Carbon	1.4	1.0	0.069	28.6	OK	NA
OA1001200929-31 / OA1002200929-31	0911161025 / 0911148232	Total Organic Carbon	1.2	1.3	0.070	8.3	OK	NA
OA1001200921-23 / OA1002200921-23	0911161023 / 0911148230	Total Organic Carbon	1.6	2.0	0.071	25.0	OK	NA
OA1001200917-19 / OA1002200917-19	0911161022 / 0911148229	Total Organic Carbon	1.6	2.9	0.075	81.3	**Out**	NA
OA1001200907 / OA1002200907	091116104 / 091114824	Total Organic Carbon	2.0	1.6	0.085	20.0	OK	NA
OA1001200913-15 / OA1002200913-15	0911161021 / 0911148228	Total Organic Carbon	2.4	2.7	0.085	12.5	OK	NA
OA1001200905 / OA1002200905	091116103 / 091114823	Total Organic Carbon	2.0	1.6	0.086	20.0	OK	NA

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OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	1,1-bis(p-chlorophenyl)ethane	250	210	10.0	16.0	OK	NA
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	1,1-bis(p-chlorophenyl)ethane	390	330	11.0	15.4	OK	NA
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	1,1-bis(p-chlorophenyl)ethane	490	400	11.0	18.4	OK	NA
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	1,1-bis(p-chlorophenyl)ethane	930	860	1200	7.5	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	1,1-bis(p-chlorophenyl)ethane	73.0	51.0	17.0	30.1	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	1,1-bis(p-chlorophenyl)ethane	6.4	27.0	7.1	322	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	1,1-bis(p-chlorophenyl)ethane	20.0	15.0	7.2	25.0	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	1,1-bis(p-chlorophenyl)ethane	32.0	61.0	7.3	90.6	NA	29.0000
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	1,1-bis(p-chlorophenyl)ethane	35.0	53.0	7.4	51.4	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	1,1-bis(p-chlorophenyl)ethane	54.0	23.0	7.5	57.4	NA	31.0000
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	1,1-bis(p-chlorophenyl)ethane	1200	650	700	45.8	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	1,1-bis(p-chlorophenyl)ethane	27.0	46.0	8.1	70.4	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	1,1-bis(p-chlorophenyl)ethane	34.0	51.0	8.1	50.0	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	1,1-bis(p-chlorophenyl)ethane	37.0	120	8.4	224	NA	83.0000
OA1101200903 / OA1102200903	091114832 / 091116112	1,1-bis(p-chlorophenyl)ethane	66.0	46.0	8.8	30.3	OK	NA
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	1,1-bis(p-chlorophenyl)ethane	83.0	72.0	8.8	13.3	OK	NA
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	1,1-bis(p-chlorophenyl)ethane	230	160	8.9	30.4	OK	NA
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	1,1-bis(p-chlorophenyl)ethane	100	140	9.1	40.0	OK	NA
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	1,1-bis(p-chlorophenyl)ethane	110	170	9.3	54.5	OK	NA
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	1,1-bis(p-chlorophenyl)ethane	300	270	9.9	10.0	OK	NA
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1800	1500	100	16.7	OK	NA
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	12000	5400	1200	55.0	NA	6600.0000
OA1101200901 / OA1102200901	091114831 / 091116111	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	600	580	17.0	3.3	OK	NA
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1900	820	200	56.8	**Out**	NA
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	2200	2400	220	9.1	OK	NA
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	4000	1600	570	60.0	NA	2400.0000
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	33.0	230	7.1	597	NA	197.0000
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	180	180	7.2	0.0000	OK	NA
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	220	760	7.3	245	**Out**	NA
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	270	490	7.4	81.5	**Out**	NA
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	190	170	7.5	10.5	OK	NA
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	10000	4400	700	56.0	NA	5600.0000
OA1101200905 / OA1102200905	091114833 / 091116113	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	210	460	8.1	119	**Out**	NA
OA1101200907 / OA1102200907	091114834 / 091116114	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	300	420	8.1	40.0	OK	NA
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	240	1200	8.4	400	**Out**	NA
OA1101200903 / OA1102200903	091114832 / 091116112	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	620	460	8.8	25.8	OK	NA
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	460	630	8.8	37.0	OK	NA
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	580	380	8.9	34.5	OK	NA
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	500	1400	9.1	180	**Out**	NA
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	760	930	9.3	22.4	OK	NA
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	o,p'-DDD	120	82.0	10.0	31.7	OK	NA

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OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	o,p'-DDD	13.0	17.0	7.4	30.8	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	o,p'-DDD	18.0	11.0	7.5	38.9	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	o,p'-DDD	42.0	37.0	8.1	11.9	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	o,p'-DDD	24.0	35.0	8.1	45.8	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	o,p'-DDD	18.0	70.0	8.4	289	NA	52.0000
OA1101200903 / OA1102200903	091114832 / 091116112	o,p'-DDD	47.0	37.0	8.8	21.3	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	o,p'-DDD	36.0	35.0	8.8	2.8	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	o,p'-DDD	92.0	100	8.9	8.7	OK	NA
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	o,p'-DDD	40.0	70.0	9.1	75.0	NA	30.0000
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	o,p'-DDD	44.0	62.0	9.3	40.9	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	o,p'-DDD	210	260	9.9	23.8	OK	NA
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	o,p'-DDE	970	850	10.0	12.4	OK	NA
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	o,p'-DDE	7500	5600	1200	25.3	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	o,p'-DDE	430	350	17.0	18.6	OK	NA
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	o,p'-DDE	1100	690	200	37.3	OK	NA
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	o,p'-DDE	1500	1500	220	0.0000	OK	NA
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	o,p'-DDE	3300	1800	570	45.5	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	o,p'-DDE	11.0	49.0	7.1	345	NA	38.0000
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	o,p'-DDE	38.0	40.0	7.2	5.3	OK	NA
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	o,p'-DDE	51.0	170	7.3	233	**Out**	NA
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	o,p'-DDE	64.0	110	7.4	71.9	**Out**	NA
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	o,p'-DDE	78.0	72.0	7.5	7.7	OK	NA
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	o,p'-DDE	8700	4000	700	54.0	NA	4700.0000
OA1101200905 / OA1102200905	091114833 / 091116113	o,p'-DDE	150	280	8.1	86.7	**Out**	NA
OA1101200907 / OA1102200907	091114834 / 091116114	o,p'-DDE	190	260	8.1	36.8	OK	NA
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	o,p'-DDE	140	590	8.4	321	**Out**	NA
OA1101200903 / OA1102200903	091114832 / 091116112	o,p'-DDE	380	260	8.8	31.6	OK	NA
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	o,p'-DDE	250	330	8.8	32.0	OK	NA
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	o,p'-DDE	360	280	8.9	22.2	OK	NA
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	o,p'-DDE	280	550	9.1	96.4	**Out**	NA
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	o,p'-DDE	320	580	9.3	81.3	**Out**	NA
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	o,p'-DDT	17.0	26.0	10.0	52.9	NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	o,p'-DDT	17.0	20.0	11.0	17.6	NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	o,p'-DDT	28.0	97.0	11.0	246	NA	69.0000
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	o,p'-DDT	42.0	60.0	12.0	42.9	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	o,p'-DDT	48.0	32.0	14.0	33.3	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	o,p'-DDT	ND	ND	17.0	NA	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	o,p'-DDT	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	o,p'-DDT	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	o,p'-DDT	4.4	ND	7.3	100	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	o,p'-DDT	ND	20.0	7.4		NA	OK

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OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	o,p'-DDT	12.0	9.6	9.3	20.0	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	o,p'-DDT	94.0	23.0	9.9	75.5	NA	71.0000
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	p,p'-DDD	490	290	10.0	40.8	**Out**	NA
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	p,p'-DDD	890	430	11.0	51.7	**Out**	NA
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	p,p'-DDD	1400	2900	1200	107	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	p,p'-DDD	440	220	17.0	50.0	**Out**	NA
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	p,p'-DDD	1100	6500	200	491	**Out**	NA
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	p,p'-DDD	2700	7800	570	189	NA	5100.0000
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	p,p'-DDD	7.2	31.0	7.1	331	NA	23.8000
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	p,p'-DDD	21.0	20.0	7.2	4.8	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	p,p'-DDD	59.0	140	7.3	137	**Out**	NA
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	p,p'-DDD	64.0	100	7.4	56.3	OK	NA
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	p,p'-DDD	290	47.0	7.5	83.8	**Out**	NA
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	p,p'-DDD	1400	1500	700	7.1	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	p,p'-DDD	260	200	8.1	23.1	OK	NA
OA1101200907 / OA1102200907	091114834 / 091116114	p,p'-DDD	400	180	8.1	55.0	**Out**	NA
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	p,p'-DDD	86.0	870	8.4	912	**Out**	NA
OA1101200903 / OA1102200903	091114832 / 091116112	p,p'-DDD	240	170	8.8	29.2	OK	NA
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	p,p'-DDD	260	250	8.8	3.8	OK	NA
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	p,p'-DDD	1100	1600	89.0	45.5	OK	NA
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	p,p'-DDD	170	450	9.1	165	**Out**	NA
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	p,p'-DDD	150	460	9.3	207	**Out**	NA
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	p,p'-DDE	4800	8000	100	66.7		NA
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	p,p'-DDE	35000	28000	1200	20.0	OK	NA
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	p,p'-DDE	7100	5600	200	21.1	OK	NA
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	p,p'-DDE	8600	7600	220	11.6	OK	NA
OA1101200905 / OA1102200905	091114833 / 091116113	p,p'-DDE	810	1100	41.0	35.8	OK	NA
OA1101200907 / OA1102200907	091114834 / 091116114	p,p'-DDE	910	1100	41.0	20.9	OK	NA
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	p,p'-DDE	1100	3400	42.0	209	**Out**	NA
OA1101200903 / OA1102200903	091114832 / 091116112	p,p'-DDE	2200	960	44.0	56.4	**Out**	NA
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	p,p'-DDE	1300	2300	44.0	76.9	**Out**	NA
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	p,p'-DDE	1500	2400	47.0	60.0	OK	NA
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	p,p'-DDE	17000	14000	570	17.6	OK	NA
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	p,p'-DDE	62.0	200	7.1	223	**Out**	NA
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	p,p'-DDE	150	200	7.2	33.3	OK	NA
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	p,p'-DDE	250	620	7.3	148	**Out**	NA
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	p,p'-DDE	280	400	7.4	42.9	OK	NA
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	p,p'-DDE	540	400	7.5	25.9	OK	NA
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	p,p'-DDE	41000	19000	700	53.7	**Out**	NA
OA1101200901 / OA1102200901	091114831 / 091116111	p,p'-DDE	2900	2400	84.0	17.2	OK	NA

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OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	p,p'-DDT	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	p,p'-DDT	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	p,p'-DDT	54.0	ND	7.3	100	NA	54.0000
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	p,p'-DDT	ND	1100	7.4		NA	1100.0000
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	p,p'-DDT	13.0	ND	7.5	100	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	p,p'-DDT	14.0	ND	8.1	100	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	p,p'-DDT	ND	ND	8.1	NA	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	p,p'-DDT	68.0	27.0	8.4	60.3	NA	41.0000
OA1101200903 / OA1102200903	091114832 / 091116112	p,p'-DDT	12.0	ND	8.8	100	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	p,p'-DDT	230	ND	8.8	100	NA	230.0000
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	p,p'-DDT	43.0	200	8.9	365	NA	157.0000
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	p,p'-DDT	29.0	ND	9.1	100	NA	29.0000
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	p,p'-DDT	11.0	9.1	9.3	17.3	NA	OK

Location	Analysis
OA11	D2216

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1101200901 / OA1102200901	091114831 / 091116111	Moisture	70.1	53.2	0.10	24.1	OK	NA
OA1101200903 / OA1102200903	091114832 / 091116112	Moisture	43.4	45.2	0.10	4.1	OK	NA
OA1101200905 / OA1102200905	091114833 / 091116113	Moisture	38.6	44.3	0.10	14.8	OK	NA
OA1101200907 / OA1102200907	091114834 / 091116114	Moisture	38.6	47.0	0.10	21.8	OK	NA
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	Moisture	40.2	40.8	0.10	1.5	OK	NA
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	Moisture	42.9	42.5	0.10	0.93	OK	NA
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	Moisture	45.0	45.4	0.10	0.89	OK	NA
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	Moisture	46.5	52.2	0.10	12.3	OK	NA
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	Moisture	51.3	52.2	0.10	1.8	OK	NA
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	Moisture	53.5	54.6	0.10	2.1	OK	NA
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	Moisture	64.5	58.5	0.10	9.3	OK	NA
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	Moisture	59.4	58.0	0.10	2.4	OK	NA
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	Moisture	55.8	57.6	0.10	3.2	OK	NA
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	Moisture	49.4	47.2	0.10	4.5	OK	NA
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	Moisture	43.6	39.3	0.10	9.9	OK	NA
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	Moisture	32.9	34.7	0.10	5.5	OK	NA
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	Moisture	31.7	37.1	0.10	17.0	OK	NA
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	Moisture	32.6	32.9	0.10	0.92	OK	NA
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	Moisture	29.7	32.1	0.10	8.1	OK	NA
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	Moisture	30.2	33.2	0.10	9.9	OK	NA

Location	Analysis
OA11	PCBSIM

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OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	5.1	8.1		NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	3.8	8.1		NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	3.9	8.4		NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	3.1	8.8		NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	6.4	8.8		NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	6.0	9.1		NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2',3,4,4',5-PENTACHLOROBIPHENYL	3.9	14.0	9.3	259	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	6.9	11.0		NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	14.0	NA	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	17.0	NA	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	3.8	8.1		NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK

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OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	6.0	11.0		NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	6.8	6.7	11.0	1.5	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	5.1	12.0		NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	14.0	NA	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	17.0	NA	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	9.1	NA	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	5.7	10.0		NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	3.7	11.0		NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	5.9	11.0		NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	4.1	12.0		NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	14.0	NA	NA	OK

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OA1101200903 / OA1102200903	091114832 / 091116112	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	9.1	NA	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	3.1	ND	10.0	100	NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.4	20.0	11.0	213	NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.1	24.0	11.0	196	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	12.0	21.0	12.0	75.0	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	18.0	17.0	14.0	5.6	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	8.0	17.0		NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	5.3	8.1		NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	3.0	7.3	8.1	143	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	5.1	8.4		NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.8	4.1	8.8	46.4	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	5.0	8.8		NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	5.0	ND	8.9	100	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.9	8.0	9.1	176	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	6.5	9.3	9.3	43.1	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.9	5.1	9.9	35.4	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	4.6	21.0	10.0	357	NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.9	18.0	11.0	102	NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.0	15.0	11.0	150	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	13.0	17.0	12.0	30.8	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	20.0	14.0	14.0	30.0	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.6	7.9	17.0	19.7	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	6.8	8.1		NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	7.4	8.1		NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	5.7	8.4		NA	OK

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OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	13.0	20.0	12.0	53.8	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	18.0	16.0	14.0	11.1	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	7.9	17.0		NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	5.9	8.1		NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	7.7	8.1		NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	5.6	8.4		NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	4.5	8.8		NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	5.4	8.8		NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	4.8	ND	8.9	100	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	8.4	9.1		NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	6.7	9.2	9.3	37.3	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	8.3	5.2	9.9	37.3	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.9	40.0	10.0	480	NA	33.1000
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	13.0	47.0	11.0	262	NA	34.0000
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	15.0	46.0	11.0	207	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	23.0	39.0	12.0	69.6	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	32.0	31.0	14.0	3.1	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.6	15.0	17.0	97.4	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	4.0	7.3		NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	3.0	ND	7.4	100	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	2.7	ND	7.5	100	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	3.6	10.0	8.1	178	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	4.6	14.0	8.1	204	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	3.7	10.0	8.4	170	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	4.9	8.5	8.8	73.5	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	10.0	8.8		NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	8.7	3.3	8.9	62.1	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	4.7	14.0	9.1	198	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	12.0	17.0	9.3	41.7	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	15.0	9.9	9.9	34.0	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,2',3,5'-TETRACHLOROBIPHENYL	24.0	78.0	10.0	225	NA	54.0000
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,2',3,5'-TETRACHLOROBIPHENYL	62.0	140	11.0	126	**Out**	NA
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,2',3,5'-TETRACHLOROBIPHENYL	39.0	77.0	11.0	97.4	NA	38.0000

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OA1101200907 / OA1102200907	091114834 / 091116114	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	27.0	8.1	170	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,2',3,5'-TETRACHLOROBIPHENYL	9.8	22.0	8.4	124	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,2',3,5'-TETRACHLOROBIPHENYL	11.0	20.0	8.8	81.8	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,2',3,5'-TETRACHLOROBIPHENYL	5.8	23.0	8.8	297	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	5.2	8.9	56.7	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,2',3,5'-TETRACHLOROBIPHENYL	12.0	29.0	9.1	142	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,2',3,5'-TETRACHLOROBIPHENYL	34.0	31.0	9.3	8.8	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,2',3,5'-TETRACHLOROBIPHENYL	24.0	13.0	9.9	45.8	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	16.0	79.0	10.0	394	NA	63.0000
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	35.0	110	11.0	214	NA	75.0000
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	32.0	100	11.0	213	NA	68.0000
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	60.0	88.0	12.0	46.7		OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	96.0	75.0	14.0	21.9	OK	NA
OA1101200901 / OA1102200901	091114831 / 091116111	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	18.0	28.0	17.0	55.6	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	4.7	2.9	7.2	38.3	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	3.3	7.8	7.3	136	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.0	4.9	7.4	18.3	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	5.1	3.2	7.5	37.3	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.2	21.0	8.1	192	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	30.0	8.1	150	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	9.6	23.0	8.4	140	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	12.0	19.0	8.8	58.3	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	5.1	22.0	8.8	331	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	17.0	6.8	8.9	60.0	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	30.0	9.1	200	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	28.0	31.0	9.3	10.7	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	33.0	21.0	9.9	36.4	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,2',4,5,5'-PENTACHLOROBIPHENYL	26.0	95.0	10.0	265	NA	69.0000
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,2',4,5,5'-PENTACHLOROBIPHENYL	60.0	170	11.0	183	**Out**	NA
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,2',4,5,5'-PENTACHLOROBIPHENYL	45.0	110	11.0	144	NA	65.0000
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,2',4,5,5'-PENTACHLOROBIPHENYL	89.0	120	12.0	34.8	OK	NA
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,2',4,5,5'-PENTACHLOROBIPHENYL	170	110	14.0	35.3	OK	NA
OA1101200901 / OA1102200901	091114831 / 091116111	2,2',4,5,5'-PENTACHLOROBIPHENYL	23.0	33.0	17.0	43.5	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,2',4,5,5'-PENTACHLOROBIPHENYL	6.8	4.3	7.2	36.8	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,2',4,5,5'-PENTACHLOROBIPHENYL	4.4	11.0	7.3	150	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.2	7.4	7.4	2.8	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,2',4,5,5'-PENTACHLOROBIPHENYL	5.2	4.4	7.5	15.4	NA	OK

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OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,2',5,5'-TETRACHLOROBIPHENYL	68.0	160	11.0	135	**Out**	NA
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,2',5,5'-TETRACHLOROBIPHENYL	48.0	100	11.0	108	NA	52.0000
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,2',5,5'-TETRACHLOROBIPHENYL	93.0	110	12.0	18.3	OK	NA
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,2',5,5'-TETRACHLOROBIPHENYL	170	110	14.0	35.3	OK	NA
OA1101200901 / OA1102200901	091114831 / 091116111	2,2',5,5'-TETRACHLOROBIPHENYL	22.0	30.0	17.0	36.4	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,2',5,5'-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,2',5,5'-TETRACHLOROBIPHENYL	7.7	4.7	7.2	39.0	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,2',5,5'-TETRACHLOROBIPHENYL	5.7	12.0	7.3	111	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,2',5,5'-TETRACHLOROBIPHENYL	9.0	7.6	7.4	15.6	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,2',5,5'-TETRACHLOROBIPHENYL	5.1	4.4	7.5	13.7	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,2',5,5'-TETRACHLOROBIPHENYL	9.8	28.0	8.1	186	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	39.0	8.1	200	NA	26.0000
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	30.0	8.4	131	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,2',5,5'-TETRACHLOROBIPHENYL	15.0	26.0	8.8	73.3	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,2',5,5'-TETRACHLOROBIPHENYL	7.9	29.0	8.8	267	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,2',5,5'-TETRACHLOROBIPHENYL	18.0	7.8	8.9	56.7	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,2',5,5'-TETRACHLOROBIPHENYL	16.0	37.0	9.1	131	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,2',5,5'-TETRACHLOROBIPHENYL	47.0	41.0	9.3	12.8	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,2',5,5'-TETRACHLOROBIPHENYL	35.0	18.0	9.9	48.6	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,2',5-TRICHLOROBIPHENYL	14.0	46.0	10.0	229	NA	32.0000
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,2',5-TRICHLOROBIPHENYL	33.0	69.0	11.0	109	NA	36.0000
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,2',5-TRICHLOROBIPHENYL	25.0	39.0	11.0	56.0	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,2',5-TRICHLOROBIPHENYL	40.0	55.0	12.0	37.5	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,2',5-TRICHLOROBIPHENYL	87.0	54.0	14.0	37.9	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,2',5-TRICHLOROBIPHENYL	12.0	20.0	17.0	66.7	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,2',5-TRICHLOROBIPHENYL	4.9	ND	7.2	100	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,2',5-TRICHLOROBIPHENYL	2.9	4.6	7.3	58.6	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,2',5-TRICHLOROBIPHENYL	4.0	3.4	7.4	15.0	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,2',5-TRICHLOROBIPHENYL	3.0	ND	7.5	100	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,2',5-TRICHLOROBIPHENYL	3.8	13.0	8.1	242	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,2',5-TRICHLOROBIPHENYL	5.2	15.0	8.1	188	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,2',5-TRICHLOROBIPHENYL	4.6	14.0	8.4	204	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,2',5-TRICHLOROBIPHENYL	6.7	12.0	8.8	79.1	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,2',5-TRICHLOROBIPHENYL	3.1	13.0	8.8	319	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,2',5-TRICHLOROBIPHENYL	9.3	3.5	8.9	62.4	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,2',5-TRICHLOROBIPHENYL	6.3	15.0	9.1	138	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,2',5-TRICHLOROBIPHENYL	19.0	27.0	9.3	42.1	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,2',5-TRICHLOROBIPHENYL	16.0	7.2	9.9	55.0	NA	OK

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OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.1	NA	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,3',4,4',5-Pentachlorobiphenyl	20.0	90.0	10.0	350	NA	70.0000
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,3',4,4',5-Pentachlorobiphenyl	47.0	130	11.0	177	NA	83.0000
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,3',4,4',5-Pentachlorobiphenyl	37.0	97.0	11.0	162	NA	60.0000
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,3',4,4',5-Pentachlorobiphenyl	71.0	100	12.0	40.8	OK	NA
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,3',4,4',5-Pentachlorobiphenyl	120	96.0	14.0	20.0	OK	NA
OA1101200901 / OA1102200901	091114831 / 091116111	2,3',4,4',5-Pentachlorobiphenyl	20.0	32.0	17.0	60.0	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,3',4,4',5-Pentachlorobiphenyl	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,3',4,4',5-Pentachlorobiphenyl	6.1	3.5	7.2	42.6	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,3',4,4',5-Pentachlorobiphenyl	3.6	8.8	7.3	144	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,3',4,4',5-Pentachlorobiphenyl	6.6	6.5	7.4	1.5	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,3',4,4',5-Pentachlorobiphenyl	3.8	3.3	7.5	13.2	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,3',4,4',5-Pentachlorobiphenyl	8.2	25.0	8.1	205	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,3',4,4',5-Pentachlorobiphenyl	12.0	33.0	8.1	175	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,3',4,4',5-Pentachlorobiphenyl	11.0	24.0	8.4	118	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,3',4,4',5-Pentachlorobiphenyl	12.0	22.0	8.8	83.3	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,3',4,4',5-Pentachlorobiphenyl	5.4	24.0	8.8	344	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,3',4,4',5-Pentachlorobiphenyl	15.0	7.3	8.9	51.3	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,3',4,4',5-Pentachlorobiphenyl	11.0	36.0	9.1	227	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,3',4,4',5-Pentachlorobiphenyl	31.0	34.0	9.3	9.7	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,3',4,4',5-Pentachlorobiphenyl	31.0	18.0	9.9	41.9	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,3',4,4'-TETRACHLOROBIPHENYL	22.0	87.0	10.0	295	NA	65.0000
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,3',4,4'-TETRACHLOROBIPHENYL	55.0	150	11.0	173		OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,3',4,4'-TETRACHLOROBIPHENYL	34.0	76.0	11.0	124	NA	42.0000
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,3',4,4'-TETRACHLOROBIPHENYL	61.0	91.0	12.0	49.2	OK	NA
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,3',4,4'-TETRACHLOROBIPHENYL	140	91.0	14.0	35.0	OK	NA
OA1101200901 / OA1102200901	091114831 / 091116111	2,3',4,4'-TETRACHLOROBIPHENYL	22.0	29.0	17.0	31.8	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,3',4,4'-TETRACHLOROBIPHENYL	6.7	3.6	7.2	46.3	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,3',4,4'-TETRACHLOROBIPHENYL	3.2	9.3	7.3	191	NA	OK

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OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,3',4,4'-TETRACHLOROBIPHENYL	22.0	12.0	9.9	45.5	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	30.0	10.0		NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,3,3',4,4',5'-Hexachlorobiphenyl	6.4	22.0	11.0	244	NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,3,3',4,4',5'-Hexachlorobiphenyl	5.4	6.9	11.0	27.8	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,3,3',4,4',5'-Hexachlorobiphenyl	9.6	7.5	12.0	21.9	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,3,3',4,4',5'-Hexachlorobiphenyl	13.0	6.5	14.0	50.0	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	7.1	17.0		NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	5.4	8.1		NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,3,3',4,4',5'-Hexachlorobiphenyl	3.0	6.9	8.1	130	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	4.9	8.4		NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	4.1	8.8		NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	5.6	8.8		NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,3,3',4,4',5'-Hexachlorobiphenyl	3.5	ND	8.9	100	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,3,3',4,4',5'-Hexachlorobiphenyl	4.0	8.5	9.1	113	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,3,3',4,4',5'-Hexachlorobiphenyl	7.3	13.0	9.3	78.1	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,3,3',4,4',5'-Hexachlorobiphenyl	5.2	ND	9.9	100	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	14.0	NA	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	17.0	NA	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	9.1	NA	NA	OK

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OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,3,3',4,4',5-Hexachlorobiphenyl	ND	7.4	8.1		NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,3,3',4,4',5-Hexachlorobiphenyl	ND	6.2	8.1		NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	8.4	NA	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,3,3',4,4',5-Hexachlorobiphenyl	ND	3.8	8.8		NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,3,3',4,4',5-Hexachlorobiphenyl	ND	4.9	8.8		NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	8.9	NA	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,3,3',4,4',5-Hexachlorobiphenyl	ND	6.0	9.1		NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,3,3',4,4',5-Hexachlorobiphenyl	ND	10.0	9.3		NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,3,3',4,4',5-Hexachlorobiphenyl	3.9	ND	9.9	100	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,3,3',4,4'-PENTACHLOROBIPHENYL	11.0	48.0	10.0	336	NA	37.0000
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,3,3',4,4'-PENTACHLOROBIPHENYL	24.0	72.0	11.0	200	NA	48.0000
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,3,3',4,4'-PENTACHLOROBIPHENYL	16.0	45.0	11.0	181	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,3,3',4,4'-PENTACHLOROBIPHENYL	30.0	43.0	12.0	43.3	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,3,3',4,4'-PENTACHLOROBIPHENYL	63.0	43.0	14.0	31.7	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,3,3',4,4'-PENTACHLOROBIPHENYL	12.0	17.0	17.0	41.7	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,3,3',4,4'-PENTACHLOROBIPHENYL	3.1	ND	7.2	100	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	4.7	7.3		NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,3,3',4,4'-PENTACHLOROBIPHENYL	2.9	3.4	7.4	17.2	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,3,3',4,4'-PENTACHLOROBIPHENYL	4.5	13.0	8.1	189	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.3	18.0	8.1	186	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.1	13.0	8.4	113	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.5	15.0	8.8	131	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	14.0	8.8		NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.7	ND	8.9	100	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.7	17.0	9.1	154	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,3,3',4,4'-PENTACHLOROBIPHENYL	17.0	20.0	9.3	17.6	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,3,3',4,4'-PENTACHLOROBIPHENYL	15.0	8.7	9.9	42.0	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,3,4,4',5-Pentachlorobiphenyl	ND	7.1	10.0		NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,3,4,4',5-Pentachlorobiphenyl	ND	9.2	11.0		NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	11.0	NA	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,3,4,4',5-Pentachlorobiphenyl	ND	4.7	12.0		NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,3,4,4',5-Pentachlorobiphenyl	5.1	ND	14.0	100	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	17.0	NA	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.1	NA	NA	OK

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OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	9.1	NA	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	9.3	NA	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	9.9	NA	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,4'-DICHLOROBIPHENYL	ND	6.9	10.0		NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,4'-DICHLOROBIPHENYL	8.4	12.0	11.0	42.9	NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,4'-DICHLOROBIPHENYL	4.5	5.7	11.0	26.7	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,4'-DICHLOROBIPHENYL	5.4	9.4	12.0	74.1	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,4'-DICHLOROBIPHENYL	11.0	9.4	14.0	14.5	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,4'-DICHLOROBIPHENYL	ND	ND	17.0	NA	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,4'-DICHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,4'-DICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,4'-DICHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,4'-DICHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,4'-DICHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,4'-DICHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,4'-DICHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,4'-DICHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,4'-DICHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,4'-DICHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	2,4'-DICHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	2,4'-DICHLOROBIPHENYL	ND	ND	9.1	NA	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	2,4'-DICHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	2,4'-DICHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	2,4,4'-TRICHLOROBIPHENYL	12.0	48.0	10.0	300	NA	36.0000
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	2,4,4'-TRICHLOROBIPHENYL	26.0	75.0	11.0	188	NA	49.0000
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	2,4,4'-TRICHLOROBIPHENYL	20.0	38.0	11.0	90.0	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	2,4,4'-TRICHLOROBIPHENYL	30.0	52.0	12.0	73.3	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	2,4,4'-TRICHLOROBIPHENYL	67.0	51.0	14.0	23.9	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	2,4,4'-TRICHLOROBIPHENYL	8.4	13.0	17.0	54.8	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	2,4,4'-TRICHLOROBIPHENYL	4.3	ND	7.2	100	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	2,4,4'-TRICHLOROBIPHENYL	ND	5.2	7.3		NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	2,4,4'-TRICHLOROBIPHENYL	3.8	3.4	7.4	10.5	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	2,4,4'-TRICHLOROBIPHENYL	2.9	12.0	8.1	314	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	2,4,4'-TRICHLOROBIPHENYL	5.7	12.0	8.1	111	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	2,4,4'-TRICHLOROBIPHENYL	3.3	12.0	8.4	264	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	2,4,4'-TRICHLOROBIPHENYL	5.3	9.0	8.8	69.8	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	2,4,4'-TRICHLOROBIPHENYL	3.3	13.0	8.8	294	NA	OK

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OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.1	NA	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	3,3',4,4',5-PENTACHLOROBIPHENYL	4.3	22.0	10.0	412	NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	3,3',4,4',5-PENTACHLOROBIPHENYL	16.0	ND	11.0	100	NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	3,3',4,4',5-PENTACHLOROBIPHENYL	8.3	23.0	11.0	177	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	3,3',4,4',5-PENTACHLOROBIPHENYL	29.0	24.0	12.0	17.2	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	3,3',4,4',5-PENTACHLOROBIPHENYL	39.0	15.0	14.0	61.5	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	9.4	17.0		NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	3,3',4,4',5-PENTACHLOROBIPHENYL	4.8	ND	7.5	100	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	3,3',4,4',5-PENTACHLOROBIPHENYL	2.9	4.3	8.1	48.3	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	3,3',4,4',5-PENTACHLOROBIPHENYL	4.1	7.6	8.1	85.4	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	3,3',4,4',5-PENTACHLOROBIPHENYL	9.8	3.3	8.8	66.3	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	3.7	8.8		NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	3,3',4,4',5-PENTACHLOROBIPHENYL	6.6	ND	8.9	100	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	3,3',4,4',5-PENTACHLOROBIPHENYL	5.0	6.7	9.1	34.0	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	3,3',4,4',5-PENTACHLOROBIPHENYL	4.5	6.1	9.3	35.6	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	3,3',4,4',5-PENTACHLOROBIPHENYL	11.0	13.0	9.9	18.2	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	3,3',4,4'-TETRACHLOROBIPHENYL	3.7	21.0	10.0	468	NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	3,3',4,4'-TETRACHLOROBIPHENYL	6.3	22.0	11.0	249	NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	3,3',4,4'-TETRACHLOROBIPHENYL	5.3	12.0	11.0	126	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	3,3',4,4'-TETRACHLOROBIPHENYL	9.3	14.0	12.0	50.5	NA	OK

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OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	3,3',4,4'-TETRACHLOROBIPHENYL	ND	4.8	8.8		NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	3,3',4,4'-TETRACHLOROBIPHENYL	ND	6.1	9.1		NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	3,3',4,4'-TETRACHLOROBIPHENYL	5.2	11.0	9.3	112	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	3,3',4,4'-TETRACHLOROBIPHENYL	3.9	ND	9.9	100	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	11.0	NA	NA	OK
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	12.0	NA	NA	OK
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	14.0	NA	NA	OK
OA1101200901 / OA1102200901	091114831 / 091116111	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	17.0	NA	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.4	NA	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200907 / OA1102200907	091114834 / 091116114	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1101200903 / OA1102200903	091114832 / 091116112	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.8	NA	NA	OK
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.9	NA	NA	OK
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	9.1	NA	NA	OK
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	9.9	NA	NA	OK
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	PCB-138/158	17.0	87.0	10.0	412	NA	70.0000
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	PCB-138/158	38.0	120	11.0	216	NA	82.0000
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	PCB-138/158	35.0	96.0	11.0	174	NA	61.0000
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	PCB-138/158	65.0	91.0	12.0	40.0	OK	NA
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	PCB-138/158	100	75.0	14.0	25.0	OK	NA
OA1101200901 / OA1102200901	091114831 / 091116111	PCB-138/158	17.0	29.0	17.0	70.6	NA	OK
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	PCB-138/158	ND	ND	7.1	NA	NA	OK
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	PCB-138/158	ND	ND	7.2	NA	NA	OK
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	PCB-138/158	ND	8.6	7.3		NA	OK
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	PCB-138/158	5.9	5.3	7.4	10.2	NA	OK
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	PCB-138/158	ND	ND	7.5	NA	NA	OK
OA1101200905 / OA1102200905	091114833 / 091116113	PCB-138/158	7.7	25.0	8.1	225	NA	OK

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Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1101200965-67 / OA1102200965-67	0911148351 / 0911161157	Total Organic Carbon	1.3	1.1	0.071	15.4	OK	NA
OA1101200969-71 / OA1102200969-71	0911148352 / 0911161158	Total Organic Carbon	1.4	1.2	0.072	14.3	OK	NA
OA1101200957-59 / OA1102200957-59	0911148349 / 0911161155	Total Organic Carbon	1.7	1.5	0.073	11.8	OK	NA
OA1101200961-63 / OA1102200961-63	0911148350 / 0911161156	Total Organic Carbon	1.5	1.3	0.074	13.3	OK	NA
OA1101200953-55 / OA1102200953-55	0911148348 / 0911161154	Total Organic Carbon	2.1	1.1	0.075	47.6	**Out**	NA
OA1101200905 / OA1102200905	091114833 / 091116113	Total Organic Carbon	2.7	1.9	0.081	29.6	OK	NA
OA1101200907 / OA1102200907	091114834 / 091116114	Total Organic Carbon	2.8	2.0	0.081	28.6	OK	NA
OA1101200909-11 / OA1102200909-11	0911148337 / 0911161143	Total Organic Carbon	2.4	2.8	0.084	16.7	OK	NA
OA1101200903 / OA1102200903	091114832 / 091116112	Total Organic Carbon	3.1	1.8	0.088	41.9	**Out**	NA
OA1101200913-15 / OA1102200913-15	0911148338 / 0911161144	Total Organic Carbon	4.0	2.5	0.088	37.5	OK	NA
OA1101200949-51 / OA1102200949-51	0911148347 / 0911161153	Total Organic Carbon	3.9	1.7	0.089	56.4	**Out**	NA
OA1101200917-19 / OA1102200917-19	0911148339 / 0911161145	Total Organic Carbon	3.8	2.6	0.091	31.6	OK	NA
OA1101200921-23 / OA1102200921-23	0911148340 / 0911161146	Total Organic Carbon	1.5	3.7	0.093	147	**Out**	NA
OA1101200945-47 / OA1102200945-47	0911148346 / 0911161152	Total Organic Carbon	6.1	2.8	0.099	54.1	**Out**	NA
OA1101200925-27 / OA1102200925-27	0911148341 / 0911161147	Total Organic Carbon	5.5	3.2	0.10	41.8	**Out**	NA
OA1101200929-31 / OA1102200929-31	0911148342 / 0911161148	Total Organic Carbon	6.2	4.2	0.11	32.3	OK	NA
OA1101200941-43 / OA1102200941-43	0911148345 / 0911161151	Total Organic Carbon	7.8	5.6	0.11	28.2	OK	NA
OA1101200937-39 / OA1102200937-39	0911148344 / 0911161150	Total Organic Carbon	9.4	4.9	0.12	47.9	**Out**	NA
OA1101200933-35 / OA1102200933-35	0911148343 / 0911161149	Total Organic Carbon	11.0	4.7	0.14	57.3	**Out**	NA
OA1101200901 / OA1102200901	091114831 / 091116111	Total Organic Carbon	3.3	2.1	0.17	36.4	OK	NA

Location	Analysis
OA12	BNASIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	1,1-bis(p-chlorophenyl)ethane	690	640	10.0	7.2	OK	NA
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	1,1-bis(p-chlorophenyl)ethane	ND	63.0	6.8		NA	63.0000
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	1,1-bis(p-chlorophenyl)ethane	27.0	15.0	7.0	44.4	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	1,1-bis(p-chlorophenyl)ethane	15.0	9.4	7.0	37.3	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	1,1-bis(p-chlorophenyl)ethane	78.0	46.0	7.2	41.0	**Out**	NA
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	1,1-bis(p-chlorophenyl)ethane	30.0	11.0	7.2	63.3	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	1,1-bis(p-chlorophenyl)ethane	86.0	51.0	7.9	40.7	**Out**	NA
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	1,1-bis(p-chlorophenyl)ethane	290	210	8.1	27.6	OK	NA
OA1201200903 / OA1202200903	091116122 / 091116132	1,1-bis(p-chlorophenyl)ethane	66.0	35.0	8.4	47.0	NA	31.0000
OA1201200905 / OA1202200905	091116123 / 091116133	1,1-bis(p-chlorophenyl)ethane	41.0	48.0	8.5	17.1	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	1,1-bis(p-chlorophenyl)ethane	300	190	9.0	36.7	OK	NA
OA1201200901 / OA1202200901	091116121 / 091116131	1,1-bis(p-chlorophenyl)ethane	67.0	16.0	9.7	76.1	NA	51.0000

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OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	1-chloro-2,2-bis(4'-chlorophenyl)ethylene	1100	550	90.0	50.0	**Out**	NA
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	o,p'-DDD	190	150	10.0	21.1	OK	NA
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	o,p'-DDD	ND	31.0	6.8		NA	31.0000
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	o,p'-DDD	5.1	5.3	7.0	3.9	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	o,p'-DDD	ND	3.8	7.0		NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	o,p'-DDD	21.0	9.6	7.2	54.3	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	o,p'-DDD	6.3	4.3	7.2	31.7	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	o,p'-DDD	51.0	21.0	7.9	58.8	NA	30.0000
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	o,p'-DDD	84.0	53.0	8.1	36.9	OK	NA
OA1201200903 / OA1202200903	091116122 / 091116132	o,p'-DDD	29.0	15.0	8.4	48.3	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	o,p'-DDD	19.0	17.0	8.5	10.5	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	o,p'-DDD	86.0	54.0	9.0	37.2	OK	NA
OA1201200901 / OA1202200901	091116121 / 091116131	o,p'-DDD	27.0	8.7	9.7	67.8	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	o,p'-DDE	1200	900	200	25.0	OK	NA
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	o,p'-DDE	2.9	120	6.8	4040	NA	117.1000
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	o,p'-DDE	27.0	14.0	7.0	48.1	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	o,p'-DDE	15.0	19.0	7.0	26.7	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	o,p'-DDE	81.0	51.0	7.2	37.0	OK	NA
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	o,p'-DDE	33.0	15.0	7.2	54.5	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	o,p'-DDE	190	110	7.9	42.1	**Out**	NA
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	o,p'-DDE	600	310	8.1	48.3	**Out**	NA
OA1201200903 / OA1202200903	091116122 / 091116132	o,p'-DDE	190	86.0	8.4	54.7	**Out**	NA
OA1201200905 / OA1202200905	091116123 / 091116133	o,p'-DDE	110	110	8.5	0.0000	OK	NA
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	o,p'-DDE	530	210	9.0	60.4	**Out**	NA
OA1201200901 / OA1202200901	091116121 / 091116131	o,p'-DDE	180	48.0	9.7	73.3	**Out**	NA
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	o,p'-DDT	12.0	18.0	10.0	50.0	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	o,p'-DDT	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	o,p'-DDT	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	o,p'-DDT	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	o,p'-DDT	9.6	ND	7.2	100	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	o,p'-DDT	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	o,p'-DDT	4.9	ND	7.9	100	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	o,p'-DDT	9.6	ND	8.1	100	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	o,p'-DDT	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	o,p'-DDT	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	o,p'-DDT	6.4	4.5	9.0	29.7	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	o,p'-DDT	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	p,p'-DDD	870	770	10.0	11.5	OK	NA

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OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	p,p'-DDE	6700	4100	200	38.8	OK	NA
OA1201200907 / OA1202200907	091116124 / 091116134	p,p'-DDE	860	590	40.0	31.4	OK	NA
OA1201200903 / OA1202200903	091116122 / 091116132	p,p'-DDE	900	470	42.0	47.8	**Out**	NA
OA1201200901 / OA1202200901	091116121 / 091116131	p,p'-DDE	1000	280	49.0	72.0	**Out**	NA
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	p,p'-DDE	18.0	700	6.8	3790	NA	682.0000
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	p,p'-DDE	130	80.0	7.0	38.5	OK	NA
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	p,p'-DDE	75.0	140	7.0	86.7	**Out**	NA
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	p,p'-DDE	480	280	7.2	41.7	**Out**	NA
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	p,p'-DDE	140	91.0	7.2	35.0	OK	NA
OA1201200905 / OA1202200905	091116123 / 091116133	p,p'-DDE	660	600	8.5	9.1	OK	NA
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	p,p'-DDE	2400	1200	81.0	50.0	**Out**	NA
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	p,p'-DDE	2900	1000	90.0	65.5	**Out**	NA
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	p,p'-DDT	13.0	210	10.0	1520	NA	197.0000
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	p,p'-DDT	27.0	5.6	6.8	79.3	NA	21.4000
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	p,p'-DDT	10.0	38.0	7.0	280	NA	28.0000
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	p,p'-DDT	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	p,p'-DDT	59.0	ND	7.2	100	NA	59.0000
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	p,p'-DDT	8.8	ND	7.2	100	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	p,p'-DDT	21.0	8.7	7.9	58.6	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	p,p'-DDT	6.2	34.0	8.1	448	NA	27.8000
OA1201200903 / OA1202200903	091116122 / 091116132	p,p'-DDT	ND	20.0	8.4		NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	p,p'-DDT	ND	11.0	8.5		NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	p,p'-DDT	9.3	42.0	9.0	352	NA	32.7000
OA1201200901 / OA1202200901	091116121 / 091116131	p,p'-DDT	12.0	72.0	9.7	500	NA	60.0000

Location OA12 **Analysis** D2216

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1201200901 / OA1202200901	091116121 / 091116131	Moisture	48.6	45.9	0.10	5.6	OK	NA
OA1201200903 / OA1202200903	091116122 / 091116132	Moisture	40.4	39.0	0.10	3.5	OK	NA
OA1201200905 / OA1202200905	091116123 / 091116133	Moisture	41.5	35.5	0.10	14.5	OK	NA
OA1201200907 / OA1202200907	091116124 / 091116134	Moisture	37.0	35.9	0.10	3.0	OK	NA
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	Moisture	38.1	40.6	0.10	6.6	OK	NA
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	Moisture	50.0	47.7	0.10	4.6	OK	NA
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	Moisture	44.7	35.9	0.10	19.7	OK	NA
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	Moisture	30.3	30.5	0.10	0.66	OK	NA
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	Moisture	28.9	29.7	0.10	2.8	OK	NA
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	Moisture	30.5	29.9	0.10	2.0	OK	NA

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OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	3.1	8.4		NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	9.0	NA	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	5.5	10.0		NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	3.2	ND	9.0	100	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	5.4	ND	10.0	100	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK

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OA1201200901 / OA1202200901	091116121 / 091116131	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	3.4	3.1	10.0	8.8	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	9.0	NA	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	18.0	13.0	10.0	27.8	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.6	ND	7.2	100	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	3.0	ND	7.9	100	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.9	6.1	8.1	110	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	3.4	3.2	8.4	5.9	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.2	ND	9.0	100	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	5.5	ND	9.7	100	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	15.0	11.0	10.0	26.7	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	5.6	8.1		NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	2.8	ND	8.5	100	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.6	ND	9.0	100	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	4.3	ND	9.7	100	NA	OK

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OA1201200901 / OA1202200901	091116121 / 091116131	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	5.4	ND	9.7	100	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	36.0	25.0	10.0	30.6	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	4.3	ND	7.2	100	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	6.6	2.9	7.9	56.1	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	5.3	11.0	8.1	108	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	7.5	6.0	8.4	20.0	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	4.2	3.0	8.5	28.6	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	16.0	ND	9.0	100	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	10.0	ND	9.7	100	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,2',3,5'-TETRACHLOROBIPHENYL	63.0	49.0	10.0	22.2	OK	NA
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,2',3,5'-TETRACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,2',3,5'-TETRACHLOROBIPHENYL	2.8	ND	7.0	100	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,2',3,5'-TETRACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,2',3,5'-TETRACHLOROBIPHENYL	7.4	2.6	7.2	64.9	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,2',3,5'-TETRACHLOROBIPHENYL	2.7	ND	7.2	100	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,2',3,5'-TETRACHLOROBIPHENYL	9.5	3.5	7.9	63.2	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,2',3,5'-TETRACHLOROBIPHENYL	8.8	19.0	8.1	116	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,2',3,5'-TETRACHLOROBIPHENYL	7.0	7.4	8.4	5.7	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,2',3,5'-TETRACHLOROBIPHENYL	5.1	3.9	8.5	23.5	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,2',3,5'-TETRACHLOROBIPHENYL	31.0	3.8	9.0	87.7	NA	27.2000
OA1201200901 / OA1202200901	091116121 / 091116131	2,2',3,5'-TETRACHLOROBIPHENYL	10.0	ND	9.7	100	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	73.0	57.0	10.0	21.9	OK	NA
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	2.8	ND	7.0	100	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.2	2.9	7.2	64.6	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	3.0	ND	7.2	100	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	13.0	5.5	7.9	57.7	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	22.0	8.1	100	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	11.0	12.0	8.4	9.1	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.3	5.7	8.5	31.3	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	36.0	4.2	9.0	88.3	NA	31.8000
OA1201200901 / OA1202200901	091116121 / 091116131	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	20.0	ND	9.7	100	NA	OK

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OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,2',5,5'-TETRACHLOROBIPHENYL	86.0	63.0	10.0	26.7	OK	NA
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,2',5,5'-TETRACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,2',5,5'-TETRACHLOROBIPHENYL	3.6	ND	7.0	100	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,2',5,5'-TETRACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,2',5,5'-TETRACHLOROBIPHENYL	9.4	3.2	7.2	66.0	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,2',5,5'-TETRACHLOROBIPHENYL	3.7	ND	7.2	100	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,2',5,5'-TETRACHLOROBIPHENYL	13.0	5.1	7.9	60.8	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,2',5,5'-TETRACHLOROBIPHENYL	12.0	26.0	8.1	117	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,2',5,5'-TETRACHLOROBIPHENYL	9.7	11.0	8.4	13.4	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,2',5,5'-TETRACHLOROBIPHENYL	6.4	5.6	8.5	12.5	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,2',5,5'-TETRACHLOROBIPHENYL	43.0	5.0	9.0	88.4	NA	38.0000
OA1201200901 / OA1202200901	091116121 / 091116131	2,2',5,5'-TETRACHLOROBIPHENYL	15.0	ND	9.7	100	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,2',5-TRICHLOROBIPHENYL	27.0	25.0	10.0	7.4	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,2',5-TRICHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,2',5-TRICHLOROBIPHENYL	5.1	ND	7.2	100	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,2',5-TRICHLOROBIPHENYL	4.3	ND	7.9	100	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,2',5-TRICHLOROBIPHENYL	4.2	10.0	8.1	138	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,2',5-TRICHLOROBIPHENYL	3.3	3.9	8.4	18.2	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,2',5-TRICHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,2',5-TRICHLOROBIPHENYL	13.0	ND	9.0	100	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,2',5-TRICHLOROBIPHENYL	4.6	ND	9.7	100	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.0	NA	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,3',4,4',5-Pentachlorobiphenyl	81.0	62.0	10.0	23.5	OK	NA

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OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,3',4,4'-TETRACHLOROBIPHENYL	2.7	ND	7.0	100	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,3',4,4'-TETRACHLOROBIPHENYL	6.8	ND	7.2	100	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,3',4,4'-TETRACHLOROBIPHENYL	2.9	ND	7.2	100	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,3',4,4'-TETRACHLOROBIPHENYL	12.0	5.3	7.9	55.8	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,3',4,4'-TETRACHLOROBIPHENYL	11.0	21.0	8.1	90.9	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,3',4,4'-TETRACHLOROBIPHENYL	9.6	8.8	8.4	8.3	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,3',4,4'-TETRACHLOROBIPHENYL	7.1	5.5	8.5	22.5	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,3',4,4'-TETRACHLOROBIPHENYL	33.0	3.8	9.0	88.5	NA	29.2000
OA1201200901 / OA1202200901	091116121 / 091116131	2,3',4,4'-TETRACHLOROBIPHENYL	15.0	ND	9.7	100	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,3,3',4,4',5'-Hexachlorobiphenyl	10.0	8.5	10.0	15.0	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	4.8	8.1		NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,3,3',4,4',5'-Hexachlorobiphenyl	3.3	ND	9.0	100	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	9.0	NA	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,3,3',4,4',5-Hexachlorobiphenyl	11.0	7.4	10.0	32.7	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	6.8	NA	NA	OK

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OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,3,3',4,4'-PENTACHLOROBIPHENYL	4.1	ND	7.2	100	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,3,3',4,4'-PENTACHLOROBIPHENYL	7.2	3.2	7.9	55.6	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.1	13.0	8.1	113	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,3,3',4,4'-PENTACHLOROBIPHENYL	6.5	6.3	8.4	3.1	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,3,3',4,4'-PENTACHLOROBIPHENYL	4.6	3.8	8.5	17.4	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,3,3',4,4'-PENTACHLOROBIPHENYL	19.0	ND	9.0	100	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,3,3',4,4'-PENTACHLOROBIPHENYL	9.6	ND	9.7	100	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	10.0	NA	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	8.1	NA	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	9.0	NA	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,4'-DICHLOROBIPHENYL	5.7	6.2	10.0	8.8	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,4'-DICHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,4'-DICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	2,4'-DICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	2,4'-DICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	2,4'-DICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	2,4'-DICHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	2,4'-DICHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	2,4'-DICHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	2,4'-DICHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	2,4'-DICHLOROBIPHENYL	3.4	ND	9.0	100	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	2,4'-DICHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	2,4,4'-TRICHLOROBIPHENYL	33.0	22.0	10.0	33.3	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	2,4,4'-TRICHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK

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OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.0	NA	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	3,3',4,4',5-PENTACHLOROBIPHENYL	3.9	10.0	10.0	156	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	3.2	8.1		NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	9.0	NA	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	3,3',4,4'-TETRACHLOROBIPHENYL	9.6	7.0	10.0	27.1	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.9	NA	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.1	NA	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.4	NA	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	8.5	NA	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	3,3',4,4'-TETRACHLOROBIPHENYL	4.5	ND	9.0	100	NA	OK
OA1201200901 / OA1202200901	091116121 / 091116131	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	9.7	NA	NA	OK
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	6.8	NA	NA	OK
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK

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OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	PCB-138/158	8.2	ND	7.2	100	NA	OK
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	PCB-138/158	ND	ND	7.2	NA	NA	OK
OA1201200907 / OA1202200907	091116124 / 091116134	PCB-138/158	14.0	5.8	7.9	58.6	NA	OK
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	PCB-138/158	12.0	22.0	8.1	83.3	NA	OK
OA1201200903 / OA1202200903	091116122 / 091116132	PCB-138/158	11.0	13.0	8.4	18.2	NA	OK
OA1201200905 / OA1202200905	091116123 / 091116133	PCB-138/158	7.9	5.5	8.5	30.4	NA	OK
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	PCB-138/158	37.0	ND	9.0	100	NA	37.0000
OA1201200901 / OA1202200901	091116121 / 091116131	PCB-138/158	22.0	ND	9.7	100	NA	OK

Location	**Analysis**
OA12	SW9060

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1201200937-39 / OA1202200937-39	0911161228 / 0911161329	Total Organic Carbon	0.89	1.4	0.068	57.3	OK	NA
OA1201200925-27 / OA1202200925-27	0911161225 / 0911161326	Total Organic Carbon	0.96	1.1	0.070	14.6	OK	NA
OA1201200933-35 / OA1202200933-35	0911161227 / 0911161328	Total Organic Carbon	1.0	1.1	0.070	10.0	OK	NA
OA1201200921-23 / OA1202200921-23	0911161224 / 0911161325	Total Organic Carbon	1.1	1.2	0.072	9.1	OK	NA
OA1201200929-31 / OA1202200929-31	0911161226 / 0911161327	Total Organic Carbon	1.1	1.1	0.072	0.0000	OK	NA
OA1201200907 / OA1202200907	091116124 / 091116134	Total Organic Carbon	1.6	1.5	0.079	6.3	OK	NA
OA1201200909-11 / OA1202200909-11	0911161221 / 0911161322	Total Organic Carbon	1.7	2.1	0.081	23.5	OK	NA
OA1201200903 / OA1202200903	091116122 / 091116132	Total Organic Carbon	1.5	1.7	0.084	13.3	OK	NA
OA1201200905 / OA1202200905	091116123 / 091116133	Total Organic Carbon	1.7	1.5	0.085	11.8	OK	NA
OA1201200917-19 / OA1202200917-19	0911161223 / 0911161324	Total Organic Carbon	2.5	1.6	0.090	36.0	OK	NA
OA1201200901 / OA1202200901	091116121 / 091116131	Total Organic Carbon	1.6	1.6	0.097	0.0000	OK	NA
OA1201200913-15 / OA1202200913-15	0911161222 / 0911161323	Total Organic Carbon	3.0	3.0	0.10	0.0000	OK	NA

Location	**Analysis**
OA16	BNASIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1601200901 / OA1602200901	091116171 / 091116181	1,1-bis(p-chlorophenyl)ethane	130	110	10.0	15.4	OK	NA
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	1,1-bis(p-chlorophenyl)ethane	1800	650	500	63.9	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	1,1-bis(p-chlorophenyl)ethane	44.0	110	7.0	150	**Out**	NA
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	1,1-bis(p-chlorophenyl)ethane	140	120	7.2	14.3	OK	NA
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	1,1-bis(p-chlorophenyl)ethane	290	530	7.5	82.8	**Out**	NA
OA1601200905 / OA1602200905	091116173 / 091116183	1,1-bis(p-chlorophenyl)ethane	150	120	8.0	20.0	OK	NA
OA1601200903 / OA1602200903	091116172 / 091116182	1,1-bis(p-chlorophenyl)ethane	160	160	8.2	0.0000	OK	NA
OA1601200907 / OA1602200907	091116174 / 091116184	1,1-bis(p-chlorophenyl)ethane	350	270	9.2	22.9	OK	NA

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OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	o,p'-DDD	8.7	17.0	7.0	95.4	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	o,p'-DDD	32.0	21.0	7.2	34.4	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	o,p'-DDD	96.0	130	7.5	35.4	OK	NA
OA1601200905 / OA1602200905	091116173 / 091116183	o,p'-DDD	66.0	39.0	8.0	40.9	NA	27.0000
OA1601200903 / OA1602200903	091116172 / 091116182	o,p'-DDD	66.0	59.0	8.2	10.6	OK	NA
OA1601200907 / OA1602200907	091116174 / 091116184	o,p'-DDD	110	84.0	9.2	23.6	OK	NA
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	o,p'-DDD	200	210	9.5	5.0	OK	NA
OA1601200901 / OA1602200901	091116171 / 091116181	o,p'-DDE	480	410	10.0	14.6	OK	NA
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	o,p'-DDE	2300	1400	190	39.1	OK	NA
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	o,p'-DDE	4000	1500	500	62.5	**Out**	NA
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	o,p'-DDE	62.0	150	7.0	142	**Out**	NA
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	o,p'-DDE	200	170	7.2	15.0	OK	NA
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	o,p'-DDE	510	560	7.5	9.8	OK	NA
OA1601200905 / OA1602200905	091116173 / 091116183	o,p'-DDE	470	380	8.0	19.1	OK	NA
OA1601200903 / OA1602200903	091116172 / 091116182	o,p'-DDE	500	530	8.2	6.0	OK	NA
OA1601200907 / OA1602200907	091116174 / 091116184	o,p'-DDE	790	720	9.2	8.9	OK	NA
OA1601200901 / OA1602200901	091116171 / 091116181	o,p'-DDT	ND	7.4	10.0		NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	o,p'-DDT	37.0	21.0	10.0	43.2	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	o,p'-DDT	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	o,p'-DDT	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	o,p'-DDT	7.4	7.3	7.5	1.4	NA	OK
OA1601200905 / OA1602200905	091116173 / 091116183	o,p'-DDT	4.9	ND	8.0	100	NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	o,p'-DDT	6.8	8.0	8.2	17.6	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	o,p'-DDT	ND	6.1	9.2		NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	o,p'-DDT	20.0	21.0	9.5	5.0	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	p,p'-DDD	200	300	10.0	50.0	OK	NA
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	p,p'-DDD	1700	750	500	55.9	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	p,p'-DDD	25.0	43.0	7.0	72.0	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	p,p'-DDD	120	68.0	7.2	43.3	**Out**	NA
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	p,p'-DDD	660	500	7.5	24.2	OK	NA
OA1601200905 / OA1602200905	091116173 / 091116183	p,p'-DDD	260	180	8.0	30.8	OK	NA
OA1601200903 / OA1602200903	091116172 / 091116182	p,p'-DDD	240	260	8.2	8.3	OK	NA
OA1601200907 / OA1602200907	091116174 / 091116184	p,p'-DDD	410	530	9.2	29.3	OK	NA
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	p,p'-DDD	690	860	9.5	24.6	OK	NA
OA1601200901 / OA1602200901	091116171 / 091116181	p,p'-DDE	2700	2000	100	25.9	OK	NA
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	p,p'-DDE	11000	6900	190	37.3	OK	NA

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OA1601200903 / OA1602200903	091116172 / 091116182	p,p'-DDT	ND	ND	8.2	NA	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	p,p'-DDT	ND	6.4	9.2		NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	p,p'-DDT	ND	ND	9.5	NA	NA	OK

Location OA16 **Analysis** D2216

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1601200901 / OA1602200901	091116171 / 091116181	Moisture	51.7	56.1	0.10	8.5	OK	NA
OA1601200903 / OA1602200903	091116172 / 091116182	Moisture	38.8	39.3	0.10	1.3	OK	NA
OA1601200905 / OA1602200905	091116173 / 091116183	Moisture	37.2	38.7	0.10	4.0	OK	NA
OA1601200907 / OA1602200907	091116174 / 091116184	Moisture	45.8	39.3	0.10	14.2	OK	NA
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	Moisture	50.2	49.7	0.10	1.00	OK	NA
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	Moisture	47.5	48.6	0.10	2.3	OK	NA
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	Moisture	33.3	40.7	0.10	22.2	OK	NA
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	Moisture	30.5	31.8	0.10	4.3	OK	NA
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	Moisture	28.6	31.9	0.10	11.5	OK	NA

Location OA16 **Analysis** PCBSIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1601200901 / OA1602200901	091116171 / 091116181	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2',3,4,4',5-PENTACHLOROBIPHENYL	4.3	6.0	10.0	39.5	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	4.2	7.5		NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2',3,4,4',5-PENTACHLOROBIPHENYL	7.4	3.6	9.2	51.4	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	5.8	9.5		NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	4.5	ND	10.0	100	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	5.3	10.0		NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK

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OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	3.4	7.5		NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	3.6	ND	9.2	100	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	9.5	NA	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	3.4	ND	10.0	100	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	3.3	10.0		NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	3.3	ND	8.2	100	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	6.1	ND	9.2	100	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	9.5	NA	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	5.9	4.6	10.0	22.0	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	8.3	12.0	10.0	44.6	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.6	9.3	7.5	258	NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.4	3.4	8.2	54.1	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	9.5	5.0	9.2	47.4	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	7.7	12.0	9.5	55.8	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.7	7.4	10.0	10.4	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.7	13.0	10.0	94.0	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	2.9	9.2	7.5	217	NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	8.3	3.5	8.2	57.8	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	12.0	5.6	9.2	53.3	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	9.6	9.8	9.5	2.1	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	5.5	6.5	10.0	18.2	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	9.1	13.0	10.0	42.9	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK

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OA1601200901 / OA1602200901	091116171 / 091116181	2,2',3,5'-TETRACHLOROBIPHENYL	18.0	15.0	10.0	16.7	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,2',3,5'-TETRACHLOROBIPHENYL	30.0	48.0	10.0	60.0	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,2',3,5'-TETRACHLOROBIPHENYL	ND	3.0	7.0		NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,2',3,5'-TETRACHLOROBIPHENYL	4.6	2.9	7.2	37.0	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,2',3,5'-TETRACHLOROBIPHENYL	6.1	25.0	7.5	310	NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2,2',3,5'-TETRACHLOROBIPHENYL	15.0	11.0	8.2	26.7	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,2',3,5'-TETRACHLOROBIPHENYL	35.0	17.0	9.2	51.4	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,2',3,5'-TETRACHLOROBIPHENYL	29.0	38.0	9.5	31.0	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	27.0	24.0	10.0	11.1	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	35.0	53.0	10.0	51.4	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	3.6	7.0		NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	4.9	3.6	7.2	26.5	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	8.1	38.0	7.5	369	NA	29.9000
OA1601200903 / OA1602200903	091116172 / 091116182	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	32.0	16.0	8.2	50.0	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	62.0	24.0	9.2	61.3	NA	38.0000
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	37.0	49.0	9.5	32.4	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,2',4,5,5'-PENTACHLOROBIPHENYL	26.0	21.0	10.0	19.2	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,2',4,5,5'-PENTACHLOROBIPHENYL	42.0	68.0	10.0	61.9	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	4.4	7.0		NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,2',4,5,5'-PENTACHLOROBIPHENYL	4.7	4.2	7.2	10.6	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,2',4,5,5'-PENTACHLOROBIPHENYL	9.7	41.0	7.5	323	NA	31.3000
OA1601200903 / OA1602200903	091116172 / 091116182	2,2',4,5,5'-PENTACHLOROBIPHENYL	32.0	18.0	8.2	43.8	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,2',4,5,5'-PENTACHLOROBIPHENYL	59.0	27.0	9.2	54.2	NA	32.0000
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,2',4,5,5'-PENTACHLOROBIPHENYL	43.0	58.0	9.5	34.9	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,2',5,5'-TETRACHLOROBIPHENYL	20.0	15.0	10.0	25.0	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,2',5,5'-TETRACHLOROBIPHENYL	40.0	62.0	10.0	55.0	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,2',5,5'-TETRACHLOROBIPHENYL	ND	3.8	7.0		NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,2',5,5'-TETRACHLOROBIPHENYL	4.1	4.4	7.2	7.3	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,2',5,5'-TETRACHLOROBIPHENYL	8.3	34.0	7.5	310	NA	25.7000
OA1601200903 / OA1602200903	091116172 / 091116182	2,2',5,5'-TETRACHLOROBIPHENYL	25.0	16.0	8.2	36.0	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,2',5,5'-TETRACHLOROBIPHENYL	42.0	26.0	9.2	38.1	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,2',5,5'-TETRACHLOROBIPHENYL	39.0	51.0	9.5	30.8	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,2',5-TRICHLOROBIPHENYL	4.2	8.3	10.0	97.6	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,2',5-TRICHLOROBIPHENYL	16.0	21.0	10.0	31.3	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,2',5-TRICHLOROBIPHENYL	2.5	ND	7.2	100	NA	OK

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OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,3',4,4',5-Pentachlorobiphenyl	40.0	60.0	10.0	50.0	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,3',4,4',5-Pentachlorobiphenyl	ND	3.3	7.0		NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,3',4,4',5-Pentachlorobiphenyl	4.0	3.2	7.2	20.0	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,3',4,4',5-Pentachlorobiphenyl	8.0	35.0	7.5	338	NA	27.0000
OA1601200903 / OA1602200903	091116172 / 091116182	2,3',4,4',5-Pentachlorobiphenyl	32.0	16.0	8.2	50.0	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,3',4,4',5-Pentachlorobiphenyl	60.0	24.0	9.2	60.0	NA	36.0000
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,3',4,4',5-Pentachlorobiphenyl	41.0	48.0	9.5	17.1	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,3',4,4'-TETRACHLOROBIPHENYL	22.0	19.0	10.0	13.6	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,3',4,4'-TETRACHLOROBIPHENYL	34.0	56.0	10.0	64.7	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,3',4,4'-TETRACHLOROBIPHENYL	ND	3.0	7.0		NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,3',4,4'-TETRACHLOROBIPHENYL	2.9	2.7	7.2	6.9	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,3',4,4'-TETRACHLOROBIPHENYL	6.5	25.0	7.5	285	NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2,3',4,4'-TETRACHLOROBIPHENYL	24.0	13.0	8.2	45.8	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,3',4,4'-TETRACHLOROBIPHENYL	48.0	21.0	9.2	56.3	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,3',4,4'-TETRACHLOROBIPHENYL	34.0	42.0	9.5	23.5	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	4.5	10.0		NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,3,3',4,4',5'-Hexachlorobiphenyl	5.9	13.0	10.0	120	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	7.9	7.5		NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	3.7	8.2		NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,3,3',4,4',5'-Hexachlorobiphenyl	13.0	5.7	9.2	56.2	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,3,3',4,4',5'-Hexachlorobiphenyl	5.8	11.0	9.5	89.7	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	9.2	NA	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	9.5	NA	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,3,3',4,4',5-Hexachlorobiphenyl	26.0	31.0	10.0	19.2	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,3,3',4,4',5-Hexachlorobiphenyl	6.0	ND	10.0	100	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.5	NA	NA	OK

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OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	7.5	NA	NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	8.2	NA	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,3,4,4',5-Pentachlorobiphenyl	4.6	ND	9.2	100	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,3,4,4',5-Pentachlorobiphenyl	ND	ND	9.5	NA	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,4'-DICHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,4'-DICHLOROBIPHENYL	ND	4.9	10.0		NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,4'-DICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,4'-DICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,4'-DICHLOROBIPHENYL	ND	4.0	7.5		NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2,4'-DICHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,4'-DICHLOROBIPHENYL	ND	ND	9.2	NA	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,4'-DICHLOROBIPHENYL	ND	4.6	9.5		NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	2,4,4'-TRICHLOROBIPHENYL	5.7	8.5	10.0	49.1	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	2,4,4'-TRICHLOROBIPHENYL	12.0	23.0	10.0	91.7	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	2,4,4'-TRICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	2,4,4'-TRICHLOROBIPHENYL	3.6	14.0	7.5	289	NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	2,4,4'-TRICHLOROBIPHENYL	12.0	4.0	8.2	66.7	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	2,4,4'-TRICHLOROBIPHENYL	18.0	6.6	9.2	63.3	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	2,4,4'-TRICHLOROBIPHENYL	12.0	16.0	9.5	33.3	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	4.1	ND	9.2	100	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.5	NA	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	10.0	NA	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	3,3',4,4',5-PENTACHLOROBIPHENYL	5.1	6.7	10.0	31.4	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	6.3	7.5		NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK

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OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA1601200903 / OA1602200903	091116172 / 091116182	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	8.2	NA	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	9.2	NA	NA	OK
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	3,4,4',5-TETRACHLOROBIPHENYL	ND	ND	9.5	NA	NA	OK
OA1601200901 / OA1602200901	091116171 / 091116181	PCB-138/158	27.0	21.0	10.0	22.2	NA	OK
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	PCB-138/158	38.0	57.0	10.0	50.0	NA	OK
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	PCB-138/158	ND	ND	7.0	NA	NA	OK
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	PCB-138/158	ND	ND	7.2	NA	NA	OK
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	PCB-138/158	9.2	39.0	7.5	324	NA	29.8000
OA1601200903 / OA1602200903	091116172 / 091116182	PCB-138/158	27.0	17.0	8.2	37.0	NA	OK
OA1601200907 / OA1602200907	091116174 / 091116184	PCB-138/158	62.0	25.0	9.2	59.7	NA	37.0000
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	PCB-138/158	39.0	51.0	9.5	30.8	NA	OK

Location OA16 **Analysis** SW9060

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA1601200925-27 / OA1602200925-27	0911161720 / 0911161829	Total Organic Carbon	1.1	1.2	0.070	9.1	OK	NA
OA1601200921-23 / OA1602200921-23	0911161719 / 0911161828	Total Organic Carbon	1.8	1.2	0.072	33.3	OK	NA
OA1601200917-19 / OA1602200917-19	0911161718 / 0911161827	Total Organic Carbon	2.1	2.1	0.075	0.0000	OK	NA
OA1601200905 / OA1602200905	091116173 / 091116183	Total Organic Carbon	1.8	1.7	0.080	5.6	OK	NA
OA1601200903 / OA1602200903	091116172 / 091116182	Total Organic Carbon	1.5	1.7	0.082	13.3	OK	NA
OA1601200907 / OA1602200907	091116174 / 091116184	Total Organic Carbon	3.0	1.9	0.092	36.7	OK	NA
OA1601200913-15 / OA1602200913-15	0911161717 / 0911161826	Total Organic Carbon	3.6	3.1	0.095	13.9	OK	NA
OA1601200901 / OA1602200901	091116171 / 091116181	Total Organic Carbon	1.7	3.9	0.10	129	**Out**	NA
OA1601200909-11 / OA1602200909-11	0911161716 / 0911161825	Total Organic Carbon	3.1	3.1	0.10	0.0000	OK	NA

Location OA22 **Analysis** BNASIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	1,1-bis(p-chlorophenyl)ethane	84.0	81.0	7.1	3.6	OK	NA
OA2201200905 / OA2202200905	091117373 / 091117383	1,1-bis(p-chlorophenyl)ethane	24.0	90.0	7.2	275	NA	66.0000
OA2201200907 / OA2202200907	091117374 / 091117384	1,1-bis(p-chlorophenyl)ethane	25.0	150	7.2	500	NA	125.0000
OA2201200903 / OA2202200903	091117372 / 091117382	1,1-bis(p-chlorophenyl)ethane	13.0	42.0	7.3	223	NA	29.0000

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OA2201200907 / OA2202200907	091117374 / 091117384	o,p'-DDD	9.6	63.0	7.2	556	NA	53.4000
OA2201200903 / OA2202200903	091117372 / 091117382	o,p'-DDD	8.8	19.0	7.3	116	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	o,p'-DDD	36.0	44.0	7.3	22.2	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	o,p'-DDD	20.0	170	7.5	750	NA	150.0000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	o,p'-DDD	51.0	160	7.8	214	**Out**	NA
OA2201200901 / OA2202200901	091117371 / 091117381	o,p'-DDD	5.9	18.0	9.3	205	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	o,p'-DDE	150	240	7.1	60.0	OK	NA
OA2201200905 / OA2202200905	091117373 / 091117383	o,p'-DDE	76.0	340	7.2	347	**Out**	NA
OA2201200907 / OA2202200907	091117374 / 091117384	o,p'-DDE	64.0	490	7.2	666	**Out**	NA
OA2201200903 / OA2202200903	091117372 / 091117382	o,p'-DDE	52.0	180	7.3	246	**Out**	NA
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	o,p'-DDE	220	380	7.3	72.7	**Out**	NA
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	o,p'-DDE	130	1800	7.5	1280	NA	1670.0000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	o,p'-DDE	420	1200	7.8	186	NA	780.0000
OA2201200901 / OA2202200901	091117371 / 091117381	o,p'-DDE	40.0	150	9.3	275	NA	110.0000
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	o,p'-DDT	ND	4.6	7.1		NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	o,p'-DDT	ND	ND	7.2	NA	NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	o,p'-DDT	ND	ND	7.2	NA	NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	o,p'-DDT	ND	ND	7.3	NA	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	o,p'-DDT	ND	6.0	7.3		NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	o,p'-DDT	ND	23.0	7.5		NA	23.0000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	o,p'-DDT	5.8	17.0	7.8	193	NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	o,p'-DDT	ND	ND	9.3	NA	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	p,p'-DDD	100	54.0	7.1	46.0	**Out**	NA
OA2201200905 / OA2202200905	091117373 / 091117383	p,p'-DDD	36.0	130	7.2	261		OK
OA2201200907 / OA2202200907	091117374 / 091117384	p,p'-DDD	28.0	120	7.2	329	NA	92.0000
OA2201200903 / OA2202200903	091117372 / 091117382	p,p'-DDD	67.0	75.0	7.3	11.9	OK	NA
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	p,p'-DDD	170	100	7.3	41.2	**Out**	NA
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	p,p'-DDD	55.0	320	7.5	482	**Out**	NA
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	p,p'-DDD	200	380	7.8	90.0	**Out**	NA
OA2201200901 / OA2202200901	091117371 / 091117381	p,p'-DDD	36.0	42.0	9.3	16.7	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	p,p'-DDE	780	1100	36.0	41.0	OK	NA
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	p,p'-DDE	510	870	7.1	70.6	**Out**	NA
OA2201200905 / OA2202200905	091117373 / 091117383	p,p'-DDE	460	1700	7.2	270	**Out**	NA
OA2201200907 / OA2202200907	091117374 / 091117384	p,p'-DDE	380	2400	7.2	532	**Out**	NA
OA2201200903 / OA2202200903	091117372 / 091117382	p,p'-DDE	330	880	7.3	167	**Out**	NA

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Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA2201200901 / OA2202200901	091117371 / 091117381	Moisture	46.2	44.8	0.10	3.0	OK	NA
OA2201200903 / OA2202200903	091117372 / 091117382	Moisture	31.7	34.1	0.10	7.6	OK	NA
OA2201200905 / OA2202200905	091117373 / 091117383	Moisture	30.5	31.8	0.10	4.3	OK	NA
OA2201200907 / OA2202200907	091117374 / 091117384	Moisture	30.7	34.4	0.10	12.1	OK	NA
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	Moisture	33.1	39.4	0.10	19.0	OK	NA
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	Moisture	35.5	34.4	0.10	3.1	OK	NA
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	Moisture	31.1	29.2	0.10	6.1	OK	NA
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	Moisture	29.7	29.6	0.10	0.34	OK	NA

Location	Analysis
OA22	PCBSIM

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	7.1	7.2		NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	7.6	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	6.2	7.3		NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	3.7	7.3		NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2',3,4,4',5-PENTACHLOROBIPHENYL	2.5	16.0	7.5	540	NA	OK
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2',3,4,4',5-PENTACHLOROBIPHENYL	5.2	15.0	7.8	188	NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	2',3,4,4',5-PENTACHLOROBIPHENYL	ND	6.8	9.3		NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	4.0	3.6	7.1	10.0	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	5.7	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	5.4	7.5		NA	OK
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,2',3,3',4,4',5,5',6,6'-DECACHLOROBIPHENYL	ND	3.1	7.8		NA	OK

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Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
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OA2201200901 / OA2202200901	091117371 / 091117381	2,2',3,3',4,4',5,5',6-NONACHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	3.1	7.8		NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	2,2',3,3',4,4',5,6-OCTACHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.7	4.3	7.1	59.3	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	4.6	7.2		NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	6.9	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	2.6	7.3		NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	2.7	4.4	7.3	63.0	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	21.0	7.5		NA	OK
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	3.4	16.0	7.8	371	NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	2,2',3,3',4,4',5-HEPTACHLOROBIPHENYL	ND	3.8	9.3		NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	5.8	7.1		NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	4.8	7.2		NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	8.4	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	3.0	4.2	7.3	40.0	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	2.6	30.0	7.5	1050	NA	27.4000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	6.1	14.0	7.8	130	NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	2,2',3,3',4,4'-HEXACHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	2.9	7.1		NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	6.3	7.2		NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	8.4	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	3.0	7.3		NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	3.1	4.6	7.3	48.4	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	2.7	31.0	7.5	1050	NA	28.3000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	4.7	20.0	7.8	326	NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	2,2',3,4',5,5',6-HEPTACHLOROBIPHENYL	ND	3.9	9.3		NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL	3.2	6.1	7.1	90.6	NA	OK

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OA2201200901 / OA2202200901	091117371 / 091117381	2,2',3,5'-TETRACHLOROBIPHENYL	ND	6.2	9.3		NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	7.0	14.0	7.1	100	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	4.3	25.0	7.2	481	NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	3.0	38.0	7.2	1170	NA	35.0000
OA2201200903 / OA2202200903	091117372 / 091117382	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	2.7	11.0	7.3	307	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	10.0	18.0	7.3	80.0	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	6.5	130	7.5	1900	NA	123.5000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	19.0	86.0	7.8	353	NA	67.0000
OA2201200901 / OA2202200901	091117371 / 091117381	2,2',4,4',5,5'-HEXACHLOROBIPHENYL	ND	10.0	9.3		NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,2',4,5,5'-PENTACHLOROBIPHENYL	6.2	15.0	7.1	142	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,2',4,5,5'-PENTACHLOROBIPHENYL	4.2	27.0	7.2	543	NA	22.8000
OA2201200907 / OA2202200907	091117374 / 091117384	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	33.0	7.2		NA	33.0000
OA2201200903 / OA2202200903	091117372 / 091117382	2,2',4,5,5'-PENTACHLOROBIPHENYL	5.2	7.5	7.3	44.2	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,2',4,5,5'-PENTACHLOROBIPHENYL	11.0	20.0	7.3	81.8	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,2',4,5,5'-PENTACHLOROBIPHENYL	7.5	140	7.5	1770	NA	132.5000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,2',4,5,5'-PENTACHLOROBIPHENYL	25.0	88.0	7.8	252	NA	63.0000
OA2201200901 / OA2202200901	091117371 / 091117381	2,2',4,5,5'-PENTACHLOROBIPHENYL	ND	14.0	9.3		NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,2',5,5'-TETRACHLOROBIPHENYL	5.4	11.0	7.1	104	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,2',5,5'-TETRACHLOROBIPHENYL	ND	14.0	7.2		NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,2',5,5'-TETRACHLOROBIPHENYL	3.4	21.0	7.2	518	NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,2',5,5'-TETRACHLOROBIPHENYL	ND	8.0	7.3		NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,2',5,5'-TETRACHLOROBIPHENYL	8.4	15.0	7.3	78.6	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,2',5,5'-TETRACHLOROBIPHENYL	6.7	93.0	7.5	1290	NA	86.3000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,2',5,5'-TETRACHLOROBIPHENYL	19.0	75.0	7.8	295	NA	56.0000
OA2201200901 / OA2202200901	091117371 / 091117381	2,2',5,5'-TETRACHLOROBIPHENYL	ND	7.5	9.3		NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,2',5-TRICHLOROBIPHENYL	3.9	3.4	7.1	12.8	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,2',5-TRICHLOROBIPHENYL	ND	4.0	7.2		NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,2',5-TRICHLOROBIPHENYL	ND	7.5	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,2',5-TRICHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,2',5-TRICHLOROBIPHENYL	2.6	6.5	7.3	150	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,2',5-TRICHLOROBIPHENYL	3.3	23.0	7.5	597	NA	OK
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,2',5-TRICHLOROBIPHENYL	3.5	17.0	7.8	386	NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	2,2',5-TRICHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK

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OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,3',4,4'-TETRACHLOROBIPHENYL	6.2	13.0	7.1	110	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,3',4,4'-TETRACHLOROBIPHENYL	3.5	22.0	7.2	529	NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,3',4,4'-TETRACHLOROBIPHENYL	3.2	31.0	7.2	869	NA	27.8000
OA2201200903 / OA2202200903	091117372 / 091117382	2,3',4,4'-TETRACHLOROBIPHENYL	3.9	11.0	7.3	182	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,3',4,4'-TETRACHLOROBIPHENYL	9.9	18.0	7.3	81.8	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,3',4,4'-TETRACHLOROBIPHENYL	7.7	140	7.5	1720	NA	132.3000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,3',4,4'-TETRACHLOROBIPHENYL	22.0	91.0	7.8	314	NA	69.0000
OA2201200901 / OA2202200901	091117371 / 091117381	2,3',4,4'-TETRACHLOROBIPHENYL	ND	10.0	9.3		NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.1	NA	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.2	NA	NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	9.9	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.3	NA	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	7.3	NA	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	13.0	7.5		NA	OK
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,3,3',4,4',5'-Hexachlorobiphenyl	3.0	11.0	7.8	267	NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	2,3,3',4,4',5'-Hexachlorobiphenyl	ND	ND	9.3	NA	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.5	NA	NA	OK
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	7.8	NA	NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.1	NA	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,3,3',4,4',5-Hexachlorobiphenyl	ND	4.1	7.2		NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,3,3',4,4',5-Hexachlorobiphenyl	ND	8.4	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,3,3',4,4',5-Hexachlorobiphenyl	ND	ND	7.3	NA	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,3,3',4,4',5-Hexachlorobiphenyl	ND	3.7	7.3		NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,3,3',4,4',5-Hexachlorobiphenyl	ND	27.0	7.5		NA	27.0000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,3,3',4,4',5-Hexachlorobiphenyl	ND	9.6	7.8		NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	2,3,3',4,4',5-Hexachlorobiphenyl	ND	4.5	9.3		NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,3,3',4,4'-PENTACHLOROBIPHENYL	4.7	12.0	7.1	155	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	16.0	7.2		NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,3,3',4,4'-PENTACHLOROBIPHENYL	ND	20.0	7.2		NA	OK

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OA2201200905 / OA2202200905	091117373 / 091117383	2,4'-DICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,4'-DICHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,4'-DICHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,4'-DICHLOROBIPHENYL	ND	2.7	7.3		NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,4'-DICHLOROBIPHENYL	ND	5.9	7.5		NA	OK
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,4'-DICHLOROBIPHENYL	ND	4.9	7.8		NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	2,4'-DICHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	2,4,4'-TRICHLOROBIPHENYL	6.6	8.9	7.1	34.8	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	2,4,4'-TRICHLOROBIPHENYL	ND	5.7	7.2		NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	2,4,4'-TRICHLOROBIPHENYL	ND	8.4	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	2,4,4'-TRICHLOROBIPHENYL	5.5	5.8	7.3	5.5	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	2,4,4'-TRICHLOROBIPHENYL	8.1	13.0	7.3	60.5	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	2,4,4'-TRICHLOROBIPHENYL	7.8	36.0	7.5	362	NA	28.2000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	2,4,4'-TRICHLOROBIPHENYL	6.3	34.0	7.8	440	NA	27.7000
OA2201200901 / OA2202200901	091117371 / 091117381	2,4,4'-TRICHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.2	NA	NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	2.4	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	6.4	7.5		NA	OK
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	4.3	7.8		NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	3,3',4,4',5,5'-HEXACHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	3,3',4,4',5-PENTACHLOROBIPHENYL	2.7	2.7	7.2	0.0000	NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	2.9	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	13.0	7.5		NA	OK
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	3,3',4,4',5-PENTACHLOROBIPHENYL	3.6	9.1	7.8	153	NA	OK
OA2201200901 / OA2202200901	091117371 / 091117381	3,3',4,4',5-PENTACHLOROBIPHENYL	ND	ND	9.3	NA	NA	OK
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.1	NA	NA	OK
OA2201200905 / OA2202200905	091117373 / 091117383	3,3',4,4'-TETRACHLOROBIPHENYL	ND	6.2	7.2		NA	OK
OA2201200907 / OA2202200907	091117374 / 091117384	3,3',4,4'-TETRACHLOROBIPHENYL	ND	6.9	7.2		NA	OK
OA2201200903 / OA2202200903	091117372 / 091117382	3,3',4,4'-TETRACHLOROBIPHENYL	ND	ND	7.3	NA	NA	OK

Attachment 2 - Field Replicate Results for Outfall Area Sediment Samples
Pre-Design Investigation
Palos Verdes Shelf (OU 5 of the Montrose Chemical Corp. Superfund Site)
Los Angeles County, California

OA2201200907 / OA2202200907	091117374 / 091117384	PCB-138/158	ND	34.0	7.2		NA	34.0000
OA2201200903 / OA2202200903	091117372 / 091117382	PCB-138/158	ND	13.0	7.3		NA	OK
OA2201200917-19 / OA2202200917-19	0911173719 / 0911173815	PCB-138/158	9.9	17.0	7.3	71.7	NA	OK
OA2201200909-11 / OA2202200909-11	0911173717 / 0911173813	PCB-138/158	8.9	120	7.5	1250	NA	111.1000
OA2201200913-15 / OA2202200913-15	0911173718 / 0911173814	PCB-138/158	21.0	87.0	7.8	314	NA	66.0000
OA2201200901 / OA2202200901	091117371 / 091117381	PCB-138/158	ND	11.0	9.3		NA	OK

Location	**Analysis**
OA22	SW9060

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
OA2201200921-23 / OA2202200921-23	0911173720 / 0911173816	Total Organic Carbon	1.7	1.2	0.071	29.4	OK	NA