Attachment 1
Phase 2 Soil Gas-to-Indoor Air Vapor Intrusion Assessment Work Plan
Honeywell 34th Street Facility
Phoenix, Arizona

Work Plan

Phase 2 Soil Gas-to-Indoor Air Vapor Intrusion Assessment

Honeywell 34th Street Facility
Phoenix, Arizona

Prepared for

Honeywell International Inc.

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D CH2M HILL SOP #4 Standard Operating Procedure for Long-Term Measurement of Subslab/Indoor Air Differential Pressure for Vapor Intrusion Investigations

Acronyms & Abbreviations

$\mu g/m^3$	micrograms per cubic meter
ADEQ	Arizona Department of Environmental Quality
BSVE	biologically-enhanced soil vapor extraction
bgs	below ground surface
BOI	building of interest
BTEX	benzene, ethylbenzene, toluene, and xylenes
COC	chemical of concern
COP	City of Phoenix
COPC	chemical of potential concern
C&T Berkeley	Curtis and Tompkins Laboratory, Berkeley, California
CVOC	chlorinated volatile organic compound
ELCR	excess lifetime cancer risk
Facility	34th Street Engines Product Center
FHHRA	Focused Human Health Risk Assessment
FRI	Focused Remedial Investigation
FSP	field sampling plan
FTL	field team leader
Honeywell	Honeywell International Inc.
MHHSL	Motorola 52nd Street Human Health Screening Levels
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
OU1	Operable Unit One
OU2	Operable Unit Two
QAPP	quality assurance project plan
RBSL	risk based screening level
RSL	regional screening level
SGHHSL	soil gas human health screening levels
SOP	standard operating procedure

SRG	Salt River Gravels
TCE	trichloroethene
TM	technical memorandum
UAU	upper alluvial unit
USEPA	U.S. Environmental Protection Agency
WSRV	West Salt River Valley
VI	vapor intrusion
VOC	volatile organic compound

SECTION 1

Introduction

This work plan presents overall Phase 2 sampling methodology for collecting concurrent subslab, indoor, and outdoor air samples at the Honeywell International Inc. (Honeywell) 34th Street Engines Product Center (Facility or Honeywell facility), Phoenix, Arizona. This document has been prepared in conjunction with the *Prioritization and Selection of Buildings for a Phase 2 Soil Gas-to-Indoor Air Vapor Intrusion Assessment Technical Memorandum, Honeywell 34th Street Facility, Phoenix, Arizona* (Phase 2 VI TM; CH2M HILL 2011c) that presents the rationale for selecting the final list of Primary Buildings of Interest (BOIs) for Phase 2 vapor intrusion (VI) assessment.

In March 2011, Honeywell submitted the *Final Focused Human Health Risk Assessment Report, Honeywell 34th Street Facility, Phoenix, Arizona* (FHHRA; CH2M HILL, 2011a). Based on the summary and conclusions of the FHHRA, a Phase 2 VI assessment was recommended. As presented in the FHHRA, vapor intrusion excess lifetime cancer risks (ELCRs) for the soil gas-to-indoor air pathway exceeded the lower end of the U.S. Environmental Protection Agency (USEPA, 1991) National Oil and Hazardous Substances Pollution Contingency Plan (NCP) target risk range (1E-06 to 1E-04). Therefore, significant vapor intrusion cannot be ruled out without further investigation (that is, indoor air sampling).

1.1 Purpose

The purpose of this work plan is to outline the procedures for performing building surveys and collecting concurrent subslab, outdoor, and indoor air samples at the Primary BOIs as identified in the Phase 2 VI TM and in Table 1-1 below. The same methods may also be applied at Secondary BOIs if investigation of the Primary BOIs indicate that further evaluation of VI is warranted at the Facility.

TABLE 1-1
Primary Buildings of Interest
Honeywell 34th Street Facility, Phoenix, Arizona

Building
Building 101
Building 102
Building 142
Building 302
Building 310
Building 422
Building 429

1.2 Background

The following subsections present the Facility location, layout, operational history, physical setting, and chemical usage at the Facility.

1.2.1 Facility Location, Layout, and Operational History

The Honeywell facility is located within Operable Unit Two (OU2) of the Motorola 52nd Street Superfund Site at 111 South 34th Street in Phoenix, Arizona (see Figure 1-1 and Figure 1-2). Honeywell and its predecessors have used the Facility for the design, manufacturing, assembly, testing, and repair of aircraft engines and ancillary equipment since 1951. The Facility includes five operational areas, Areas 1 though 5, as shown in Figure 1-3. The land situated north of Air Lane (Areas 2, 3, and 5) is owned by Honeywell; the land south of Air Lane (Areas 1 and 4) is leased by Honeywell from the City of Phoenix (COP) under two separate 99-year leases that expire in 2049 and 2053, respectively.

The Facility is zoned for industrial use and the surrounding areas are predominantly municipal, industrial, and commercial with a few residential areas (see Figure 1-4). The overall future land use of the Facility and adjacent properties is likely to remain industrial based on land use planning included in the *City of Phoenix General Plan (adopted by the City Council Resolution on December 5, 2001 in accordance with action taken at its final public hearing on November 7, 2001)* (COP, 2002) and the Phoenix Sky Harbor International Airport Master Plan Update Technical Report dated September 1989 (Howard Needles Tammen & Bergendoff, 1989) (see Figure 1-5).

1.2.2 Physical Setting

The Honeywell facility and the FHHRA study area are located in the West Salt River Valley (WSRV) Sub-basin (Reeter and Remick, 1986), which consists of a heterogeneous mixture of valley-fill deposits. The material generally found in the upper portion of the subsurface near the FHHRA study area is predominantly composed of unconsolidated sand, gravel, and cobbles, with minor amounts of silt and fine-grained sand and are referred to as the Salt River Gravels (SRG) sub-unit (previously described by the Arizona Department of Environmental Quality [ADEQ] as Sub-unit A) (CH2M HILL, 2005). A finer-grained section of sediment, referred to as the Basin Fill sub-unit (previously described by ADEQ as Sub-unit B), is frequently found underlying the SRG sub-unit. Bedrock (previously described by ADEQ as Sub-unit C) underlies the Basin Fill sub-unit and is comprised of both crystalline plutonic rocks and cemented Tertiary sedimentary rocks. Figure 1-6 shows an east-west geologic cross section.

The water-bearing units in the WSRV and the FHHRA study area in descending order include the upper alluvial unit (UAU), the middle fine-grained unit, and the lower conglomerate unit (i.e., bedrock). The primary source of groundwater is the regional alluvial aquifer, which is comprised of the previously described SRG and Basin Fill sub-units of the UAU. Depths to water within the UAU vary temporally and aerially. In the vicinity of the FHHRA study area, depths to groundwater range from about 50 feet below ground surface (bgs) to 100 feet bgs, with an average depth to water of approximately 70 feet bgs. Since early January 2008, groundwater levels have generally shown an overall upward trend in the FHHRA study area.

1.2.3 Chemical Use at the Facility and Potential Site-Related Chemical Sources

Operations at the Facility have included the use of a variety of chemicals in Areas 1 through 5. The design and manufacturing operations typically have consisted of metal fabrication, machining, painting, and plating. The operations have included the use of a variety of chemicals, including lubricating and cutting oils in the machining operations, various solvents (e.g., trichloroethene [TCE]) for degreasing, acids for etching, metal solutions for plating and paints, various types of jet fuel, and refrigerants (e.g., TCE) for cooling engine test facilities.

The primary sources of potential site-related chemicals within the FHHRA study area include:

- Historical chlorinated volatile organic compound (CVOC) (TCE and 1,1,1-trichloroethane) solvent use in the manufacturing processes at the Honeywell facility, as well as by other Motorola 52nd Street Superfund Site (OU1 and OU2) Potentially Responsible Parties.
- Jet fuel stored in underground storage tanks at the Honeywell facility for jet engine testing operations.
- Mercury historically used in manometers.

Figure 1-7 shows the potential source areas at the Facility that have been investigated for CVOCs and petroleum hydrocarbon-related volatile organic compounds (VOCs) (CH2M HILL, 2004a-b and 2005; Honeywell, 2002).

SECTION 2

Indoor Air Assessment

The purpose of this section is to provide information related to building surveys, indoor air sampling, subslab sampling, outdoor air sampling, radon sampling, and differential-pressure monitoring. This work plan is to be used in conjunction with *Master Quality Assurance Project Plan, Honeywell International, Inc., 34th Street Facility, Phoenix, Arizona* (Master QAPP; CH2M HILL, 2007) and *Master Field Sampling Plan, Honeywell International Inc. 34th Street Facility, Phoenix, Arizona* (Master FSP; CH2M HILL, 2008).

2.1 Sampling Objectives

The main objective of the field sampling is to collect additional data to assess whether VOC contamination could potentially migrate into buildings at the Facility via the VI pathway.

The Phase 2 VI TM identified Primary and Secondary BOIs that were retained for the Phase 2 VI assessment (see Figure 2-1). The initial implementation of this work plan will focus on the Primary BOIs. Secondary BOIs identified in the Phase 2 VI TM will only be sampled if vapor intrusion is occurring within the Primary BOIs. Figure 2-2 shows the proposed locations of the indoor air and subslab soil gas sampling locations for the Primary BOIs. These locations were selected based on a site walk with ADEQ and USEPA on June 19 and 20, 2011. Outdoor air sample locations are not identified on Figure 2-2 because these locations will be based on the results of the building surveys. Outdoor air samples will, however, be located adjacent to each building selected for indoor air and subslab soil gas sampling.

Table 2-1 lists the Primary BOIs and associated number of concurrent indoor air, outdoor air, and subslab soil gas samples that are proposed.

TABLE 2-1
Proposed Number of Indoor Air, Outdoor Air, and Subslab Soil Gas Samples for Selected Primary Buildings of Interest
Honeywell 34th Street Facility, Phoenix, Arizona

Primary BOI	Building Square Footage	# of Proposed Indoor Air Samples	# of Proposed Subslab Soil Gas Samples	# of Proposed Outdoor Air Samples
Building 101	70,000	4	1	3
Building 102	250,000	7	7	3
Building 142	10,000	2	2	1
Building 302	43,000	3	2	1
Building 310	2,500	2	2	1
Building 422	32,000	2	2	2

TABLE 2-1
Proposed Number of Indoor Air, Outdoor Air, and Subslab Soil Gas Samples for Selected Primary Buildings of Interest
Honeywell 34th Street Facility, Phoenix, Arizona

Primary BOI	Building Square Footage	# of Proposed Indoor Air Samples	# of Proposed Subslab Soil Gas Samples	# of Proposed Outdoor Air Samples
Building 429	57,000	3	3	2

Notes:

BOI = building of interest

Table 2-2 lists the soil gas-to-indoor air chemicals of potential concern (COPCs) that were identified in the FHHRA. Because Honeywell continues to use petroleum hydrocarbons in their manufacturing and testing processes, only CVOCs will be analyzed for in subslab soil gas, indoor air, and outdoor air.

TABLE 2-2
List of FHHRA Soil Gas-to-Indoor Air COPCs
Honeywell 34th Street Facility, Phoenix, Arizona

CVOCs	Petroleum Hydrocarbons
1,1,2,2-Tetrachloroethane	Benzene[a]
1,1,2-Trichloroethane	Ethylbenzene[a]
1,1-Dichloroethane	Naphthalene[a]
1,2-Dichloroethane	
Tetrachloroethene	
Trichloroethene	
Vinyl chloride	

Notes:
CVOCs = chlorinated volatile organic compounds
COPCs = chemicals of potential concern
FHHRA = Focused Human Health Risk Assessment
[a] petroleum-related hydrocarbons (e.g., naphthalene, benzene and ethylbenzene) are only COPCs inside the BSVE target treatment area. However, because Honeywell continues to use petroleum-related hydrocarbons in their manufacturing and testing processes, these compounds will not be analyzed for as part of the Phase 2 VI assessment.

2.2 Building Surveys

A building survey will be performed in accordance with Standard Operating Procedure *(SOP) #1 - Standard Operating Procedure for Conducting Building Surveys for Vapor Intrusion Evaluations* (see Appendix A) at each of the Primary BOIs to (1) gather building-characteristics data for the VI conceptual site model, (2) select optimal VI sampling locations within the building, and (3) help assess whether background indoor VOC sources exist within the building.

Important building characteristics include:

- Construction materials
- Building and room dimensions

- Building/room use
- Presence of basements or crawl spaces
- Condition of floor slab
- Presence/condition of doors and window
- Type, age, and typical operational settings of the HVAC system
- Identification of preferential pathways (for example, sumps, trenches, or elevator shafts)
- Presence of background indoor sources of VOCs (for example, other chemicals or products currently being used as part of the regular operations or cleaning activities, foams, or plastics)

The building survey information will be obtained by document review, visual inspection, and facility personnel discussions and documented on the "Building Survey Form" included in SOP #1. Based on the results of the building surveys, indoor air and subslab soil gas sampling locations may be adjusted in the field and in concurrence with ADEQ and USEPA.

2.3 Indoor Air Sampling

Figure 2-2 shows the proposed locations of the indoor air samples that will be collected from each building concurrent with the subslab soil gas and outdoor air samples. Indoor air samples will be collected in accordance with the attached *SOP #2 - Standard Operating Procedure for Integrated Ambient Indoor, Outdoor, and Crawl Space Air Sampling Method for Trace VOCs Using Summa ™ Canisters* (see Appendix B).

Indoor air sample locations will typically be located on the first floor of the building away from exterior walls. Indoor air sample locations may be slightly adjusted to target occupied areas and to keep the canisters out of the way of building occupants. The indoor air sample locations will be co-located with nearby subslab soil gas probes.

Indoor air samples will be collected over a 24 hour period in 6-liter Summa ™ canisters equipped with flow controllers. The Summa ™ canister will be placed at the sampling location 3 to 5 feet above the floor surface (roughly breathing zone height), turned on and left undisturbed for 24 hours. The Summa ™ canister will be checked approximately every 4 hours while onsite to verify that the canister is filling properly and that the canister pressure does not reach zero. The indoor air samples will be submitted to Curtis and Tompkins Laboratory (C&T Berkeley) located in Berkeley, California (Arizona Department of Health Services Laboratory Certification Number AZ0748) for analysis using USEPA Method TO-15 SIM for VOCs. The field data sheet presented in the SOP will be used to document the indoor air sampling activities.

2.4 Subslab Soil Gas Sampling

Subslab soil gas samples collected immediately beneath the slab will be obtained from each building concurrent with the indoor air and outdoor air samples (see Figure 2-2 for the proposed subslab soil gas sample locations). Subslab soil gas sample ports will be installed and samples will be collected in accordance with the attached *SOP #3 - Standard Operating*

Procedure for Installing Subslab Probes and Collecting Subslab Soil Gas Samples Using Summa ™ Canisters (see Appendix C). The field data sheets presented in the SOP will be used to document the subslab soil gas probe installation and sampling activities.

A helium leak check will be performed at each subslab location prior to sample collection to verify the integrity of the probe seal. Section 6.0 of SOP #3 describes the procedures for performing system leak checking and purging. Soil gas will be purged into 1-liter Tedlar bags. A helium leak detector (MGD-2002) will be used to screen for helium and a RKI Eagle multi-gas meter will be used to screen for carbon dioxide, oxygen, and methane.

Upon completion of leak testing, subslab soil gas samples will be collected over a 24 hour period in 6-liter Summa ™ canisters equipped with flow controllers. The Summa ™ canister will be placed at the sampling location, turned on and left undisturbed for 24 hours. The Summa ™ canister will be checked to ensure that the canister pressure does not reach zero. The subslab soil gas samples will be submitted to C&T Berkeley for analysis using USEPA Method TO-15 Scan for VOCs.

2.5 Outdoor Air Sampling

A minimum of one outdoor air sample will be collected near each building concurrent with the indoor air and subslab soil gas samples. The final locations of outdoor air samples will be determined after the building surveys are completed. Outdoor air samples will be collected in accordance with the attached *SOP #2 - Standard Operating Procedure for Integrated Ambient Indoor, Outdoor, and Crawl Space Air Sampling Method for Trace VOCs Using Summa ™ Canisters* (Appendix B).

The outdoor air sample canisters will be secured with a chain and padlock to the building. Outdoor air samples will be collected over an approximately 24 hour period in 6-liter Summa ™ canisters equipped with flow controllers. The Summa ™ canister will be placed at the sampling location 3 to 5 feet above the ground surface (roughly breathing zone height), turned on and left undisturbed for approximately 24 hours. The Summa ™ canister will be checked approximately every 4 hours while onsite to verify that the canister is filling properly and that the canister pressure does not reach zero. The outdoor air samples will be submitted to C&T Berkeley for analysis using USEPA Method TO-15 SIM for VOCs. The field data sheet presented in the SOP will be used to document the outdoor air sampling activities.

2.6 Radon Sampling

Indoor air and subslab samples will be collected and analyzed for radon for the purpose of calculating building-specific soil gas-to-indoor-air attenuation factors (see Figure 2-2 for proposed indoor air and subslab sampling locations). Radon is a naturally occurring tracer gas that has been successfully used in VI assessments for this purpose. Co-located, short-duration (i.e., approximately 5 minutes) indoor-air and subslab samples will be collected from each media into Tedlar bags using a “lung box” vacuum sampling device. The samples will be analyzed for radon by the University of Southern California Department of Earth Sciences laboratory.

2.7 Pressure Differential Monitoring

Subslab soil gas-to-indoor air pressure differential monitoring will be performed at the selected buildings during the field investigation in conjunction with subslab soil gas and indoor air sampling to evaluate the pressure within the envelope of each building. Pressure gradient measurements between the inside of the building and the subslab can be useful in interpreting subslab and indoor air data and assessing the potential for migration of VOCs detected in the subslab into the indoor air.

Pressure differential monitoring will be performed in accordance with the attached *SOP #4 – Standard Operating Procedure for Long-Term Measurement of Subslab/Indoor Air Differential Pressure for Vapor Intrusion Investigations* (Appendix D). Pressure differential monitoring will be performed with an Omniguard 4 differential pressure recorder and a Barrologger Gold barometric pressure recorder. The Omniguard 4 will be connected to a subslab soil gas probe and will be allowed to operate between 3 and 7 days. The Omnigaurd 4 will measure the maximum and minimum difference in pressure between the subslab soil gas and indoor air every 5 minutes. Additionally, the Barrologger Gold will record the barometric pressure in the indoor air every 5 minutes. These data will be logged by the Omnigaurd 4 and Barrologger Gold and downloaded onto a computer once the monitoring period is complete. These instruments have a resolution of ±0.001 inches of water and are accurate to within ±1 percent.

The pressure differential monitoring will be performed at least 48 hours before the collection of subslab soil gas samples, during sample collection, and at least 48 hours after sample collection is complete. The pressure differential monitoring will be briefly interrupted (less than 1 hour) while a subslab soil gas sample is collected from the probe.

The Omniguard 4 devices will be checked approximately every 4 hours while onsite to verify that the data collection is occurring properly.

SECTION 3

Sampling Methodology

This section describes the sampling methods and procedures to be used during the Phase 2 VI assessment. This work plan will be used in conjunction with the Master QAPP (CH2M HILL, 2007) and the Master FSP (CH2M HILL, 2008).

3.1 Health and Safety

Work will be performed in accordance with the health and safety procedures outlined in *BSVE Operations, Maintenance and Monitoring Health and Safety Plan Honeywell Engines Product Center, Honeywell 34th Street Facility, Phoenix, Arizona* (CH2M HILL, 2011b). This health and safety plan is located inside the BSVE trailer at the Facility.

General topics covered in this health and safety plan include: site location and scope of work, safety and health risk analysis, field team organization and responsibilities, air monitoring, personal protective equipment, site control measures, decontamination procedures, emergency response plan, and employee training and medical monitoring.

3.2 Sample Location Surveying

Figure 2-2 shows the locations of the proposed indoor air and subslab sampling locations. Outdoor air samples will be collected adjacent to the Primary BOIs. Final locations of the outdoor air samples will be based on the building surveys.

Locations of indoor air sample locations, subslab locations, and outdoor air sample locations will be recorded with a tape measure relative to the nearest grid location or building corner.

3.3 Field Documentation

Documentation of sampling activities will include recording notes in the field logbook, filling out field forms, and taking photographs of field activities and site conditions. Additionally, documentation, such as sample labels and chain of custody (COC) forms are considered part of the record.

The field team leader (FTL) will be responsible for verifying that the appropriate information is being recorded in the field logbook and on the field forms daily. In the case of multiple field teams, the FTL will be responsible for reviewing the individual teams' logbooks and field forms for consistency and completeness. Entries will be made using waterproof ink and will be signed and dated. Erroneous entries will be corrected by making a single line through the error and entering the correct information. Corrections will be initialed and dated by the person making the revision. The field notebook and field forms will be kept as a permanent record of sampling activities.

3.3.1 Logbooks

General guidelines for maintaining thorough and accurate logbooks as presented in the Master FSP (CH2M HILL, 2008) include:

- Logbooks are permanent records in project files. The purpose of a logbook is to document that the scope of work is being performed in accordance with the work plan and contract documents.
- Do not delay or procrastinate recording logbook information. Always write events and information down onsite immediately.
- Label the logbook cover with the following information:
  - Project Name: _____
  - Project Number: _____
  - Start Date: _____
  - End Date: _____
- Write the project manager's name, office address, and phone number on the inside cover.
- Use the table of contents page to record important phone numbers relating to the project (i.e., subcontractor contact, project manager, client contact, project personnel, vendors, waste hauler contact, etc.).
- The first page of each day: write the day of the week and the date (for example, Monday, August 15, 2011). The subsequent pages for that day only need the date.
- Fill in the following information at the top of the logbook daily: scribe (if self, state this) and other people onsite (fully list subcontractor crew with first and last names). If there are CH2M HILL personnel present, include office locations. Record the project name, city, and state.
- Write down the anticipated weather (for example, "Anticipated weather today: mid-80s to upper 90s, humid, no precipitation) and any weather activity during the previous night. If the weather changes during the day, state it.
- Enter everything that goes on at the site that is not subjective. State only factual details. Do not include extraneous information.
- The calibration of field instruments and any issues with instruments or equipment should be recorded in the field book or applicable field data sheet. Instrument models, serial numbers, and types of calibration fluids (or gases) should also be recorded.
- <u>Underline sample location IDs in the logbook</u>.
- List how equipment was decontaminated.
- Use a 24-hour time format (military time) (for example, 0800 hours for 8:00 am and 2000 hours for 8:00 pm).
- Document daily tailgate health and safety meetings and topics.

- When collecting samples provide the following information:
  - Sample ID
  - Sample Location
  - Sample Description
  - Analytical parameters/methods
  - Bottles
  - Preservatives
- Write the name of the laboratory that is receiving the samples. Record that a COC form was filled out. Enter the time when the samples were relinquished to the shipper or whether samples were hand delivered.
- If information is recorded on a separate log sheet and not in the field logbook, document this in the logbook so people know where to find the information (for example, building survey field data sheets, indoor air sampling field data sheets, etc…).
- If photographs are taken, state this in the logbook.
- Document conversations (in person or by phone) and any site visitors.
- Intentionally blank pages should be labeled as such.
- Do not skip lines.
- Sign and date the bottom of the last page containing the last entry for that day.

The field logbook will be a bound notebook with numbered pages; pages should be numbered from page 1 of the logbook consecutively through the last page.

3.3.2 Field Forms

The following field data forms will be completed during the VI assessment:

- Building Survey Field Data Sheets will document, for example, the owner's contact information, type of building structure, age of structure, foundation type, HVAC system information, and the chemical products inventory (form is included in SOP #1, Appendix A).
- Indoor Air Sampling Field Data Sheets will document the sample ID, sample type, location of the sample, Summa ™ canister ID, flow controller ID, initial pressure, final pressure, start and stop time and dates (form is included in SOP #2, Appendix B)
- Subslab Soil Gas Sampling Field Data Sheets will document the sample ID, sample type, location of the sample, Summa ™ canister ID, flow controller ID, initial pressure, final pressure, start and stop time and dates, helium leak check results, and purge gas meter readings (form is included in SOP #3, Appendix C).

3.3.3 Photographs

Photographs will be taken at each sample location to document site conditions and sampling procedures. A photographic log will be maintained, which will include the photograph number, sample location, and description.

3.4 Field Instrumentation

The following subsections describe the equipment calibration and maintenance procedures.

3.4.1 Calibration

Field screening and sampling instruments (for example, a photoionization detector [PID]) that require calibration before operation will be calibrated daily in accordance with the manufacturer's instructions. Instrument calibrations, including manufacturer and lot IDs for calibration gasses, will be documented in the field log. Instrument operating manuals will be maintained onsite by the field team.

3.5 Decontamination

Nondedicated or nondisposable field equipment (e.g., drive rods and other reusable components) used for the installation of the soil gas probes will be decontaminated prior to installation and in between sampling locations to prevent cross-contamination. Decontamination procedures will include either steam cleaning or a three-stage wash and rinse comprised of a nonphosphate detergent wash, a tap water rinse, and a final distilled water rinse.

3.6 Investigation Derived Waste Management

The types of investigation derived waste (IDW) that may be generated during sample collection include soil cuttings, decontamination fluid, used disposable personal protective equipment (PPE), and used disposable equipment (for example, Teflon tubing, poly sheeting, paper towels, and aluminum foil).

Decontamination water will be transported to Honeywell's onsite wastewater treatment facility located at Building 422. Soil cuttings (if any) generated from the installation of the subslab sampling probes will be placed into a 55-gallon drum and sampled for VOCs for waste profiling.

Disposable PPE and equipment (for example, Teflon tubing, poly sheeting, paper towels, and aluminum foil) will be disposed of as solid waste.

3.7 Sample Handling and Analysis

Sample handling and analysis procedures for sampling activities to be conducted in support of the VI assessment are described in the following subsections. Sampling handling and analysis will be conducted in accordance with Section 8.0 of the Master FSP (CH2M HILL, 2008).

Table 3-1 summarizes the analyses, methods, and laboratory reporting limits for each COPC.

TABLE 3-1
Laboratory Reporting Limits by Method and Analyte
Honeywell 34th Street Facility, Phoenix, Arizona

COPC	Laboratory: Method: Units:	CTBerk TO-15 SIM ($\mu g/m^3$)	CTBerk TO-15 Scan ($\mu g/m^3$)
1,1,2,2-Tetrachloroethane		0.1	0.5
1,1,2-Trichloroethane		0.1	0.5
1,1-Dichloroethane		0.1	0.5
1,2-Dichloroethane		0.1	0.5
Benzene [a]		0.1	0.5
Ethylbenzene [a]		0.1	0.5
Naphthalene [a]		0.1	0.5
Tetrachloroethene		0.1	0.5
Trichloroethene		0.1	0.5
Vinyl chloride		0.1	0.5

Notes:

CTBerk = Curtis & Tompkins Laboratory

COPC = chemical of potential concern

3.7.1 Sample Identification

Each sample will be labeled and recorded in the field logbook and will be documented on the COC. The sample tags will be affixed to the Summa ™ canisters using zip ties or as provided by the laboratory. Each analytical sample will be assigned a unique number of the following format:

For VI assessment samples, the sample identification system will include:

- Sampling Program, Phase 2 Vapor Intrusion Assessment (P2VIA)
- Area of Collection, for example, B102 = Building 102
- Matrix, for example, IA = indoor air; AA = outdoor air; SS = subslab soil gas
- Sequential number, for example, 01 = first sampled collected at that location.

Under this sample designation format, "B102-SS-01" would mean the following:

P2VIA-B102-SS-01	Sampling Program
P2VIA-B102-SS-01	Building 102
P2VIA-B102-SS-01	Subslab soil gas sample
P2VIA-B102-SS-01	Subslab soil gas sample number 1

QA/QC samples will be collected as "blind" samples and will include the following sample identification system:

- Sampling Program, P2VIA

- QA/QC designation, FD = field duplicate; EB = equipment blank
- Matrix, for example, IA = indoor air; AA = outdoor air; SS = subslab soil gas
- Sequential number, for example, 01 = first sampled collected at that location

Under this sample designation format, "P2VIA-FD-IA-01" would mean the following:

P2VIA-FD-IA-01	Phase 2 Vapor Intrusion Assessment Indoor Field Duplicate Indoor Air Sample number 1

This sample designation format will be followed throughout the project. Required deviations to this format in response to field conditions will be documented.

3.7.2 Sample Containerization and Preservation

The Summa ™ canisters will be shipped back to the laboratory in the same shipping container in which they were received, which is typically a strong cardboard box that fits four 6-liter Summa ™ canisters. The samples do not need to be cooled during shipment. No ice will be used in the shipping container.

Samples will be shipped under COC overnight via FedEx. Custody seals will be affixed to the outside shipping container.

3.7.3 Chain-of-Custody

COC forms will be used for the samples and will accompany the samples at all times. Each time the sample containers change custody, both the sender and receiver will sign and date the COC form accompanying the sample set. If samples are delivered by courier, the courier will sign both copies of the COC form. If samples are shipped, the air bill will serve to document sample custody while en route. When samples are relinquished to shipping companies for transport, the tracking number from the shipping bill or receipt will be recorded on the COC and in the project logbook.

Original COCs will remain with the samples; however, before relinquishing samples, a copy will be made to keep in the project file until final lab reports and copies of the original COCs are returned. Completed COC forms will be placed inside the shipping container used for sample transport from the field to the laboratory.

The following information, at a minimum, is included on the COC form:

- Sample number
- Printed name and signature of sampler
- Date and time of collection
- Type of sample
- Number and type of containers
- Inclusive dates of possession
- Printed name and signature of receiver
- CH2M HILL project number
- Analyses requested

Copies of the completed COC forms will be included in appropriate data validation packages. Legal field custody will begin when clean sample containers are obtained from

the laboratory and will end when those samples are relinquished to the laboratory for testing. This continuity will be reflected by the appropriate entries on the COC form.

Custody seals will be placed on the sample container whenever one is not under the control of the project team. The team members will sign custody seals and will place one on each side of the box. Seals will also be affixed to containers shipped offsite (to both in-state and out-of-state laboratories) for sample analysis.

A sample will be considered under custody if:

- It is in the field investigator's physical possession.
- It is in the field investigator's view, after being in his/her physical possession.
- It was in the field investigator's physical possession and he or she secured it to prevent tampering.
- It is placed in a designated secure area.

To simplify the COC record and eliminate future problems, as few people as possible will handle the samples. For this reason, the FTL will be designated as the responsible individual for all sample transfer activities. This FTL will be personally responsible for the care and custody of the samples collected until they are properly transferred to another person or facility.

3.7.4 Quality Assurance/Quality Control

Quality Assurance/Quality Control (QA/QC) samples will be collected in accordance with the Master QAPP (CH2M HILL, 2007) to ensure precision, accuracy, representativeness, completeness, and comparability.

3.7.4.1 QA/QC Samples

The following QA/QC samples will be collected:

- Field duplicates (indoor air, subslab soil gas, outdoor air) – one per 10 samples per sample type
- Equipment blanks (if necessary) - one per 20 samples or one per day

Field duplicate samples are collected to monitor precision of the field sampling process and will be submitted to the laboratory as separate samples. Field duplicates will consist of one unique sample, split into two aliquots, and analyzed independently. T-connectors will be used to attach two Summa ™ canisters together for simultaneous duplicate sample collection. The duplicate samples will be analyzed to verify the reproducibility of the laboratory results and degree of variability of reported concentrations.

3.7.4.2 Data Validation

The analytical results of the data collection effort will be validated by CH2M HILL. Level 3 data validation of the analytical data will be performed with Level 4 data validation being performed on 10-percent of the analytical data.

The Project Chemist will have responsibility for oversight of the data validation effort. Data validation will be carried out when the data packages are received from the laboratory. It will be performed on an analytical batch basis using the summary results of calibration and laboratory quality control, as well as those of the associated field samples. Data packages will be reviewed for all COPCs. Level 3 data validation will be performed and will include:

- A review of the data set narrative to identify any issues that the lab reported in the data deliverable;
- A check of sample integrity (sample collection and holding times);
- An evaluation of basic QC measurements used to assess the accuracy, precision and representativeness of data including QC blanks, laboratory control samples (LCS), matrix spikes/matrix spike duplicates (MS/MSD), surrogate recovery when applicable, and field or laboratory duplicate results.
- A review of sample results, target compound lists, and detection limits to verify that project analytical requirements are met.
- Initiation of corrective actions, as necessary, based on the data review findings.
- Qualification of the data using appropriate qualifier flags, as necessary, to reflect data usability limitations.
- Evaluation of calibration and quality control summary results against the project requirements.
- Other method specific QC requirements

10-percent of the analytical data will be validated following Level 4 validation procedures. Level 4 data validation includes:

- Review of sample chromatograms and,
- Verification of analyte identification and calculations for at least 10 percent of the data for the sampling event chosen for Level IV validation.

Data validation will be patterned after the USEPA *Contract Laboratory National Functional Guidelines for Inorganic Data Review* (2004) and *Contract Laboratory National Functional Guidelines for Organic Data Review* (1999), substituting the calibration and quality control requirements specified in Master QAPP for those specified in the Guidelines. The flagging criteria presented in Tables 7-1 and 7-2 of the Master QAPP will be used. The qualifier flags are defined in Table 7-3 of the Master QAPP.

Qualifier flags, if required, will be applied to the electronic sample results. If multiple flags are required for a result, the most severe flag will be applied to the electronic result. The hierarchy of flags from the most severe to the least severe will be as follows: R, UJ, U, J.

3.7.5 Data Evaluation

As presented in Section 3.7.4, data review, verification, and validation will be performed in accordance with the Master QAPP.

The data evaluation will also consider multiple lines of evidence for the ultimate purpose of addressing the following key questions:

- Is vapor intrusion currently occurring?
- If so, is it significant relative to risk based criteria (see below)?
- Could significant vapor intrusion occur in the future if the building were modified? For example, is there a subsurface vapor source that is not currently impact indoor air but could if the slab was penetrated in the future?

One key line of evidence for addressing these questions will be comparison of indoor air and outdoor air sampling results for the COPCs to the USEPA (November 2010) industrial air Regional Screening Levels (RSLs) and comparison of subslab soil gas concentrations to both the FHHRA risk-based screening levels (RBSLs) and the soil gas human health screening levels (SGHHSLs; also known as the Motorola 52nd Street Soil Vapor Human Health Screening Levels [MHHSLs]; USEPA, 2010b). Table 3-2 summarizes the comparison criteria for indoor air, outdoor air, and subslab sampling results. Results from the implementation of this work plan will be summarized in the Phase 2 Vapor Intrusion Assessment Report.

TABLE 3-2
List of FHHRA COPCs and Comparison Criteria
Honeywell 34th Street Facility, Phoenix, Arizona

	Indoor Air/Outdoor Air	Subslab Soil Gas	
COPC	**Industrial Air RSL ($\mu g/m^3$)**	**SGHHSLs ($\mu g/m^3$)**	**FHHRA RBSLs ($\mu g/m^3$)**
1,1,2,2-Tetrachloroethane	0.21	180	360
1,1,2-Trichloroethane	0.77	640	1200
1,1-Dichloroethane	7.7	6400	13000
1,2-Dichloroethane	0.47	390	670
Benzene [a]	1.6	1300	2400
Ethylbenzene [a]	4.9	4,100	8100
Naphthalene [a]	0.36	NA	680
Tetrachloroethene	2.1	1800	3500
Trichloroethene	6.1	5100	9900
Vinyl chloride	2.8	2300	3900

Notes:
COPC = chemical of potential concern
FHHRA = Focused Human Health Risk Assessment
RSL = regional screening level
RBSL = Risk Based Screening Level, RBSL derived from J&E Model, SV-ADV version 3.1. Generated 12-02-08. *Source: FHHRA (CH2M HILL, 2011a)*
SGHHSLs = Soil Gas Human Health Screening Level (aka, Motorola 52nd Street Soil Vapor Human Health Screening Levels [MHHSLs]), Vapor Intrusion to Indoor Air of Residential or Industrial Buildings Motorola 52nd Street Superfund Site. *Source: EPA Region 9's Suggested Framework for Investigating and Evaluating Vapor Intrusion to Indoor Air of Residential or Industrial Buildings Motorola 52nd Street Superfund Site (USEPA, 2010b)*
$\mu g/m^3$ = microgram per cubic meter

[a] petroleum-related hydrocarbons (e.g., naphthalene, benzene and ethylbenzene) are only COPCs inside the BSVE target treatment area. However, because Honeywell continues to use petroleum-related hydrocarbons in their manufacturing and testing processes, these compounds will not be analyzed for as part of the Phase 2 VI assessment.

SECTION 4

Schedule and Reporting

Implementation of this work plan will be scheduled as listed in Table 4-1.

TABLE 4-1
Proposed Schedule
Honeywell 34th Street Facility, Phoenix, Arizona

Task	Start Date	Estimated Duration (business days)
Perform Building Surveys	15 business days after ADEQ and USEPA approval of Final Work Plan	10 days
Collect Concurrent Subslab, Indoor Air, and Outdoor Air	10 business days after completion of Building Surveys	15 days
Laboratory Analysis and Data Validation	Upon receipt of laboratory analytical data	15 days
Submit Report to ADEQ/USEPA	90 days after receipt of validated data	90 days

Notes:
ADEQ = Arizona Department of Environmental Quality
USEPA = U.S. Environmental Protection Agency

After receipt of validated data, Honeywell will prepare a report for submittal to ADEQ and the USEPA summarizing the results of the Phase 2 VI Assessment and recommendations for the path forward.

SECTION 5

References

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Figures

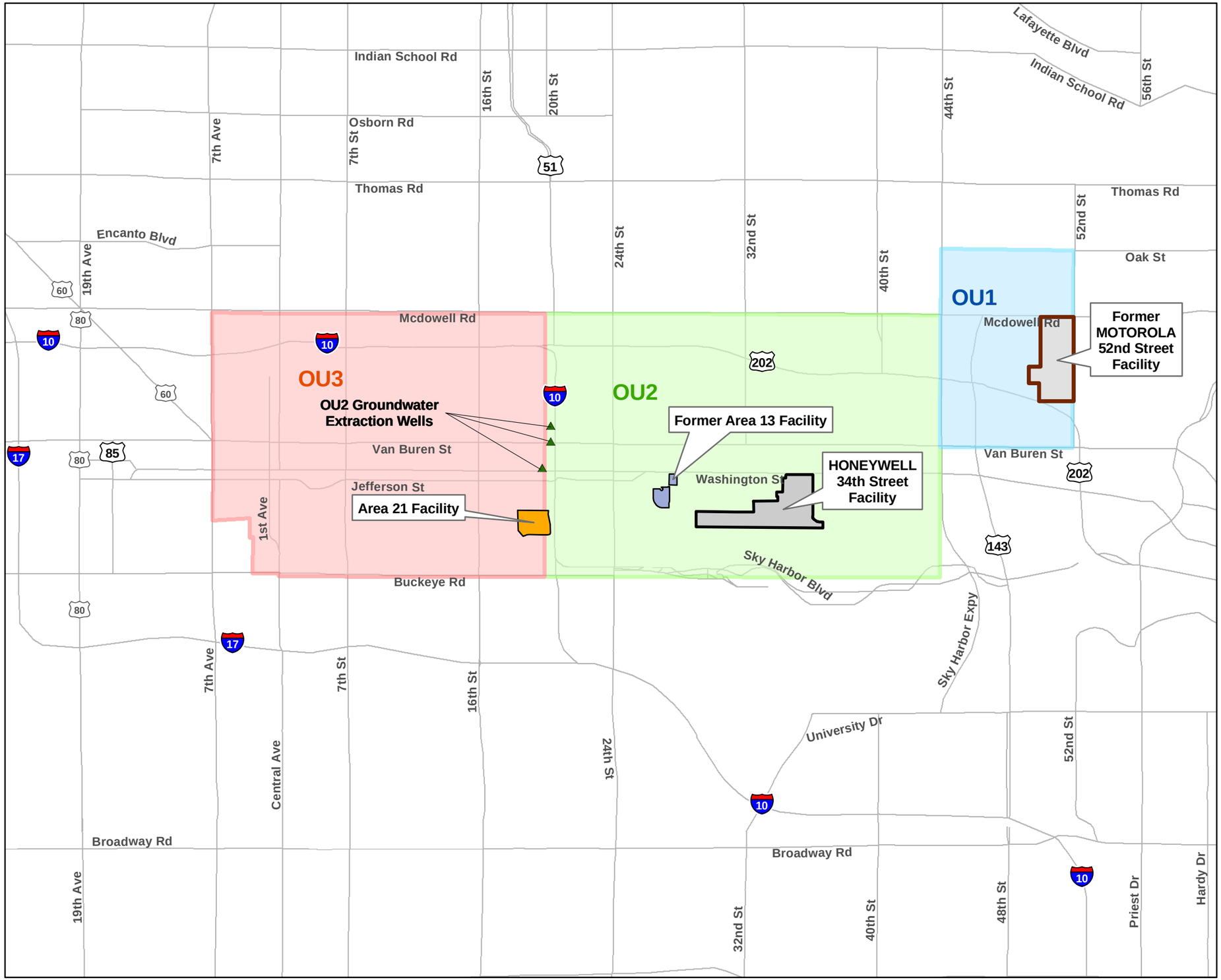
Figure Index
Honeywell 34th Street Facility, Phoenix, Arizona

Figure Number	Title
1-1	Motorola 52nd Street Superfund Site
1-2	Honeywell 34th Street Facility FHHRA Study Area within OU2
1-3	Exposure Areas Within Honeywell 34th Street Facility Study Area
1-4	Existing Land Use
1-5	Future Land Use
1-6	Lithologic Cross Section
1-7	Summary of Potential Sources
2-1	Final Primary and Secondary Buildings of Interest Retained for Phase 2 Vapor Intrusion Assessment
2-2	Proposed Concurrent Indoor Air, Outdoor Air, and Subslab Soil Gas Sampling Locations

Acronym List
Honeywell 34th Street Facility, Phoenix, Arizona

General Acronyms	
AOI	Area of Interest
BLDG	building
BOI	building of interest
BSVE	biologically enhanced soil vapor extraction
COP	City of Phoenix
CVOC	chlorinated volatile organic compound
FHHRA	Focused Human Health Risk Assessment
FRI	Focused Remedial Investigation
EW	extraction well
LACC	large altitude cold chambers
LNAPL	light non-aqueous phase liquid
LUST	leaking underground storage tank
OU	Operable Unit
PM	project manager
PSHIA	Phoenix Sky Harbor International Airport
SRG	Salt River Gravels
STC	senior technical consultant

TTA	target treatment area
UST	underground storage tank
VI	vapor intrusion
VOC	volatile organic compound
Unified Soil Classification System Acronyms	
CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clays
GW	Well-graded gravels or gravel-sand mixtures, little or no fines
GP	Poorly-graded gravels or gravel-sand mixtures, little or no fines
GM	Silty gravels, gavel-sand-silt mixtures
GC	Clayey gravels, gravel-sand-clay mixtures
ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands, or clayey silts with slight plasticity
SW	Well-graded sands or gravelly sands, little or no fines
SP	Poorly-graded sands or gravelly sands, little or no fines
SM	Silty sands, sand-silt mixtures
SC	Clayey sands, sand-silt mixtures



VICINITY MAP

LEGEND

- OU2 Groundwater Extraction Wells
- Former Area 13 Facility
- Area 21 Facility
- Honeywell 34th Street Facility
- Former Motorola 52nd Street Facility

Originator:	Andrew O'Malley	*Andrew O'Malley* (Signature)
Checked by:	Corey Schwabenlander	*Corey Schwabenlander* (Signature)
Approved by STC or PM:	Loren Lund	*Loren Lund* (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.

N

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1"=4,000'

FIGURE 1-1
MOTOROLA 52ND STREET SUPERFUND SITE
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

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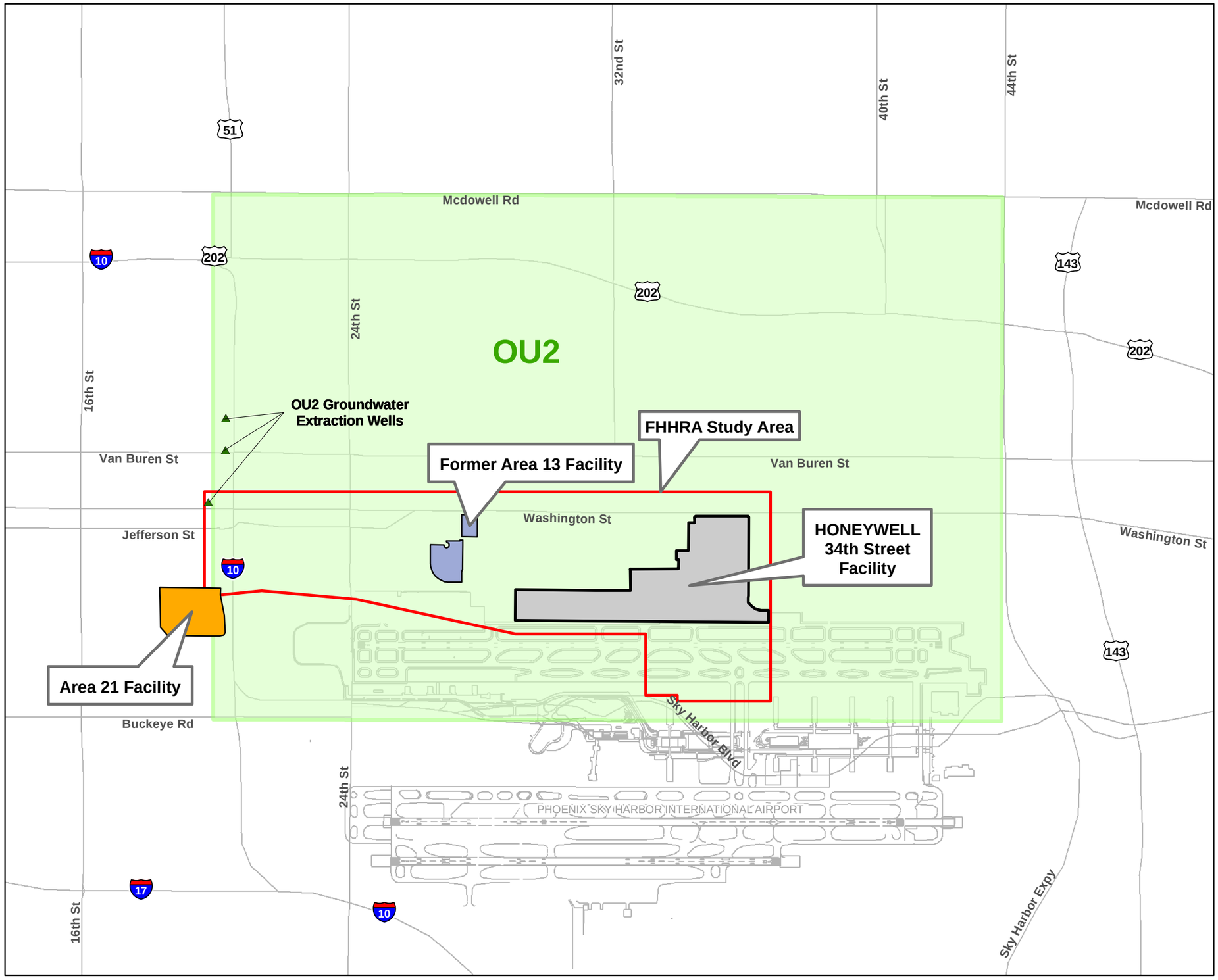
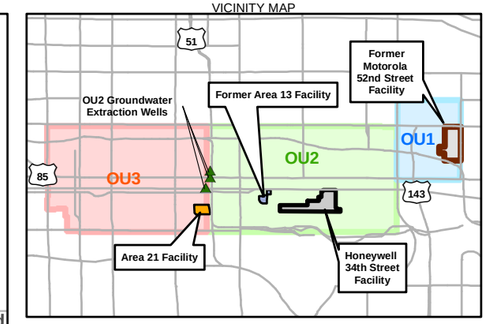


VICINITY MAP



LEGEND

- OU2 Groundwater Extraction Wells
- Former Area 13 Facility
- Area 21 Facility
- Honeywell 34th Street Facility
- FHHRA Study Area
- OU2

Originator:	Andrew O'Malley	Andrew O'Malley (Signature)
Checked by:	Corey Schwabenlander	Corey Schwabenlander (Signature)
Approved by STC or PM:	Loren Lund	Loren Lund (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.

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1"=2,000'

FIGURE 1-2
HONEYWELL 34TH STREET FACILITY FHHRA STUDY AREA WITHIN OU2
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

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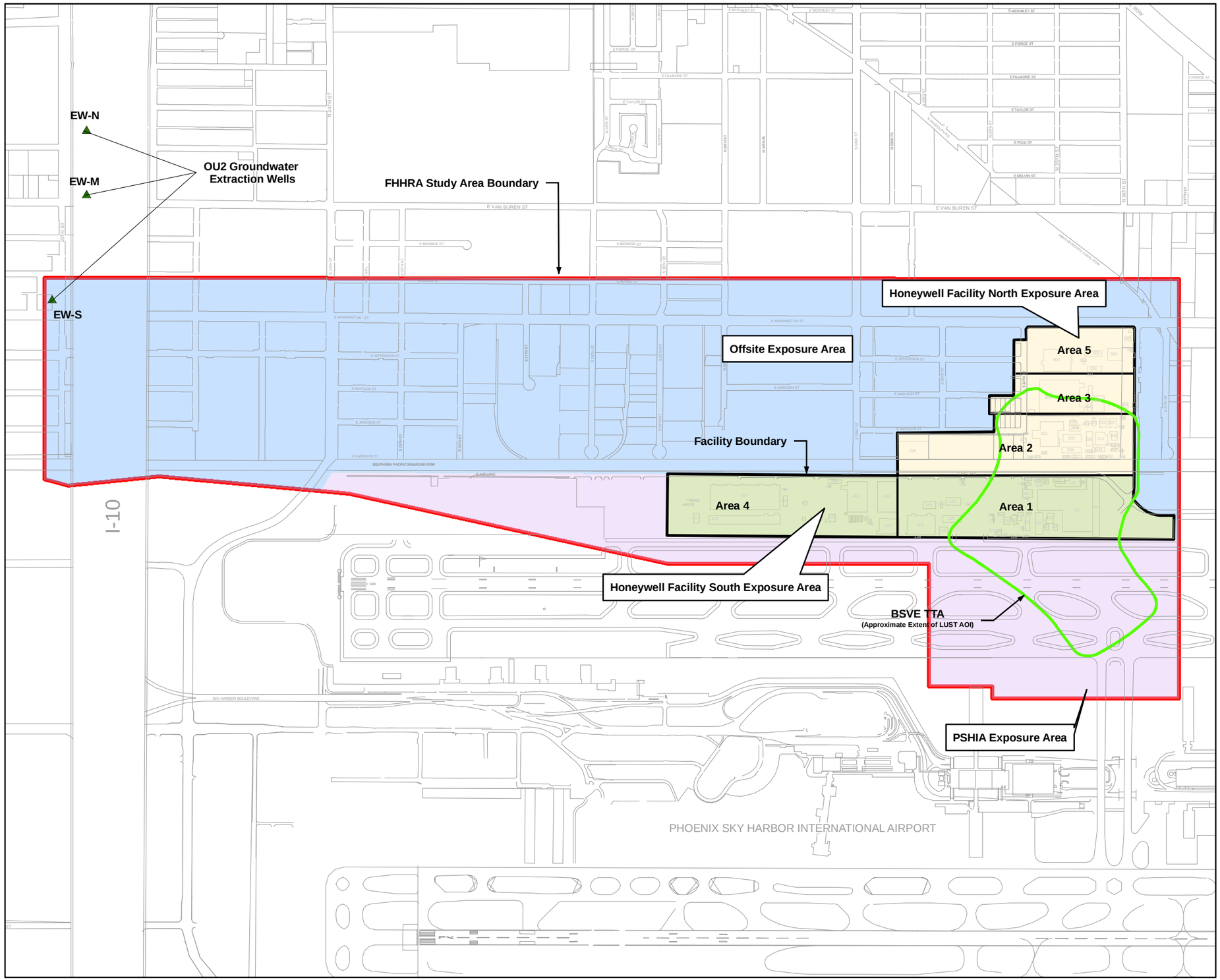

LEGEND

- OU2 Groundwater Extraction Wells
- BSVE Target Treatment Area (TTA)
- Operational Area
- Honeywell 34th Street Facility
- Facility North Exposure Area
- Facility South Exposure Area
- PSHIA Exposure Area
- Offsite Exposure Area
- FHHRA Study Area

Originator: Andrew O'Malley		*Andrew O'Malley* (Signature)
Checked by:	Corey Schwabenlander	*Corey Schwabenlander* (Signature)
Approved by STC or PM:	Loren Lund	*Loren Lund* (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.

N

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Feet

1"=1,000'

FIGURE 1-3
EXPOSURE AREAS WITHIN HONEYWELL 34TH STREET FHHRA STUDY AREA
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

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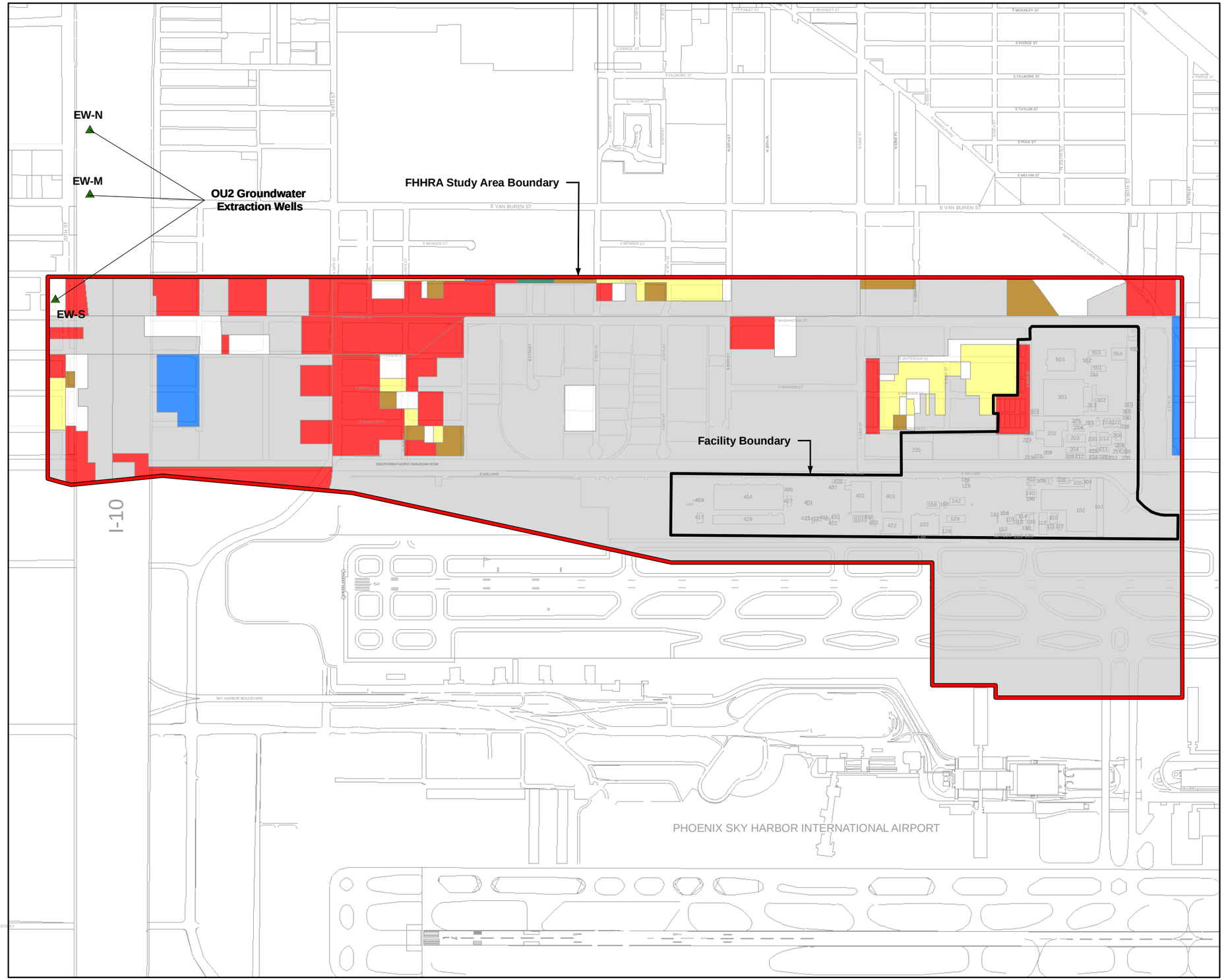

LEGEND

- OU2 Groundwater Extraction Wells
- Street and Airport Features
- FHHRA Study Area
- Honeywell 34th Street Facility
- Honeywell Buildings

Existing Land Use

- Single Family
- Multi-Family Residential
- Commercial
- Public Facility
- Industrial
- Open Space
- Vacant

Originator:	Andrew O'Malley	Andrew O'Malley (Signature)
Checked by:	Tasha Lewis	Tasha Lewis (Signature)
Approved by STC or PM:	Tasha Lewis	Tasha Lewis (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.
2. Land use information presented on this figure was obtained from the City of Phoenix General Plan adopted by the City Council Resolution on December 5, 2001 in accordance with action taken at its final public hearing on November 7, 2001 (COP, 2002).

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1"=1,000'

FIGURE 1-4
EXISTING LAND USE
Honeywell 34th Street Facility
Phoenix, Arizona

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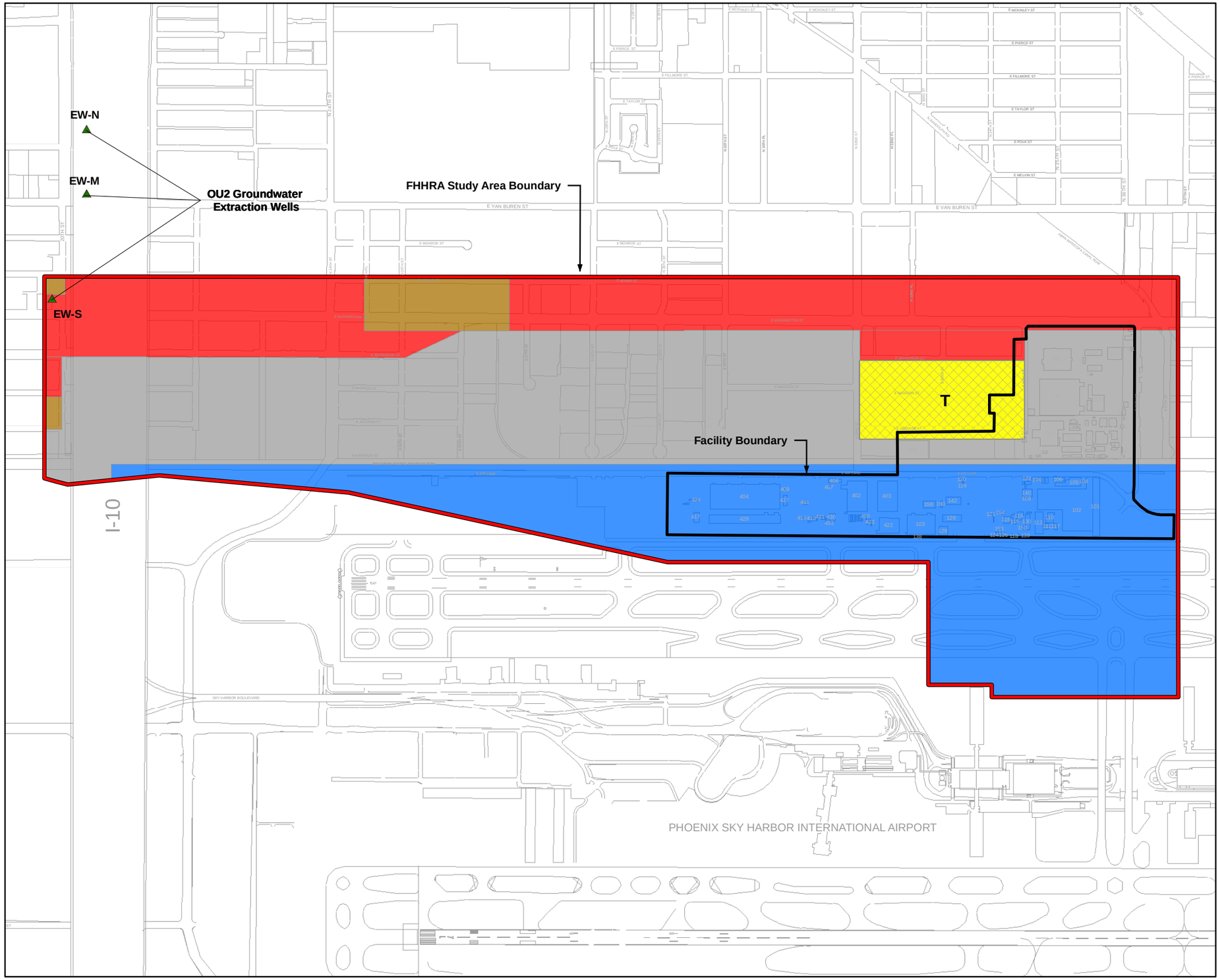

LEGEND

- OU2 Groundwater Extraction Wells
- Street and Airport Features
- FHHRA Study Area
- Honeywell 34th Street Facility
- Honeywell Buildings

Future Land Use

- 10 to 15 dwelling units/acre - Higher density attached townhouses, condos or apartments
- Commercial
- Industrial
- Public/Quasi Public
- 3.5 to 5 dwelling units/acre - Traditional Lot
- Mixed Use Transition - Crosshatch color (grey) represents future use; background color (yellow) represents previous use

Originator: Andrew O'Malley	*Andrew O'Malley* (Signature)
Checked by: Tasha Lewis	*Tasha Lewis* (Signature)
Approved by STC or PM: Tasha Lewis	*Tasha Lewis* (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.
2. Land use information presented on this figure was obtained from the City of Phoenix General Plan adopted by the City Council Resolution on December 5, 2001 in accordance with action taken at its final public hearing on November 7, 2001 (COP, 2002) and the Phoenix Sky Harbor International Airport Master Plan Update Technical Report dated September 1989 (Howard Needles Tammen & Bergendoff, 1989).

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Feet

1"=1,000'

FIGURE 1-5
FUTURE LAND USE
Honeywell 34th Street Facility
Phoenix, Arizona

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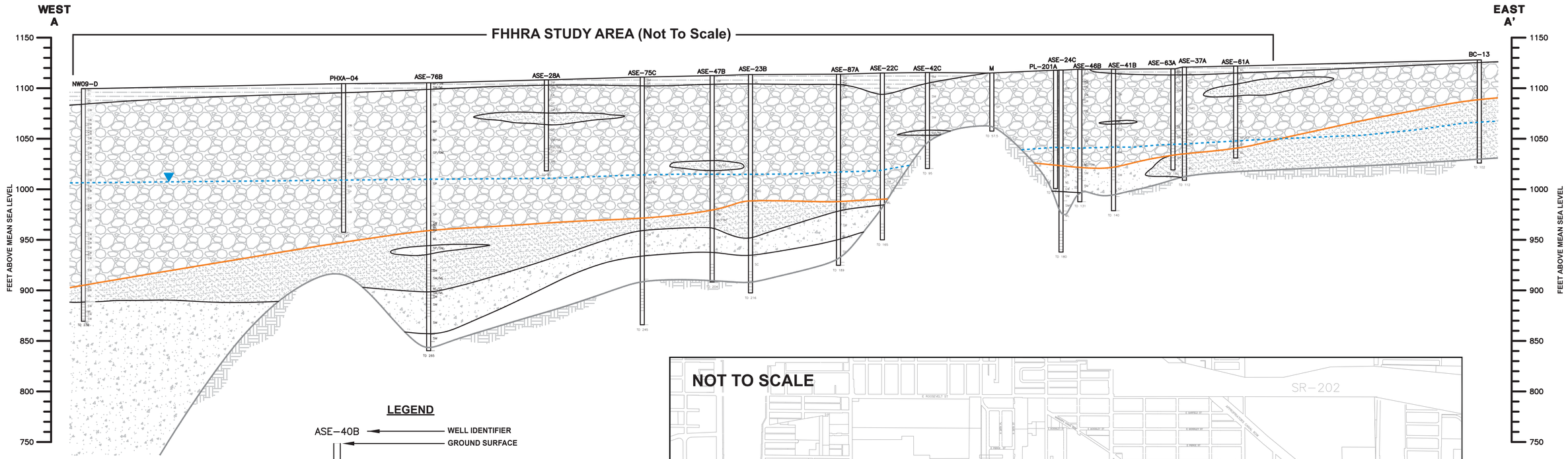

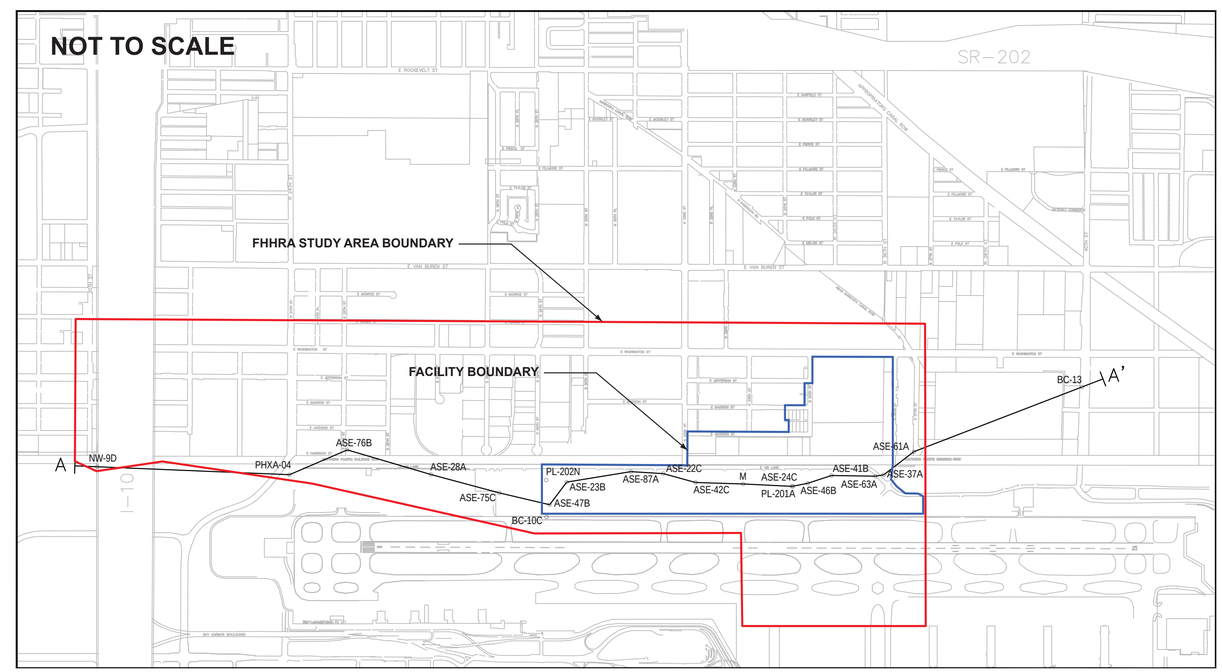

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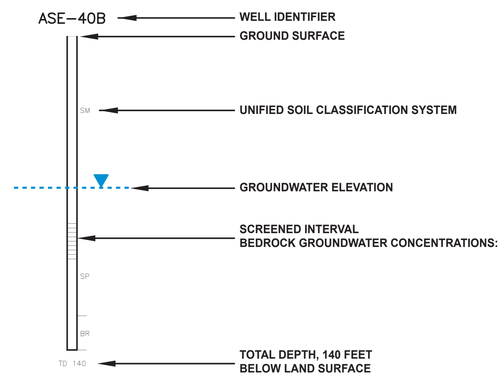
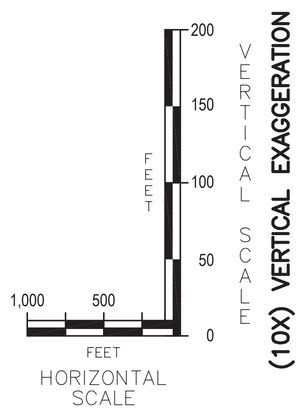




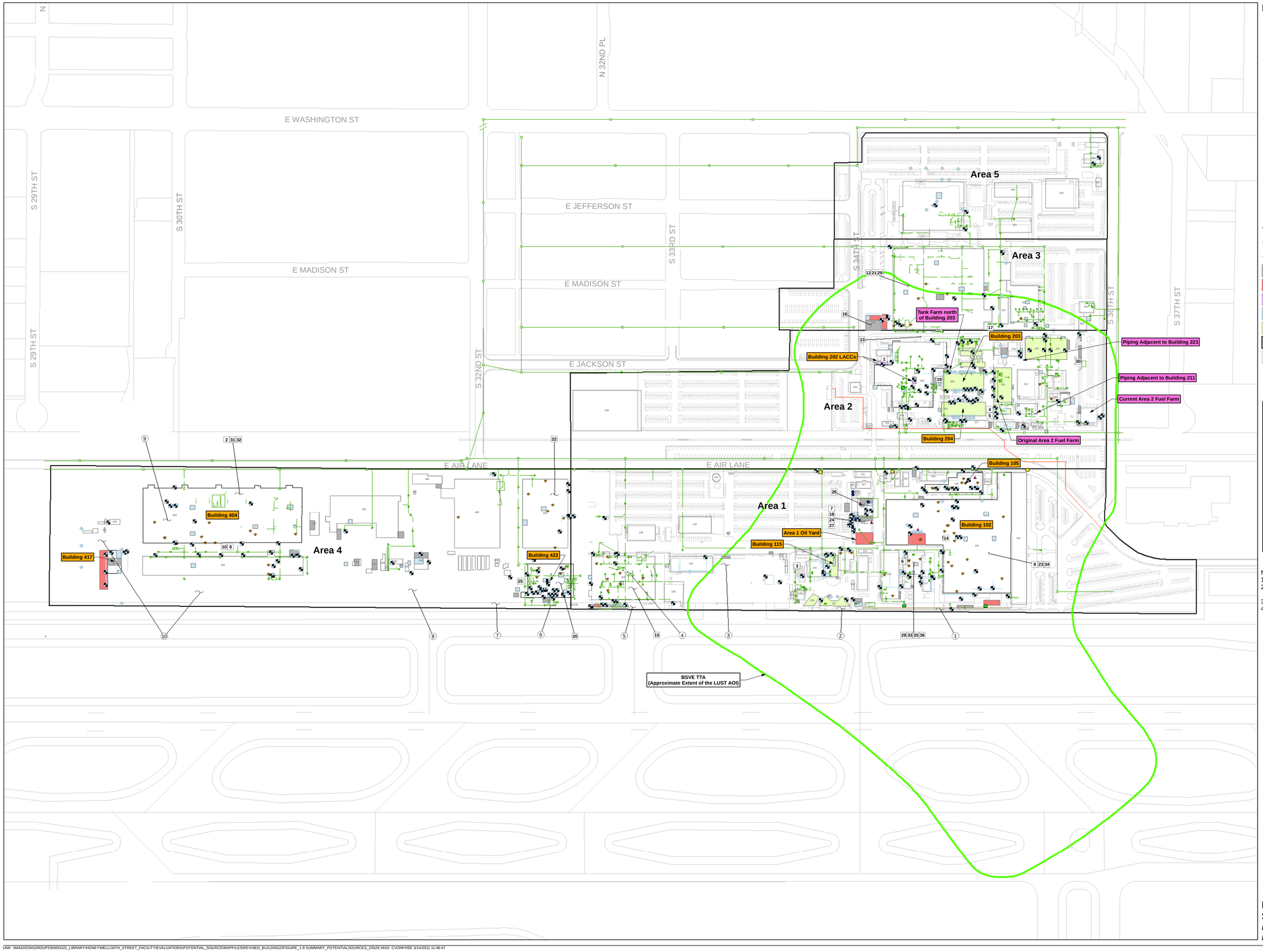
- SURFACE SAND-SILT
- SALT RIVER GRAVELS SUB-UNIT
- APPROXIMATE CONTACT BETWEEN SALT RIVER GRAVELS SUB-UNIT AND BASIN FILL SUB-UNIT
- BASIN FILL SUB-UNIT (FINE GRAINED)
- BASIN FILL SUB-UNIT (COARSE GRAINED)
- BEDROCK CONTACT
- WEATHERED BEDROCK/COLLUVIUM
- BEDROCK

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.

Originator:	Final FRI Report (CH2M HILL, 2005)	
Modification:	Anja Schoenberger	*Anja Schoenberger* (Signature)
Checked by:	Tasha Lewis	*Tasha Lewis* (Signature)
Approved by STC or PM:	Robert Frank	*Robert Frank* (Signature)

FIGURE 1-6
LITHOLOGIC CROSS SECTION

Honeywell 34th Street Facility
Phoenix Arizona



LEGEND

- Sumps, Interceptors, Pits, Tanks, Pump Stations, Utility Vaults, & Stormwater Drains
- Issue Drywells
- Trenches
- Potential and Known Ground Disposal Areas
- Accidental Releases
- Dirty Solvent Waste Oil Tank
- Pre-Cooling System-Extraction Wells
- Pre-Cooling System-Injection Wells
- Recycling Stills
- Return Well
- Aboveground Storage Tanks
- TCE Supply Tank
- Vapor Degreasers
- Oleander Ditch
- Sewer Lines
- Dutch Ditch
- Chemical Storage Areas
- Chip Storage Areas
- Large Altitude Cold Chambers (LACC)
- Satellite Accumulation Areas
- Test Cells
- Operational Area
- Honeywell Buildings
- BSVE Target Treatment Area (TTA)

Key Potential Source Areas for CVOCs as Identified in the Final FRI Report (CH2M HILL, 2005)

1. Building 102
2. Building 105
3. Building 115
4. Building 203
5. Building 204
6. Building 404
7. Building 417
8. Building 422
9. Area 1 Oil Yard
10. Building 202 LACCs
11. Ground Disposals in Area 1 and 4

Primary Source Areas for Petroleum Hydrocarbon-Related VOCs as Identified in the UST Site Characterization Report, Honeywell 34th Street Facility, Phoenix, Arizona Facility ID#0-00227 LUST File Nos. 0393.02-.10 and CAP (Honeywell, 2002; CH2M HILL, 2004a-b).

1. Original Area 2 Fuel Farm (southwest corner of Building 230)
2. Tank Farm north of Building 203
3. Piping Adjacent to Building 211
4. Piping Adjacent to Building 223
2. Current Area 2 Fuel Farm

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.
2. For details pertaining to accidental releases and potential and known ground disposal areas refer to the Final FRI Report.
3. Orange Call-out boxes represent the Key Potential Source Areas for CVOCs.
4. Pink Call-out boxes represent the Primary Source Areas for Petroleum Hydrocarbon-Related VOCs.

Originator:	Chris von Freeden	*Chris von Freeden* (Signature)
Checked by:	Tasha Lewis	*Tasha Lewis* (Signature)
Approved by STC or PM:	Robert Frank	*Robert Frank* (Signature)

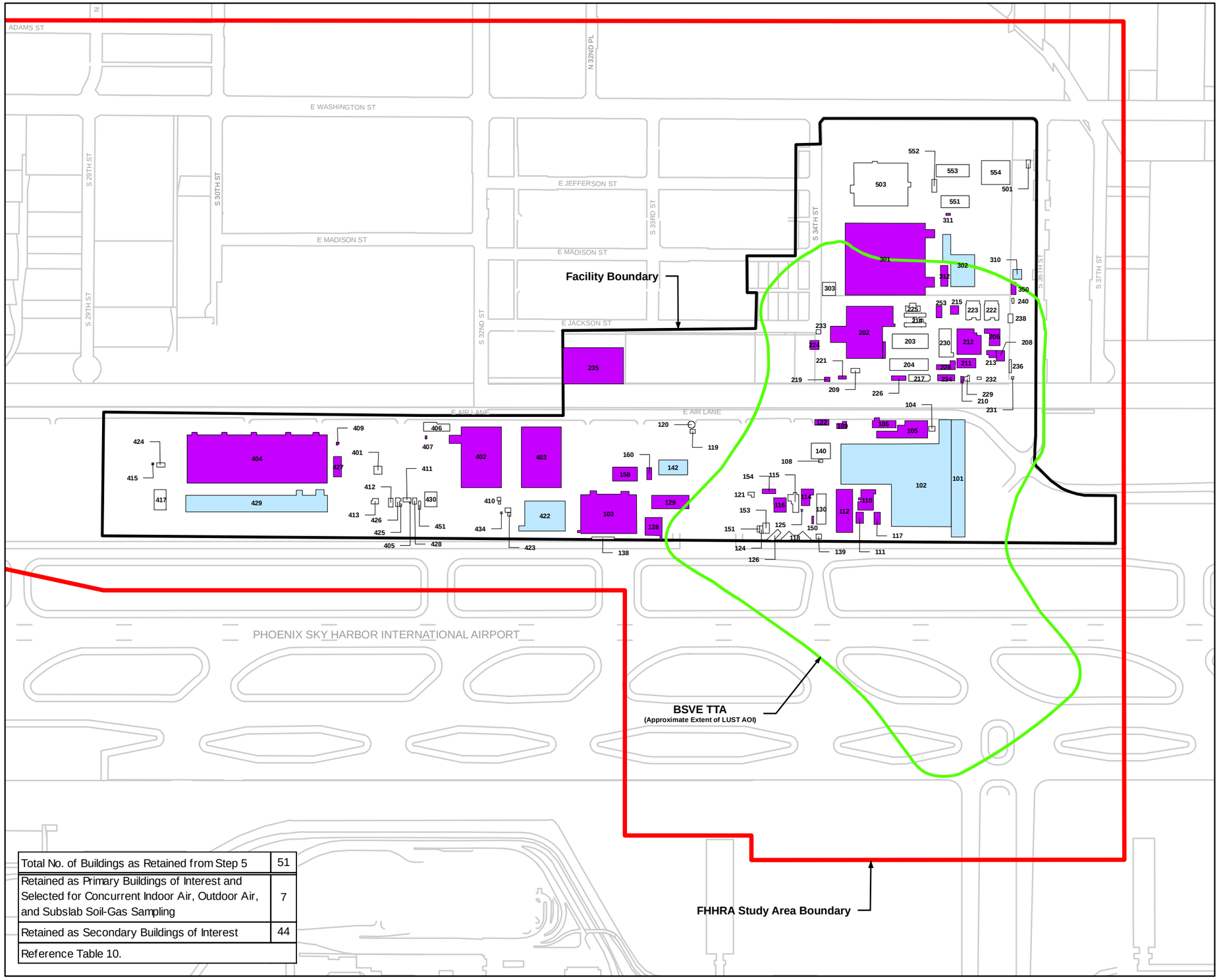
N

0 100 200 300 400
Feet
1"=200'

FIGURE 1-7
SUMMARY OF POTENTIAL SOURCES
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

UNK \\MADISON\GROUPS\EMS\GIS_LIBRARY\HONEYWELL\34TH_STREET_FACILITY\EVALUATIONS\POTENTIAL_SOURCE\MAPFILES\REVISED_BUILDING2\FIGURE_1-8 SUMMARY_POTENTIALSOURCES_D5\SIZE.MXD CVONFREE 3/14/2011 11:46:47



Total No. of Buildings as Retained from Step 5	51
Retained as Primary Buildings of Interest and Selected for Concurrent Indoor Air, Outdoor Air, and Subslab Soil-Gas Sampling	7
Retained as Secondary Buildings of Interest	44
Reference Table 10.	

LEGEND

- 102 — Retained as Primary Buildings of Interest and Selected for Concurrent Indoor Air, Outdoor Air, and Subslab Soil-Gas Sampling (7 Total)
- 301 — Retained as Secondary Buildings of Interest (44 Total)
- 140 — Building was Excluded from Further Evaluation (i.e., not Selected for Concurrent Indoor Air, Outdoor Air, and Subslab Soil-Gas Sampling Based on Prioritization Rationale (55 total))
- BSVE Target Treatment Area (TTA)
- Honeywell 34th Street Facility
- FHHRA Study Area
- Street and Airport Features

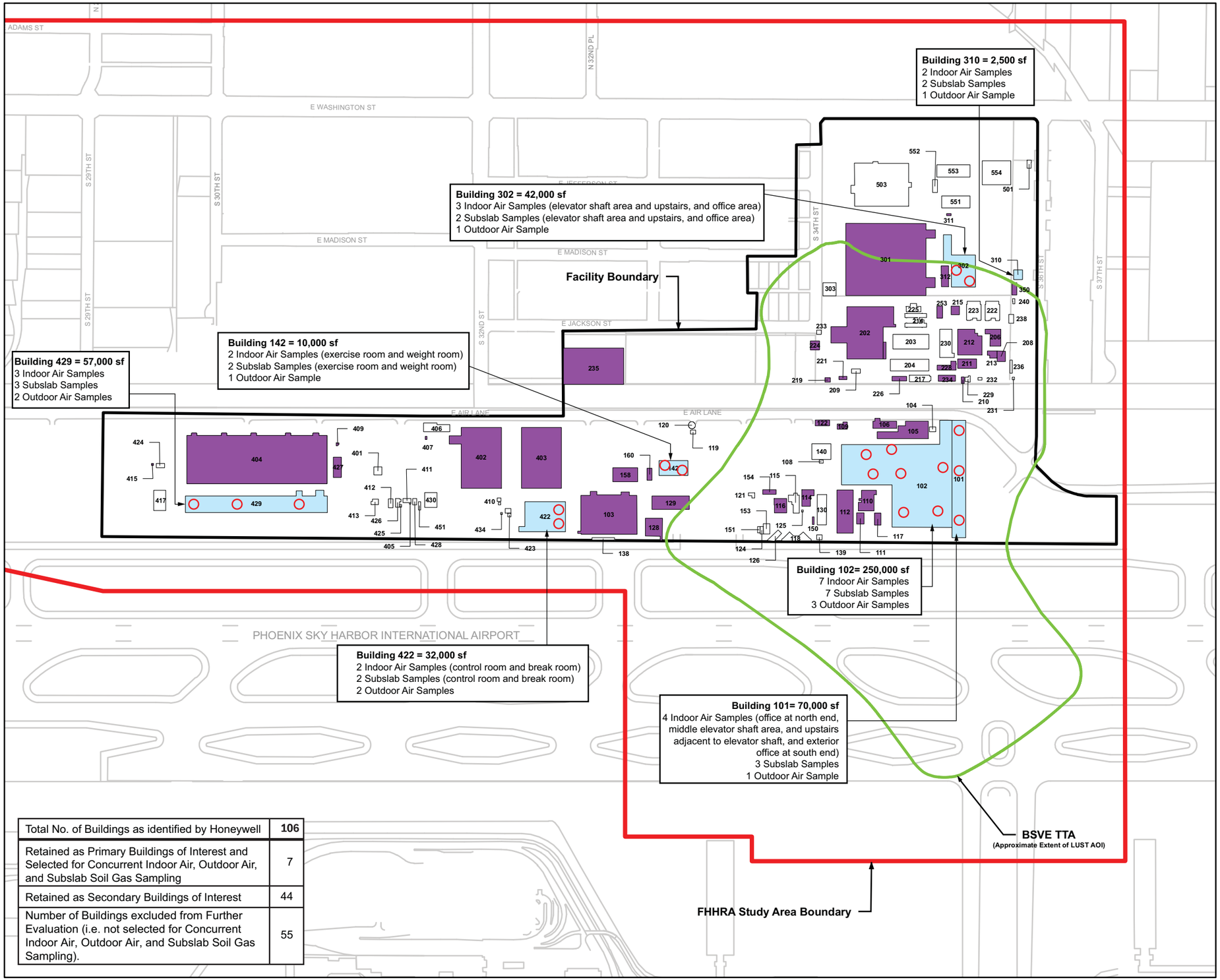
Originator:	Andrew O'Malley	*Andrew O'Malley* (Signature)
Checked by:	Tasha Lewis	*Tasha Lewis* (Signature)
Approved by STC or PM:	Loren Lund	*Loren Lund* (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.

N

0 250 500 750 1,000
Feet
1"=500'

FIGURE 2-1
FINAL PRIMARY AND SECONDARY BUILDINGS OF INTEREST RETAINED FOR PHASE 2 VAPOR INTRUSION ASSESSMENT
Honeywell 34th Street Facility
Phoenix, Arizona



Total No. of Buildings as identified by Honeywell	106
Retained as Primary Buildings of Interest and Selected for Concurrent Indoor Air, Outdoor Air, and Subslab Soil Gas Sampling	7
Retained as Secondary Buildings of Interest	44
Number of Buildings excluded from Further Evaluation (i.e. not selected for Concurrent Indoor Air, Outdoor Air, and Subslab Soil Gas Sampling).	55

LEGEND

- 102 — Retained as Primary Buildings of Interest and Selected for Concurrent Indoor Air, Outdoor Air, and Subslab Soil-Gas Sampling (7 Total)
- 301 — Retained as Secondary Buildings of Interest (44 Total)
- 140 — Building was excluded from further evaluation, i.e. not selected for Concurrent Indoor Air, Outdoor Air, and Subslab Soil Gas Sampling based on Prioritization Rationale (55 Total)
- BSVE Target Treatment Area (TTA)
- Honeywell 34th Street Facility
- FHHRA Study Area
- Street and Airport Features
- Sample Locations

Originator: Michael Niemet	*Michael Niemet* (Signature)
Checked by: Tasha Lewis	*Tasha Lewis* (Signature)
Approved by STC or PM: Loren Lund	*Loren Lund* (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.
2. Proposed sampling locations are based on the ADEQ/ USEPA July 19 and 20, 2011 sitewalk. Locations may be adjusted slightly based on building surveys.
3. Indoor air samples will be analyzed by USEPA Method TO-15 SIM and Radon.
4. Outdoor air samples will be analyzed by USEPA Method TO-15 SIM.
5. Subslab soil gas samples will be analyzed by USEPA Method TO-15 Scan.

N

0 250 500 750 1,000
Feet
1"=500'

FIGURE 2-2
PROPOSED CONCURRENT INDOOR AIR, OUTDOOR AIR, AND SUBSLAB SOIL GAS SAMPLING LOCATIONS

Honeywell 34th Street Facility
Phoenix, Arizona

Appendices

Appendix A
CH2M HILL SOP #1
Standard Operating Procedure for Conducting Building Surveys for Vapor Intrusion Evaluations

Standard Operating Procedure for Conducting Building Surveys for Vapor Intrusion Evaluation

This standard operating procedure (SOP) describes the procedures for conducting building surveys for vapor intrusion evaluations. A building survey is performed as part of a vapor intrusion evaluation to obtain information for development of a conceptual site model (CSM) and to prepare for vapor intrusion sampling.

1. Purpose and Objectives

1.1 The three purposes of performing a building survey are to

1.1.1 gather building characteristics data for the vapor intrusion CSM,

1.1.2 select optimal vapor intrusion sampling locations within the building, and

1.1.3 determine if there are any potential indoor sources.

1.2 This SOP can be used to perform building surveys in residential, commercial, or industrial buildings. At project sites with multiple buildings, a building survey should be performed for each building that is included in the vapor intrusion evaluation.

1.3 A CSM for vapor intrusion pathway evaluation describes potential constituent sources, migration pathways, and potential human receptors under current and/or future land uses at the site.

1.4 The important building characteristics for vapor intrusion pathway evaluation include

1.4.1 construction materials

1.4.2 room dimensions

1.4.3 building/room use

1.4.4 presence of a basement or crawl space

1.4.5 condition of the slab

1.4.6 presence/condition of doors and windows

1.4.7 type, age, and typical operational settings of the air handling unit

1.4.8 identification of potential vapor intrusion pathways into the building (e.g., cracks, sumps, drains, utilities, etc.) and

1.4.9 the presence of potential indoor sources of volatile organic compounds (VOCs).

1.5 The building survey will likely be the first interaction with the occupants at the building and is an appropriate time to provide occupants with information on the

vapor intrusion evaluation being performed and any sampling procedures that will be used.

2. Project-Specific Considerations

2.1 Some states include building survey procedures and forms in their regulations or guidance documents. It is the responsibility of the project team to make sure this procedure meets all applicable regulatory standards and receives approval/concurrence from the leading regulatory agency for the project.

2.2 Varying levels of detail can be attained for building surveys. The project should develop data quality objectives (DQOs) to determine what specific information should be collected for their project.

2.3 For vapor intrusion evaluations in residential areas, a community outreach plan should be developed and the field team should be trained on how to communicate with residents.

2.4 Ideally, the building survey should be conducted at least one week before the actual indoor air or subslab soil gas sampling event. This advance timeframe allows the vapor intrusion investigator to identify and eliminate (to the extent practical) potential background sources of indoor air contamination. It also permits the investigator to confirm the sample locations with the occupants and regulatory agency(s) (if applicable) ahead of the scheduled sampling event.

3. Health and Safety

There are several health and safety topics to consider when performing building surveys:

3.1 Field teams should perform building surveys in pairs. A field team member should never enter a residence alone. The mental stability of a home owner should not be taken for granted. Building surveys at abandoned buildings should also be performed in pairs; if one team member is injured, the other will be able to seek help.

3.2 Walk slowly and with caution to avoid slips, trips, and falls.

3.3 Beware of animals and insects. This applies to abandoned buildings and residences.

3.4 Be careful of overhead hazards in basements. Do not attempt to enter crawl spaces.

4. Materials

4.1 Building Survey Form – to record survey information. Example forms are provided separately from this SOP. There is one for residential buildings, and one for industrial/commercial buildings.

4.2 Flashlight

4.3 Walking wheel or measuring tape – to measure building and room dimensions

4.4 Camera – to photograph the building, heating, ventilation, and air conditioning (HVAC) system, etc.

4.5 Photoionization detector – to monitor total VOCs for health and safety at sites where high VOC concentrations may be expected (*OPTIONAL*)

5. Field Procedures

5.1. Gain access to the building. Schedule the site visit with the site contact. At a client- owned and -operated site this step may just require a phone call to the client. At an off-site residence this may require significant coordination, including obtaining an access agreement and providing vapor intrusion fact sheets to inform residents of the vapor intrusion pathway and the reason for the investigation.

5.2. Obtain occupant information. The building occupants are the potential receptors in the vapor intrusion CSM. Is the building use residential, commercial, or industrial? How many people typically occupy the building? re there sensitive receptors (children, elderly, or immune-impaired) in the building? How much time do occupants spend in the building?

5.3. Obtain building information. How old is the building? What was its original use? Have there been any additions or other significant modifications? How many floors does the building have? Does the building have a basement? If so, how far does it extend below grade? Is the slab on grade? Is the slab elevated above the ground surface?

5.4. Observe the slab condition. The building slab is the barrier between subslab soil gas and the indoor air. How thick is the slab? What is the general condition of the slab? What is the floor covering in each room of the lowest floor (carpet, tile, etc.)?

5.5. Identify potential vapor intrusion pathways. The entry of organic vapors into a structure is caused by the infiltration of contaminants through the floor and walls that are in contact with the soil. Any openings, cracks, or penetrations in the foundation may be entryways for subslab soil gas. Are there any utilities that penetrate the foundation? Are they sealed properly? Are there cracks in the slab? If so, note where these cracks are and their approximate size. Are there sumps? If so, note the dimensions of each and their typical operating conditions. Is the wall/floor juncture sealed well? Is there a French drain? Has the basement been waterproofed? Are there expansion joints in the slab? If so, note their condition. Are there any utilities that penetrate the foundation? If so, are they sealed well?

5.6. Other vapor intrusion pathways may be cracks in the walls and floors, sumps, spaces around the wall/floor juncture of floating floor construction, or other breaches in the walls or slab. The *Residential Building Survey for Vapor Intrusion Evaluation* and *Industrial / Commercial Building Survey for Vapor Intrusion Evaluation* forms ask a series of questions that are designed to assist in the identification of potential points of vapor intrusion. Identify the type of building foundation, construction of the basement floor, and the presence of sumps or drains. Any obvious breaches in the walls or slab in the basement (or lowest floor) should be noted. The investigator should also examine the points at which all utility lines enter the structure.

5.7. Survey the building envelope. The condition of the building envelope will determine the rate of outdoor to indoor air exchange. A high rate of outdoor air exchange can dilute soil gas that may be migrating into the building. Walk around the inside and outside of the building and record information on the building

construction and condition. How many doors/windows/loading docks are there, what condition are they in, and are they typically left open or closed? What are the building construction materials?

5.8. Determine the indoor air volume. If a building has a very large indoor air volume, soil gas migrating into the building may become quickly diluted. Indoor air sampling may be necessary in multiple rooms if the indoor air volume is not connected. Measure the building dimensions (length, width, and height). Measure the dimensions of rooms within the building. How are the rooms connected? Are doors typically kept open or shut?

5.9. Evaluate the HVAC system. The HVAC system's operation can determine if the building is negatively or positively pressurized. If a building is negatively pressurized, then subslab gas will be pulled into the building; and if the building is positively pressurized, subslab gas will not enter the building. Record the type/model of the systems and the typical operating conditions. Is there one air conditioning zone or multiple zones (look for multiple thermostats)? Does the HVAC system use radiant heat or forced air? Are there ventilation fans? If so, note where and their typical operating conditions.

5.10. Identify any existing vapor mitigation systems. Is there a radon mitigation system or other subslab depressurization system? Is there sealant on any cracks or crevices? Is there a sealant coat on the floor for vapor or water mitigation?

5.11. Sketch the building floor plan. Record all pertinent building characteristics for the vapor intrusion evaluation. Include building dimensions, locations of windows/doors/loading docks, outdoor surface cover (grass, asphalt, etc.), and locations of any potential indoor VOC sources.

5.12. Identify potential indoor contaminant sources within the building. Record the location of the potential sources and determine if they can be removed before indoor air sampling is performed. Potential indoor sources of VOCs may include cleaning products, paint, dry-cleaned clothes, gasoline, cosmetics, or cigarette smoke. Recent remodeling activities, including painting, new carpeting or flooring, and new furniture should be identified because they could be potential sources of VOCs. It may be necessary to include additional sheets to inventory all the potential VOC sources within the structure. Be sure to document any potential VOC sources that are removed from the structure so that it can be included in the data evaluation. When potential indoor VOC sources are identified and removed from a building, it may be necessary to ventilate the rooms affected in advance of the air sampling event. This ventilation should be completed at least 24 hours before the commencement of the indoor air sampling event. A hand-held field screening instrument can also be used to pinpoint potential indoor VOC sources.

5.13. Identify potential outdoor contaminant sources. These may include gas stations, major roadways, dry cleaners, repair shops, industries, or landfills.

5.14. *OPTIONAL.* I dentify possible indoor air and subslab sample locations that meet the project-specific DQOs.

5.14.1. Indoor Air Sample Locations

5.14.1.1. Typically, indoor air samples should be collected on the lowest floor of the building at breathing zone height (approximately 3 to 5 feet) toward the center of the building away from windows.

5.14.1.2. Consideration should be given on a case-specific basis to those situations (such as a daycare facility) where a different sampling height may also be appropriate to evaluate a unique setting or population.

5.14.1.3. Indoor air samples can be collected from more than one floor within a structure to address varying risk exposures and as part of the process to distinguish contaminants related to vapor intrusion from background sources. Thus, the location and position of the sample container will vary depending on which floor the sampling event takes place.

5.14.1.4. In residential structures, ground floor (living space) samples should be located to approximate human risk exposure.

- The basement sample(s) are primarily designed to investigate "worst case" situations within a structure.
- Therefore, basement samples are positioned as close as possible to the source area (e.g., sumps or major cracks in the foundation).

5.14.2. Subslab Soil Gas Sample Locations

5.14.2.1. Subslab sample locations should also be toward the center of the building and ideally in an area of exposed concrete away from any penetrations in the slab. Positions near the perimeter of the slab are subject to dilution and should be avoided.

5.14.2.2. To minimize potential damage to flooring, it may be necessary to select a location in a closet or utility room (where carpeting or tiles are less visible or not present at all).

5.14.2.3. The selected location(s) should be chosen in consultation with the property owner during the building survey.

5.14.3. Procedures for collecting indoor air and subslab soil gas samples inside a building are described in the *Integrated Indoor, Outdoor, and Crawl Space Air Sampling Method for Trace VOCs Using Canisters* and the *Standard Operating Procedure for Installing Subslab Probes and Collecting Subslab Soil Gas Samples Using Canisters*.

6. Data Reduction and Evaluation

6.0.1 The information collected during the building survey can be used to develop a preliminary vapor intrusion CSM for the work plan, refine an existing CSM, select locations for indoor air and subslab samples, or to provide information to support the evaluation of the vapor intrusion pathway in a vapor intrusion evaluation or human health risk assessment.

7. Quality Control

7.0.1 Adequate time should be reserved for performing building surveys and detailed notes should be recorded at the time of the building survey.

Industrial / Commercial Building Survey for Vapor Intrusion Evaluation

Date: _____ Project Name / #.: _____

Preparer(s): _____

Facility Name: _____

Building ID: _____

Address: _____

_____

Contact Person: _____

Phone Number: _____

e-mail address: _____

Building Description

Building or Room Identifier: _____

Primary Activity within Building (select one):

☐ Manufacturing ☐ Storage ☐ Other

☐ Chemical processing ☐ Chemical Storage

☐ Administrative ☐ Instrumentation/Control

Historical Activities within Building (if different from above): _____

_____

_____

Notes: _____

_____

_____

Construction/Remodel Date(s) _____

Approximate floor space _____

Number of floors _____ Ceiling height(s) _____

Multi-room building ☐ or Single room ☐

Aboveground Construction ☐ Wood ☐ Concrete

☐ Brick ☐ Cinderblock

☐ Other _____

Floor plan attached? ☐ Yes ☐ No

Notes: _____

_____

Revised 4/26/11

Evaluation of Potential Conduits from Soil

Building ID: _____

Floor/foundation description (check all that apply)

☐ Wood ☐ Concrete ☐ Elevated above grade?
Feet above grade:_____
☐ Other _____ ☐ Below grade?
Feet above grade:_____
☐ Slab on grade?

Expansion joints present (if concrete floor)?	☐ Yes	☐ No	☐ N/A
Are expansion joints sealed?	☐ Yes	☐ No	☐ N/A
Are sumps or floor drains present?	☐ Yes	☐ No	☐ N/A
Are basements or subsurface vaults present?	☐ Yes	☐ No	☐ N/A
Are there subsurface drainage problems?	☐ Yes	☐ No	☐ N/A

Notes/Explanation for N/A responses: _____

_____

_____

Evaluation of Potential Pathways/Driving Forces

Are there locations with elevated positive or negative pressure (look for doors not opening/closing properly, perceptible airflow, audible fan noise)? _____

_____

Is there one air conditioning zone or multiple zones (if in a multi-room building)?

☐ Single zone ☐ Multi-zone ☐ Other _____

(Building management may know; another tip: presence of multiple thermostats = multiple zones)

Sources of outdoor air

☐ Mechanical (air handling unit) ☐ Attic Fans
☐ Windows ☐ Doors

Are windows/doors left open routinely? ☐ Yes ☐ No

Notes: _____

_____

Evaluation of Potential Existing Chemical Sources Indoors

Building ID: _____

List principal solvent or VOC-containing products used (obtain MSDSs if available)

_____ _____
_____ _____
_____ _____

Are any of the target analytes used in this building/room?

☐ Yes ☐ No

_____ _____
_____ _____

Are pesticides used indoors for pest control? ☐ Yes ☐ No

Names of pesticide products used? _____
_____

Has there been a pesticide application within the past 6 months? ☐ Yes ☐ No

Is smoking permitted in the building? ☐ Yes ☐ No

Description of Vapor Mitigation Systems

Has a radon or vapor mitigation system been installed in this building/room? ☐ Yes ☐ No

Date of installation? _____

Type of system?

☐ Passive venting ☐ Active subslab depressurization
☐ Crack/crevice sealing ☐ Dilution ventilation control
☐ N/A

Notes: _____
_____
_____
_____

Additional Notes **Building ID:** _____

Additional Notes **Building ID:** _____

Date: _____

Preparer: _____

Facility: _____

Description (floor): _____

Floor Plan Information

Residential Building Survey for Vapor Intrusion Evaluation

Project Information

Project Name: _____ Project # : _____

Survey Completed By: _____ Date: _____

Building Address: _____ Residence ID: _____

Resident and Contact Information

Name of Occupant: _____ Owner / Tenant / Other: _____

Occupant Phone #s: Home: _____ Work: _____ Cell: _____

Duration at Current Residence: _____ Best Time To Call / Visit: _____

Number of Building Occupants: Children (list ages): _____ Adults: _____

(If Rental) Property Owner Name: _____ *Owner Phone #s: Home:* _____

Owner Address: _____ *Work:* _____

Name of Interviewee for Building Survey: _____ Notes: _____

Building Construction Characteristics

Building Type: (Check box for all that apply)

- ☐ Single Family Residential
- ☐ Multi Family Residential
- ☐ Commercial
- ☐ Ranch
- ☐ Two-story
- ☐ Other (specify): _____
- ☐ Split Level
- ☐ Tri Level
- ☐ Duplex (# of other half of duplex): _____
- ☐ Apartment (# of units in Building): _____

Describe Building: (General Description, Construction Materials, etc.) _____

Approximate Age: _____ years **Approximate Area:** Total Living Space: _____ sq.ft. First Floor: _____ sq.ft.

Floors: # Floors at or above grade: _____

Which floors of the residence are utilized as living space / occupied? _____

Foundation Type: Foundation Description: (Split Foundation or Multiple Types)

Crawl Space: Yes / No _____

Slab on Grade: Yes / No _____

Basement: Yes / No Slab & Crawl Space Construction: _____

Basement or Crawl Space Details: (if applicable)

Finished Basement: Yes / No Basement Finished When: _____ Approximate Area: _____ sq.ft.

Basement or Crawl Space Floor: (Check box for all that apply)

- ☐ Concrete
- ☐ Dirt
- ☐ Floating (built on top of actual floor)
- ☐ Other (specify): _____

Foundation Walls: (Check box for all that apply)

- ☐ Poured Concrete
- ☐ Block
- ☐ Stone
- ☐ Other (specify): _____

Does the basement or crawl space have a moisture problem - dampness? (Check only one)

- ☐ Yes, frequently (3 or more times/year)
- ☐ Yes, occasionally (1-2 times/year)
- ☐ Yes, rarely (less than 1 time/year)
- ☐ No

Is the basement or crawl space ever wet - flooded? (Check only one)

- ☐ Yes, frequently (3 or more times/year)
- ☐ Yes, occasionally (1-2 times/year)
- ☐ Yes, rarely (less than 1 time/year)
- ☐ No

Building Address: _____ Date: _____

Basement or Crawl Space Details Continued: (if applicable)

Does the basement have any of the following? (Check all that apply)

☐ Floor cracks ☐ Wall cracks ☐ Floor Drain ☐ Sump pump

☐ Other hole / opening in floor (describe): _____

Is the sump pump used? Yes / No Depth of sump? _____ ft Where does the sump pump drain? _____

Describe ventilation of crawl space: _____

Description of ground cover outside of building: ☐ Grass ☐ Concrete ☐ Asphalt ☐ Other: _____

Heating & Ventilation Systems

Heating System - Fuel Type: (Check box for all that apply)

☐ Natural Gas ☐ Electric ☐ Coal ☐ Fuel Oil

☐ Wood ☐ Other (specify): _____

Heating - Conveyance System: (Check box for all that apply)

☐ Forced Hot Air ☐ Electric Baseboard ☐ Wood Stove ☐ Fireplace

☐ Forced Hot Water ☐ Hot Water Radiation ☐ Heat Pump ☐ Kerosene Heater

☐ Other (specify): _____

Type of Ventilation System: (Check box for all that apply)

☐ Central air handler / blower ☐ Mechanical / ceiling fans ☐ Bathroom ventilation fans ☐ Air-to-air heat exchanger

☐ Kitchen range hood fan ☐ Other (specify): _____

Does the Residence have Air Conditioning: (Check box for all that apply)

☐ Central Air Conditioning ☐ Window Air Conditioners ☐ Other (specify): _____

Describe the current operating conditions of the HVAC system: _____

Miscellaneous Information

Does the Residence have any of the following?

Septic System? Yes / Yes (but not used) / No Irrigation / Private Well? _____

Existing subsurface depressurization (radon) system in place? Yes / No Is it running? Yes / No

Is there standing water outside the residence (pond, ditch, swale)? Yes / No If so, describe: _____

Has the residence been retrofitted / weatherized with any of the following? (Check box for all that apply)

☐ Insulation ☐ Storm Windows ☐ Energy-efficient windows ☐ Other (specify): _____

Does the building have an attached garage? Yes / No If so, is a car usually parked in the garage? Yes / No

Chemicals

Have any pesticides / herbicides been applied around the building foundation or in the yard / gardens? Yes / No

If so, when - and which chemicals? _____

Has the residence had a pesticide treatment inside? Yes / No When / by whom? _____

Do the occupants of the building have their clothes dry-cleaned? Yes / No

When were dry-cleaned clothes last brought into the building? _____

Have the occupants ever noticed any unusual odors in the buidling? Yes / No

Describe (with location): _____

Building Address: _____ Date: _____

Miscellaneous Information Continued:

Have there been any known spills of a chemical immediately outside or inside the building? Yes / No

Describe (with location): _____

Do any of the occupants smoke inside the building? Yes / No How often? _____

Do any of the occupants use solvents at work? Yes / No Are their clothes washed at home? Yes / No

If so, when - and what rooms? _____

Within the last 6 months, has there been any painting or remodeling in the residence? Yes / No If so, when _____

What rooms, and what specifically was done? _____

Within the last 6 months, has any new carpeting been installed? Yes / No Have the carpets or rugs been cleaned? Yes / No

If so, when, what rooms, and what cleaners? _____

Consumer Products Inventory

Check consumer products that are present in the residence.

		Storage Location	Frequency of Usage	Date of Last Use
☐	Paint or Wood Finishes (spray or can)			
☐	Paint stripper / remover / thinner			
☐	Solvent cleaners (eg. spray-on oven cleaner)			
☐	Metal degreaser / cleaner			
☐	Gasoline / diesel fuel			
☐	Glues or adhesives (super glue, etc)			
☐	Air fresheners & scented candles			
☐	Laundry / carpet spot removers			
☐	Pesticides / Insecticides			
☐	Nail polish remover (acetone)			
☐	Aerosols (deodorizers, polish, cleaners)			
☐	Other:			
☐	Other:			
☐	Other:			

Describe any products that are containerized during sampling event:

_____

Provide any additional information that is provided by interviewee:

_____

Building Address: _____ Date: _____

Building Sketch

Provide sketch of floors in house, including the following information:

- Street (sidewalk, patios, driveway, distance to house)
- Location of heating and cooling systems, including fireplace
- General location of doors and windows
- Primary chemical storage location(s)
- General orientation of garage and main rooms

N

Post Sampling Review

Date Noted: _____ **Sampling Team:** _____

Has any information changed during the sampling event?

Did windows and doors remain closed? _____

Was any dry cleaning brought home? _____

Were any of the consumer products discussed yesterday used in the last 24-hours? _____

Were any of the containerized products opened? _____

Notes / other information observed post-sampling: _____

_____

_____

Appendix B
CH2M HILL SOP #2
Integrated Ambient Indoor, Outdoor, and Crawl Space Air Sampling Method for Trace VOCs Using Summa ™ Canisters

This SOP is to be used in conjunction with a work plan developed specifically for each project. Please obtain appropriate senior review before implementing this SOP in the field.

Standard Operating Procedure for Indoor, Outdoor, and Crawl Space Air Sampling for VOCs Using Canisters

1. Scope and Application

This sampling method describes the procedure for collecting ambient air samples for targeted volatile organic compounds (VOCs). Reporting limits for these samples are usually very low and extremely prone to positive bias from interfering VOC sources. The method presented here is based on 'clean' sampling techniques. The requirements of 'clean' sampling dictate that sampling and sample handling are done by trained personnel. A building survey must be performed before sample collection. It is the responsibility of the project team to make sure this procedure meets all applicable regulatory standards and receives approval/ concurrence from the leading regulatory agency for the project.

2. Summary of Method

A sample of air is drawn, using clean technique, into a certified-clean, evacuated stainless steel SUMMA® canister (or equivalent) using a certified-clean flow controller. Sample collection can be integrated over time by adjusting the flow controller. Project-specific sample periods as short as 10 minutes to as long as 24 hours can be achieved based on the size of canister used and the sampling rate selected (see Table 1). Generally, 6-liter canisters are used for ambient air sampling. In cases where the crawl space is most conveniently sampled by access through crawl space vents, a sampling probe (sample delivery line made of Teflon® or stainless steel) of sufficient length is attached to the inlet of the flow controller.

3. Apparatus and Materials

3.1. Canister, stainless steel, polished, certified clean and evacuated. (Canisters are typically cleaned, evacuated, and provided by the laboratory.)

3.2. Flow controller, certified clean and set at desired sampling rate. (Flow controllers are typically cleaned, set, and provided by the laboratory.)

3.3. Shipping container suitable for protection of canister during shipping. Typically, strong cardboard boxes are used for canister shipment. The canisters should be shipped back to the laboratory in the same shipping container in which they were received.

3.4. Wrenches and screwdriver (clean and free of contaminants), various sizes as needed for connecting fittings and making adjustment to the flow controller. A 9/ 16-inch wrench fits the ¼-inch Swagelok® fittings, which most canisters and flow controllers have.

3.5. Negative pressure (vacuum) gauge, oil-free and clean, to check canister vacuum. (The gauges are typically provided by the laboratory.) The laboratory may either provide one vacuum gauge to be used with all of the canisters, or a vacuum gauge for each canister to be left on during sample collection. Sometimes the canisters are fitted with built-in vacuum gauges that are not removable. These gauges are for field use only, and are an approximate measure of the actual vacuum. Regularly calibrated -- and less rugged -- vacuum gauges are used at the laboratory to measure vacuum before shipment and again after sample receipt.

3.6. Sampling probe, new Teflon® or stainless steel tubing, fitted with compression fittings. (For crawl space samples)

3.7. Sampling cane or similar device for outdoor air sampling to prevent water from entering canister during sampling.

4. Sample Collection

4.1. 'Clean' sampling protocols must be followed when handling and collecting samples. This requires care in the shipping, storage, and use of sampling equipment. Cleanliness of personnel who come in contact with the sampling equipment is also important: no smoking,

eating, drinking, perfumes, deodorants, dry cleaned clothing, etc. Canisters should not be transported in vehicles with gas-powered equipment or fuel cans. Sharpie®-type markers should not be used for labeling or note-taking during sampling.

4.2. The sampling canisters are certified clean and evacuated by the laboratory to negative 30 in Hg. Care should be used at all times to prevent inadvertent loss of canister vacuum. ***Never open the canister's valve unless the intent is to collect a sample or check the canister vacuum with an attached gauge.***

4.3. Prior to taking indoor air samples, be sure to complete a building survey for vapor intrusion evaluations (see the *Standard Operating Procedure for Conducting Building Surveys for Vapor Intrusion Evaluation*). When taking outdoor or crawl space air samples, be sure to note on the field log any items that might bias analytical results (such as fuel cans, garbage, fresh paint, etc.)

4.4. Inspect the canister for damage and do not use a canister that has visible damage.

4.5. Verify that the vacuum in the canister is between 28-30 inches mercury (in Hg). Do not use a canister that has an initial vacuum lower than 28 in Hg because that canister may have leaked during shipment. For sampling at altitude, vacuum measurements will read lower. A quick rule of thumb is a measured vacuum 1 in Hg lower per 1,000 feet above sea level. For example, if collecting samples at 4,000 feet above sea level, then an evacuated canister will measure between 24 and 26 in Hg (or so).

4.5.1. Remove the protective cap from the valve on the canister.

4.5.2. If using an external gauge, attach the gauge to the canister and open the valve. If the vacuum gauge has two openings, make sure that the other opening is closed; the canister cap can be used for this. After taking the reading, close the canister and remove the gauge.

4.5.3. If using assigned vacuum gauges, attach the vacuum gauge to the canister, then attach the flow controller. When sample collection begins, record the initial vacuum.

4.6. Flow controllers (if used) should come pre-set by the laboratory to sample at a pre-determined rate based on specific project requirements (see Table 1 for the most common options). In some cases (that is, project-specific quality assurance [QA]), the flow rate will need to be verified in the field prior to use. This is accomplished with a bubble meter, vacuum source, and instructions supplied by the laboratory.

4.7. In the field log record the canister identification (ID), flow controller ID, initial vacuum, desired flow rate, sample location information, and all other information pertinent to the sampling effort. The indoor and outdoor temperature and barometric pressure should be recorded when sampling begins and is completed.

4.8. Connect the flow controller to the canister.

4.8.1. The flow controller fitting denoted "LP" or "OUT" is connected to the canister. Tighten the fitting to be leak free but <u>do not over-tighten</u> (a ¼ turn past snug is usually enough.) When tightening the fitting, be sure that the valve assembly does not rotate, by using your other hand to hold the valve steady.

4.8.2. If an assigned vacuum gauge is used for each canister, the vacuum gauge should be attached to the canister first and then the flow controller should be attached to the vacuum gauge.

4.8.3. When the flow controller and vacuum gauge are attached correctly they will not move separately from the canister (they will not spin around).

4.9. For outdoor samples, be sure that the inlet to the flow controller is protected from precipitation. Either place the canister and flow controller under a shelter/ enclosure, use a

sampling cane provided by the laboratory, or use a clean piece of aluminum foil to build a tent over the flow controller inlet.

4.10. For sampling in public areas, outdoor air sample canisters should be secured to an immovable structure to ensure security. A bicycle lock or piece of chain and Master® lock can be used. NOTE: Do not secure the canister to or close to a living tree, however, because the tree's evapotranspiration process may release VOCs from groundwater into the vicinity. It may be a good idea to attach a label to the canister explaining that it is an environmental sample and should not be tampered with. The label can also include contact information.

4.11. If crawl spaces are being sampled remotely through a crawl space vent, adjust the length of the sampling probe to achieve the desired sampling location and place an inert spacer (wire clothes hanger) near the end of the probe to keep the probe tip opening suspended ~ 3 inches above the ground level. Now connect the sampling probe to the inlet of the flow controller.

4.12. Remove all work articles from the sampling area.

4.13. To begin sampling, slowly open the canister valve one full turn.

4.14. For canisters with built-in or assigned vacuum gauges, monitor the vacuum change several times during the course of the selected sample period to ensure the canister is filling at the desired rate.

4.15. At the end of the sample period, close the canister valve finger tight.

4.16. Remove the flow controller (and assigned vacuum gauge) and replace the protective cap on the canister valve fitting.

4.17. If using an external vacuum gauge, re-attach it, open the canister valve, and record the final vacuum. Then close the valve, remove the vacuum gauge, and replace the protective cap. Ideal vacuum in the canister is between 2 and 10 in Hg. More than 10 in Hg can greatly increase reporting limits. Zero in Hg measurable vacuum may invalidate the sample. Immediately consult with the project team if either one of these conditions is encountered.

4.18. If the flow controller is going to be used for more than one sample collection, be sure to purge it between uses. To do this, attach the flow controller to a vacuum source and draw clean air or gas (ultra-high purity) through it for several minutes before attaching it to the canister.

5. Sample Handling and Shipping

5.1. Fill out all appropriate documentation (chain of custody, sample tags) and return canisters and equipment to the laboratory.

5.2. The canisters should be shipped back to the laboratory in the same shipping container in which they were received. The samples do not need to be cooled during shipment. DO NOT put ice in the shipping container.

5.3. When packing the canisters for shipment, verify that the valve (just past finger tight) and valve caps are snug (1/ 4 turn past finger tight), and use sufficient clean packing to prevent the valves from rubbing against any hard surfaces. Never pack the cans with other objects or materials that could cause them to be punctured or damaged.

5.4. **Do not place sticky labels or tape on any surface of the canister!**

5.5. Place a custody seal over the openings to the shipping container.

5.6. Make sure to insure the package for the value of the sample containers and flow controllers if corporate card policy does not cover this.

5.7. Ship canisters for overnight delivery.

6. Quality Control

6.1. Canisters supplied by the laboratory must follow the performance criteria and quality assurance prescribed in U.S. Environmental Protection Agency (EPA) Method TO-14/ 15 for canister cleaning, certification of cleanliness, and leak checking. SOPs are required.

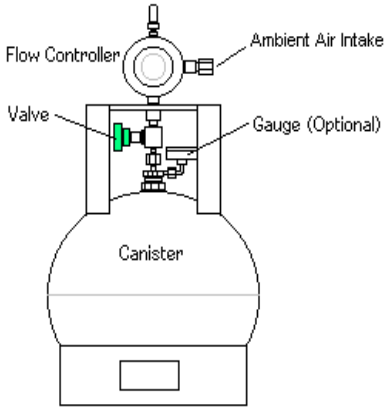
6.2. Flow controllers supplied by the laboratory must follow the performance criteria and QA prescribed in EPA Method TO-14/ 15 for flow controller cleaning and adjustment. SOPs are required.

Table 1 – Common Sampling Rates for Ambient Air Sampling

Canister Size	Sample Duration	Sampling Flow Rate (ml/ min)
6 Liter	1 hour	90
6 Liter	8 hours	11.25
6 Liter	24 hours	3.75
1 Liter	5 minutes	180
1 Liter	1 hour	15
850 ml	5 minutes	150
850 ml	1 hour	12

FIGURE 1

Assembled Canister Sampler for Integrated Sample Collection



Ambient Air, Outdoor Air, and Crawl Space Air Sampling Log (Canister Sampling)

Project Information

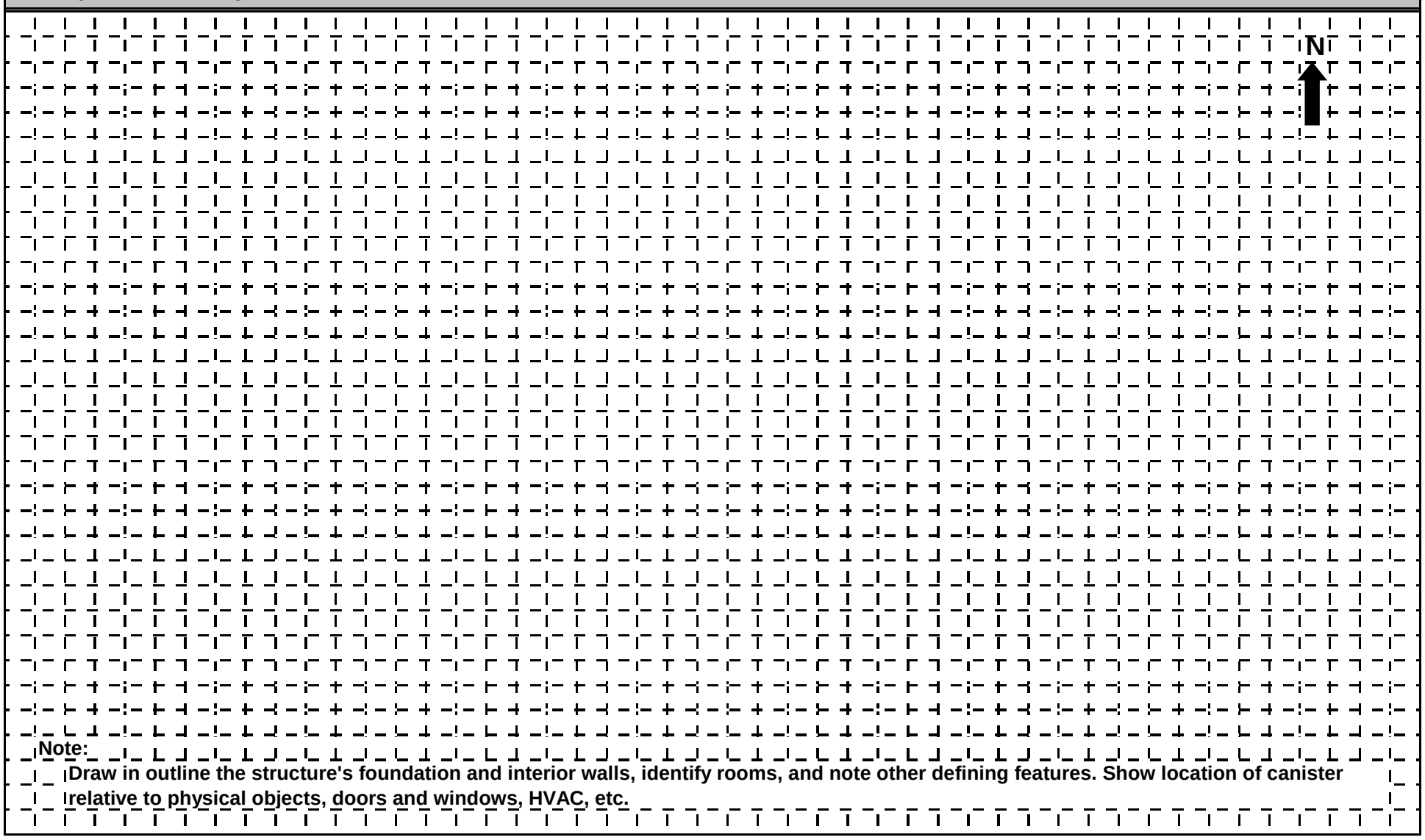
Project Name: _____ Project # : _____

Prepared By: _____ Date: _____

Sampling Data Log

Sample Location	Field ID	Canister ID	Flow Controller ID	Initial Canister Vacuum (inches Hg)	Initial Flow Controller Rate (ml/min)	Start Date & Time	End Date & Time	Final Vacuum (inches Hg)	Final Flow Controller Rate (ml/min)

Sample Location Diagram



Vacuum gauge ID(s): _____

Other Observations and Comments (note any unique circumstances): _____

Appendix C
CH2M HILL SOP #3
Standard Operating Procedure for Installing Subslab Probes and Collecting Subslab Soil Gas Samples Using Summa ™ Canisters

Standard Operating Procedure for Installing Subslab Probes and Collecting Subslab Soil Gas Samples Using Canisters

1.0 Scope and Application

This standard operating procedure (SOP) describes the approach for installing subslab probes and collecting subslab soil gas samples using canisters (e.g., SUMMA® canisters or equivalent). It includes instructions on probe installation, leak checking, soil gas sampling, and probe abandonment. This SOP should be used in conjunction with project data quality objectives. The project team is responsible for ensuring this procedure meets all applicable regulatory standards and receives approval/ concurrence from the leading regulatory agency for the project. Only persons trained in the collection of subslab samples should attempt this procedure.

2.0 Project-Specific Considerations

2.1 A utility clearance should be performed prior to mobilization, as with all intrusive site work. In addition, it is highly recommended that ground penetrating radar (GPR), specifically a concrete scanner, be used to identify utilities, wire mesh, and/ or rebar in the slab prior to drilling. The sampling team should look around the building to locate where utilities come into the building and make sure they are not underground. Utility shut-off valves should be located in case an underground utility is encountered.

2.2 There are three types of probe installation techniques. The type chosen depends on site access, probe seal integrity considerations, and the number of sampling events planned. It is critical that the sealing compound used is low in volatile organic compounds (VOCs). The following suggested sealing compounds below have been tested and approved for use. Consult a subject matter expert if another compound is preferred or available. See Table 1 for more specific details.

2.2.1 Temporary – Beeswax – Use if time is short, access is an issue, and a higher risk of leaks (requiring repeated resealing of the probe) is acceptable. It MUST be 100% pure, natural beeswax.

2.2.2 Semi-Permanent – Fix-It-All – Use if setting the probe and sampling on one day is preferred, access limitations are minimal, only one sampling event is intended, and minimal moisture is present.

2.2.3 Permanent – Portland cement – Use if there is unlimited access and multiple sampling events are desired.

3.0 Materials

3.1 Subslab Probe Installation

- Hammer drill and drill bits (7/ 8-inch and 1-inch OR 5/ 16-inch and 1/ 2-inch). NOTE: It is a good idea to have an extra-long drill bit available to drill through the occasional extra-thick slab.
- Vacuum cleaner ('shop vac' type or handheld, with HEPA filtration) for removing concrete dust generated while drilling through the slab for probe installation. Continuously vacuum the dust as it is generated during the drilling process.
- Subslab probe (for permanent or semi-permanent installations) See Figure 8 for an expanded view of the probe parts.
    - 1/ 4-inch stainless steel tube for probe (Swagelok® part #SS-T4-S-035-20)
    - Swagelok® nut and ferrule set (part #SS-400-NFSET)
    - Probe union (1/ 4-inch male Swagelok® to 1/ 8-inch female NPT – part #SS-400-7-2). (Refer to www.swagelok.com/ downloads;webcatalogs/ EN/ MS-13-151.pdf).

    - Metal probe sealing plug – flush mounted hex socket plug, 1/ 8-inch PTFE-coated, 3/ 16-inch (NPT slotted brass plug, McMaster-Carr part #4534K11)
- Metal tubing cutter for adjusting the length of the probe so that the probe does not extend below the slab
- Probe seal consisting of beeswax, Fix-it-All, or portland cement
- Wax melter (for beeswax only) – can be obtained from a beauty supply store (paraffin wax melter or body hair wax melter). Also need a clean metal measuring cup with handle for placing the wax into the melter; this way the wax can be melted in the cup and then easily poured into the probe hole. The beeswax CANNOT be melted with a direct flame because this generates VOCs and particulate pollutants.
- Large cotton swabs or paper towels and non-chlorinated (de-ionized or distilled) water for cleaning the concrete dust out of the hole
- Tongue depressor, putty knife, or similar tool for putting the probe seal material into the hole
- Teflon® pipe tape to wrap the end of the probe tubing so that the probe fits tightly into the hole to prevent the seal material from clogging the probe
- Tape measure to measure the thickness of the slab (measured off of a long screwdriver or drill bit)
- Optional: Sonicare® toothbrush with bristles removed. This can be useful in removing air bubbles from the cement mixture while installing the probe, thus making a more competent seal. Toothpicks or cotton swabs without cotton tip can also be used for this purpose.

3.2 The helium leak-check equipment, including

- Helium canister containing high-grade helium (NOT balloon grade)
- Enclosure, which may be constructed from a small bowl or container
- Regulator for the helium canister
- Helium detector (e.g. Dielectric MGD®-2002), which can be rented from an equipment rental company.

3.3 Sampling

- Sampling union: 1/ 4-inch male Swagelok® (or equivalent) to 1/ 4-inch male NPT (part # SS-400-1-2)
- Vacuum pump for purging with rotometer to control flow to 200 milliliters/ minute (ml/ min)
- Sampling manifold consisting of Swagelok® gas-tight fittings with three valves and one vacuum gauge to attach the probe to the air pump and the sample canister. See Figure 10. This manifold must be clean, free of oils, and flushed free of VOCs before use. This is accomplished by flushing three or four volumes of purge gas (ultra-high-purity [UHP] air or nitrogen) through the manifold and associated tubing.
- Teflon® (or inert nylon) tubing, 1/ 4-inch outer diameter (OD)
- Tedlar® bag (1-L or 3-L) to collect the purged soil gas, so it is not discharged into the building
- Gem2000® Landfill Gas Meter – this is optional if field measurements of CO_2, O_2, or CH_4 are necessary
- MiniRae® PID Meter – this is optional if field measurements of total VOCs are necessary
- Flow controller or critical orifice, certified-clean, and set at desired sampling rate. These are typically cleaned, set, and provided by the laboratory.
- Canister, stainless steel, polished, certified-clean, and evacuated. (Canisters are typically cleaned, evacuated, and provided by the laboratory.)
- Miscellaneous fittings (Swagelok® nut and ferrule, part #SS-400-NFSET) to connect tubing to sampling union and the canister

- Negative pressure (vacuum) gauge, oil-free and clean, to check canister vacuum. The vacuum gauges are typically provided by the laboratory. The laboratory may either provide one vacuum gauge to be used with all of the canisters, or a vacuum gauge for each canister to be left on during sample collection. Sometimes the canisters are fitted with built-in vacuum gauges that are not removable. Gauges sent by the laboratory are for field use only, and are an approximate measure of the actual vacuum. Regularly calibrated – and less rugged – vacuum gauges are used at the laboratory to measure vacuum before shipment and again after sample receipt.

3.4 Probe Abandonment

- Probe removal fitting
- Crowbar
- Concrete patch (either pre-mixed cement patch or portland cement)

3.5 Miscellaneous

- Teflon® tape
- Wrenches and screwdrivers (clean and free of contaminants), various sizes as needed for connecting fittings and making adjustment to the flow controller. A 9/ 16-inch wrench fits the 1/ 4-inch Swagelok® fittings, which most canisters and flow controllers have.
- Extension cord
- Timer/ watch
- Tools required to cut carpet, and/ or tools needed for removal of other floor coverings
- Shipping container, suitable for protection of canister(s) during shipping. Typically, strong cardboard boxes are used for canister shipment. The canisters should be shipped to the laboratory in the same shipping container(s) in which they were received.

4.0 Probe Installation

4.1 Locate the sampling locations in accordance with the work plan. Note the location of the probe, locations of significant features (walls, cracks, sumps, drains, etc), and conditions of the slab and soil.

4.2 If needed, expose the concrete by cutting the carpet or other loose floor coverings (Note: Carpet need not be removed, but rather an 'L' shape should be cut to expose the concrete for drilling and the leak-check enclosure).

4.3 Drill a 7/ 8-inch or 1-inch diameter hole to a depth of 1-3/ 4 inches (measured to the center of the hole) to allow room for installing the probe nut and probe union (See Figure 2). Remove the cuttings using the HEPA vacuum cleaner. Be careful to not compromise the integrity of the slab during drilling (e.g., cracking it), although note if this occurs. It is important that the slab and the probe hole remain airtight for sampling and that cracks are noted.

4.4 Drill a 5/ 16-inch or 1/ 2-inch diameter hole through the remainder of the slab and approximately 3 inches down into the subslab material (See Figure 3). Drilling into the subslab material creates a void that is free of obstructions that might plug the probe during sampling. Record the total depth of the slab and the depth drilled into the subslab material on the Subslab Soil Gas Field Sampling Log.

4.5 Clean out the drilled hole with the HEPA vacuum (equipped with a micro tip), cotton swabs, and paper towel. This removes any remaining dust, allowing the seal material to adhere to the hole wall better.

4.6 Some agencies may require that glass beads be poured into the subslab hole before installing the probe. If so, pour clean glass "seed beads" (available at a craft store) into

the hole until enough beads have been added so that the top of the beads are even with the bottom of the slab. A thin piece of wire marked with the slab thickness and inserted into the hole can be used to determine this.

4.7 Install the subslab probe into the hole. First, trim the probe to the appropriate length so that when inserted into the hole it will not extend below the slab. Then wrap the end of the probe tubing with Teflon tape so that the probe fits tightly into the hole to prevent the seal material from clogging the probe. For permanent or semi-permanent probes, the probe is constructed of stainless steel tubing and Swagelok® parts. Temporary probes consist of 1/ 4 inch OD Teflon® tubing.

4.7.1 Temporary Seal (beeswax)

4.7.1.1 Melt the beeswax in the wax melter and pour the melted wax into the hole around the tubing. Be sure to get wax on all sides of the smaller diameter hole by moving the sample tube away from the walls. Continue to add wax until the hole is completely full.

4.7.1.2 Let the wax cool for 10 minutes.

4.7.1.3 Be sure to never leave the probe hole open to the atmosphere for extended periods to minimize the effects of surface infiltration.

4.7.1.4 Be careful to never put too much force on the sampling tube. The wax is only a temporary seal, and its sealing integrity can be compromised easily.

4.7.2 Semi-Permanent (Fix-It-All) or Permanent (portland cement) Seal

4.7.2.1 Wet the walls of the hole using the cotton swab or moistened paper towel. This helps the mortar bond to the drilled concrete. Prepare the mortar in accordance with manufacturer's directions to a stiff consistency. Make sure that the consistency is such that the mixture will not run down the sides of the hole and potentially clog the probe or hole but is still easy enough to work with (so it can be easily scooped into the hole). Only mix an amount that can be used in 15 minutes. Place sample probe and sample union part-way into the hole, as shown in Figure 4. Using the tongue depressor or similar tool, apply mortar around the base of the sampling probe and sampling union such that it will be sealed once it is in place.

4.7.2.2 Fill the hole with mortar, and press the probe further into the hole until its top is flush with the floor. In doing so, slightly wiggle the probe to create good 'wetting' contact between the probe and the mortar as well as the mortar and the drilled concrete. It may be helpful to work the concrete with a Sonicare® toothbrush (with the bristles removed) or a toothpick or similar object during this step to remove the air bubbles from the mortar and make a more competent seal. Scrape off excess and make sure there is clear access to the probe. See Figure 5.

4.7.2.3 For Fix-It-All, let dry for 30 minutes. For cement, let cure for 24 hours.

4.7.2.4 Be sure to never leave the probe hole open to the atmosphere for extended periods to minimize the effects of surface infiltration.

4.7.2.4.1 For permanent or semi-permanent probes, a probe seal should be inserted into the probe union to minimize the effects of surface infiltration while the sealant is drying/ curing.

5.0 System Set-Up

5.1 For semi-permanent and permanent subslab probes, remove the probe's airtight cap and attach the sampling union to the subslab probe. Then attach 1/ 4-inch Teflon® tubing to the sampling union with a Swagelok® nut and ferrule set. See Figure 6.

5.2 Place the helium leak-check enclosure over the subslab probe by threading the Teflon® tubing through the hole of the enclosure. Slide the enclosure down so it seals on the concrete slab. If there is an uneven surface (e.g., carpet and concrete), modeling clay can be utilized to seal the bottom of the helium enclosure to the ground surface. Attach the other end of the sample tube to the sampling manifold with the use of a nut and ferrule set. See Figures 7 and 9.

5.3 Attach the subslab sample tubing to the sampling manifold. See Figure 10. ***Do not connect the canister at this time***.

5.4 Adjust the vacuum pump to achieve the desired flow rate of 200 ml/ min. This should be performed at the outlet of the vacuum pump before purging, either by using a suitable flow meter or calculating the amount of time required to fill a 1-liter Tedlar® bag.

5.5 Attach the air pump to the sampling manifold and the Tedlar® bag to the air pump exhaust.

6.0 System Leak Checking and Purging

6.1 Physical Leak Check - Perform a leak check of the sample manifold system (Figure 10):

6.1.1 Make sure the gas probe valve (valve #1) is closed and the sample valve (valve #2) is open.

6.1.2 Open the purge valve (valve #3) and start the vacuum pump. Verify that the flow is set to 200 ml/ min.

6.1.3 Close the sample valve (valve #2) and achieve a vacuum gauge reading of 10 inches of mercury (inches Hg) or to a vacuum that will be encountered during sampling, whichever is greater.

6.1.4 A leak-free system will be evident by closing off the purge valve (valve #3), turning off the vacuum pump, and observing no loss of vacuum within the sampling manifold system for a period of 30 seconds. Repair any leaks prior to sample collection.

6.1.5 Record the leak check date and time on the Subslab Soil Gas Field Sampling Log.

6.2 System Purge and Helium Leak Check - A purge of the subslab probe and sampling manifold system is required. The helium leak-check procedure is also performed during this step. This leak check will verify the integrity of the probe seal. This is accomplished by doing the following:

6.2.1 Place the helium leak-check enclosure around the subslab probe to achieve a buildup of helium in the leak-check enclosure. The enclosure should not be tightly sealed and there should be an exhaust for the helium so pressure doesn't build up in the enclosure.

6.2.2 Start the flow of helium to the leak-check enclosure at 200 ml/ min. Let the helium fill the enclosure for 1 minute.

6.2.3 Open the sample valve (valve #2) and the purge valve (valve #3) and start the purge pump. Verify that the flow rate is still 200 ml/ min.

6.2.4 To start the soil gas probe purge, open the gas probe valve (valve #1) and close the sample valve (valve #2) at the same time, and start timing. It is important to

switch these two valves simultaneously. Otherwise, a vacuum can be built up in the sampling system, and its sudden release can draw concrete powder (left at the bottom of the probe hole after drilling) into the sampling system, which will damage the valves and vacuum pump.

6.2.5 If there is shallow groundwater in the area, carefully watch the tubing as the pump is turned on. If water is observed in the sample tubing, shut the pump off immediately. Subslab soil gas collection may not be feasible.

6.2.6 Purge the first 30 seconds (approx. 100 ml) into a 1-liter Tedlar® bag. Remove the bag and replace with a fresh 1-liter Tedlar® bag. Continue the purge for at least another 2.5 minutes. This will result in a total of about 500 ml of purge gas in the second bag and 600 ml of purge volume total. At the end of the purge time, remove the Tedlar® bag from the pump and connect it to the helium detector. If a reading of >1 percent or 10,000 ppm_v (verify that this limit is consistent with appropriate project-specific agency guidance) is observed, then the probe leak check has failed and corrective action is required. There are three corrective action options:

6.2.6.1 Make sure that all the fittings are tight.

6.2.6.2 Try fortifying the probe seal by adding more sealing material or modeling clay and repeating the purge and leak check procedure.

6.2.6.3 If the above two options fail, abandon the hole, drill a new one, and repeat the whole procedure.

Note: Helium leak detectors may be sensitive to high concentrations of methane (or other atmospheric gasses. If these are expected to be present in the subslab soil gas, then caution should be used with this technique, as false positive readings may be encountered during leak testing.

6.2.7 At the end of the purge and after the system is verified to be leak-free, close the purge valve (valve #3). Do not open it again. Doing so will result in loss of the purge integrity and will require re-purging. Turn off the helium leak detector.

6.2.7.1 In the event that multiple sampling locations are proposed or a 24-hour subslab soil gas sample needs to be collected, a flow diversion valve (Swagelok® part# SS-4P4T) should be placed in line with the sampling union and sample tubing when setting up the location for purging. Once purging has been completed, the flow diversion valve can be turned to the off position, allowing disconnection of the vacuum pump for use at another location, without the loss of purge integrity at the purged location.

6.2.8 The purged subslab soil gas in the Tedlar® bag can be screened with a Gem2000® landfill gas meter to get field measurements of CO_2, O_2, and CH_4 and/ or a MiniRae® PID can be used to measure concentrations of total VOCs in the field.

6.2.9 Record the purge date, times, purge rate, leak check result, and purge volume on the Subslab Soil Gas Field Sampling Log.

6.2.10 Immediately move on to the sampling phase. Little to no delay should occur between purging and sampling.

7.0 Sample Collection

7.1 'Clean' sampling protocols must be followed when handling and collecting samples. This requires care in the shipping, storage, and use of sampling equipment. The cleanliness of personnel who come in contact with the sampling equipment is also important, so

smoking, eating, drinking, wearing of perfumes or deodorants, and dry-cleaned clothing are prohibited. Canisters should not be transported in vehicles with gas-powered equipment or fuel cans. Sharpie®-type markers should not be used for labeling or note-taking during sampling.

7.2 The air sampling canisters are certified clean and evacuated by the laboratory to 30 inches Hg vacuum. Care should be used at all times to prevent inadvertent loss of canister vacuum. ***Never open the canister's valve unless the intent is to collect a sample or check the canister vacuum with an attached gauge.***

7.3 Verify that the vacuum of the canister is between 28 and 30 inches Hg. Do not use a canister that has an initial vacuum of less than 28 inches Hg because that canister may have leaked during shipment. For sampling at altitude, vacuum measurements will read lower. A quick rule of thumb is a measured vacuum of 1 inch Hg lower per 1,000 feet above sea level. For example, if collecting samples at 4,000 feet above sea level, then an evacuated canister will measure between 24 and 26 inches Hg, or so. NOTE: If you plan to sample at altitude, be sure to inform the laboratory ahead of time so they adjust the flow controllers accordingly.

7.3.1 Remove the protective cap from the valve on the canister.

7.3.2 If using an external gauge, attach the gauge to the canister and open the valve. If the vacuum gauge has two openings, make sure that the other opening is closed; the canister cap can be used for this. After taking the reading, close the canister and remove the gauge.

7.3.3 If using assigned vacuum gauges, attach the vacuum gauge to the canister, then attach the flow controller. As sample collection begins, record the initial vacuum.

7.4 Attach the canister to the flow controller and then connect the flow controller to the sample valve (valve #2) on the sampling manifold. Open the sample valve (valve #2).

7.5 Before taking the sample, confirm that the sampling system valves are set as follows: 1) the purge valve (valve #3) is confirmed to be closed, gas probe valve (valve #1) is open, and 2) the sample valve (valve #2) is open.

7.6 Slowly open (counter-clockwise) the canister's valve approximately one full turn.

7.7 After sampling for the appropriate amount of time (determined from project instructions; see Table 1), close the sample valve (valve #2) and the canister's valve. If the canister has a built-in or assigned vacuum gauge, allow the canister to fill until the vacuum reaches 2 to 10 inches Hg for 6-liter canisters and 2 to 5 inches Hg for 1-liter canisters. Remove the canister from the sampling manifold.

7.8 If using an external vacuum gauge, re-attach it, open the canister valve, and record the final vacuum. Close the valve, remove the gauge, and replace and tighten the cap on the canister. Ideal final vacuum in the canister is between 2 and 10 inches Hg (6-liter) or 2 and 5 inches Hg (1-liter). More than 10 (2-5 at altitude) inches Hg can greatly increase reporting limits; however, a small amount of vacuum should be left in the canister so the laboratory can confirm that the canister was not opened during shipment. Consult with the project team if a final vacuum greater than 10 (or 2-5 at altitude) inches Hg, or less than 2 inches Hg are encountered.

7.9 Record the sampling date, times, canister identification (ID), flow controller ID, vacuum gauge ID(s), and any other observations pertinent to the sampling event on the Subslab Soil Gas Field Sampling Log. Also record the indoor and outdoor temperature and barometric pressure.

7.10 Fill out all appropriate documentation (sampling forms, sample labels, chain of custody, sample tags, etc.).

7.11 Disassemble the sampling system.

7.12 Using the vacuum pump, evacuate the Tedlar® bags. Be sure this is done outside.

8.0 Sample Handling and Shipping

8.1 Fill out all appropriate documentation (chain of custody, sample tags) and return canisters and equipment to the laboratory

8.2 The canisters should be shipped back to the laboratory in the same shipping container in which they were received. The samples should not be cooled during shipment. DO NOT put ice in the shipping container.

8.3 When packing the canisters for shipment, verify that the valve (just past finger-tight) and valve caps are snug (1/ 4 turn past finger tight), and use sufficient clean packing to prevent the valves from rubbing against any hard surfaces. Never pack the canisters with other objects or materials that could cause them to be punctured or damaged. Ensure that flow controllers and gauges are separately and adequately wrapped to prevent damage.

8.4 **Do not place sticky labels or tape on any surface of the canister.**

8.5 Place a custody seal over the openings to the shipping container.

8.6 Make sure to insure the package for the value of the sample containers and flow controllers if corporate card policy does not cover this.

8.7 Ship canisters for overnight delivery. NOTE: If sampling on a Friday, ensure the laboratory accepts samples on Saturdays (you do not want the canisters sitting on some loading dock (or worse) for 3 days).

9.0 Quality Control

9.1 Laboratories supplying canisters must follow the performance criteria and quality assurance prescribed in U.S. Environmental Protection Agency (EPA) Method TO-14/ 15 for canister cleaning, certification of cleanliness, and leak checking. SOPs are required.

9.2 Laboratories supplying flow controllers must follow the performance criteria and quality assurance prescribed in EPA Method TO-14/ 15 for flow controller cleaning and adjustment. SOPs are required.

10.0 Probe Abandonment and Removal

10.1 After sampling, it is critical that the probe either be removed or securely plugged to prevent the creation of a new pathway for vapor intrusion.

10.2 If the probe is to be used again in the future, wrap the probe seal insert with Teflon® tape and tighten it into the probe opening, using a hex key, until it is tight and flush with the concrete floor.

10.3 If the probe is to be removed, insert the removal fitting into the probe. Using a crowbar, remove the entire probe assembly. If the probe cannot be removed in this manner, then over-drill the probe with a rotary hammer drill and 1-inch drill bit.

10.4 Fill the hole with portland cement mix and return the surface as near to pre-sampling conditions as possible.

Table 1 – Probe Seal Types

Probe Type	Suggested Probe Seal	Benefits	Drawbacks
Temporary	Beeswax	• Quick. Can set probe and take sample in one visit • Easy to remove	• Wax is brittle when cool and is very susceptible to leakage.
Semi-Permanent	Fix-It-All	• Sets up fairly quickly (>30 min.), but may require 2 visits on the same day • Solid seal • Easy to remove	• Not good for wet environments (material breaks down).
Permanent	Portland cement	• Solid, permanent seal • Good for multiple sampling events	• Takes at least 24 hours to cure. • Will require at least 2 visits on consecutive days • Difficult to remove

Table 2 - Common Sampling Rates for Subslab Sampling

Canister Size	Sampling Duration	Sampling Flow Rate (ml/min)
6 Liter	1 hour	90
6 Liter	8 hours	11.25
6 Liter	24 hours	3.75
1 Liter	5 minutes	180
1 Liter	1 hour	15
850 ml	5 minutes	150
850 ml	1 hour	12

Figure 1 – Subslab Sampling Diagram

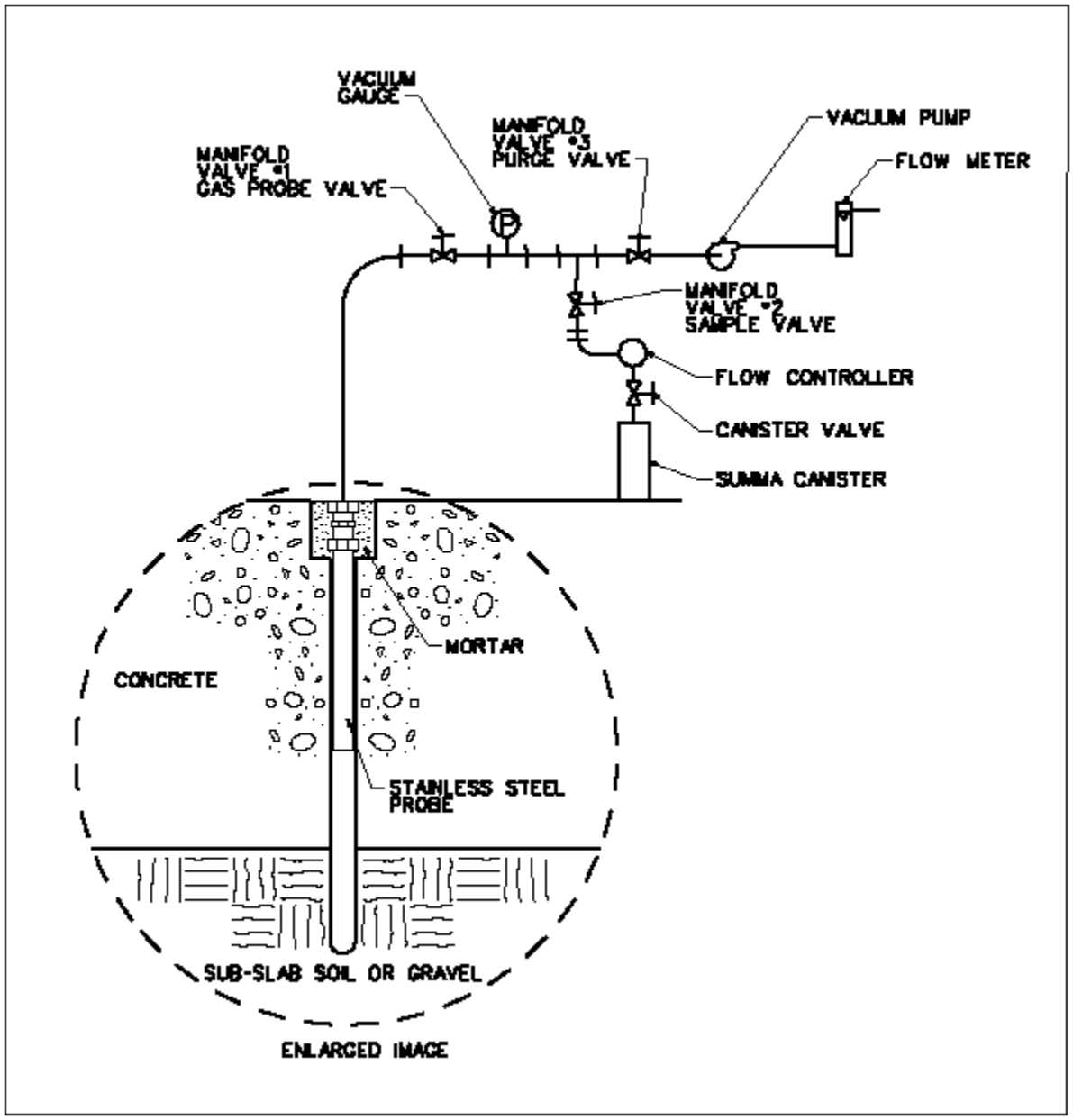


Figure 2 – Drilling 1-Inch Mortar Hole to Depth of 1¾ Inches

Figure 3 – Drilling 1/2-Inch Probe Hole

Figure 4 – Installing Probe with Mortar

Figure 5 – Installed Probe, Flush with Slab

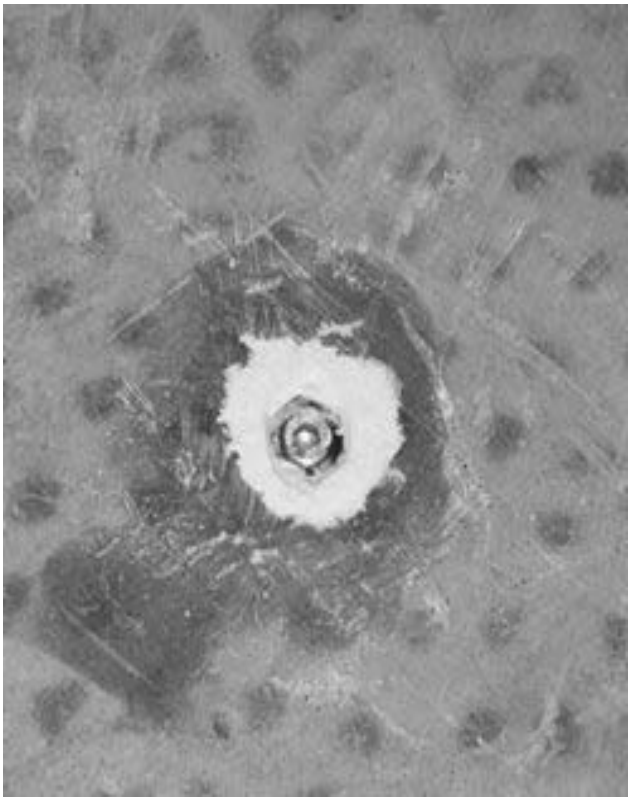


Figure 6 – Installed Probe with Sample Tube

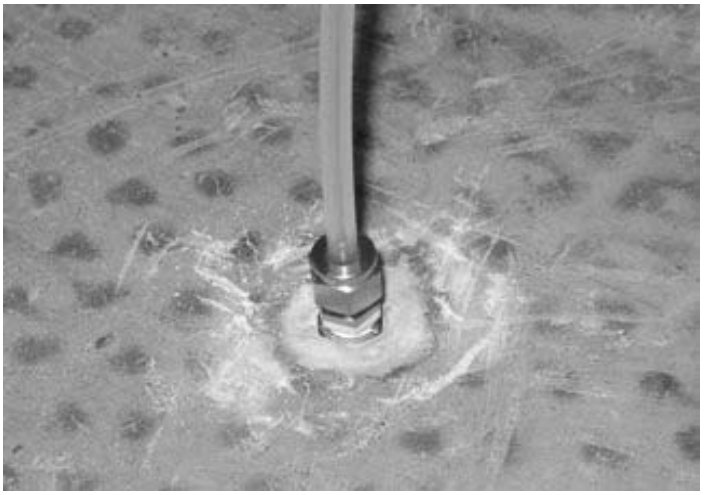


Figure 7 - Installing Helium Leak-Check Assembly

Figure 8 – Probe Parts

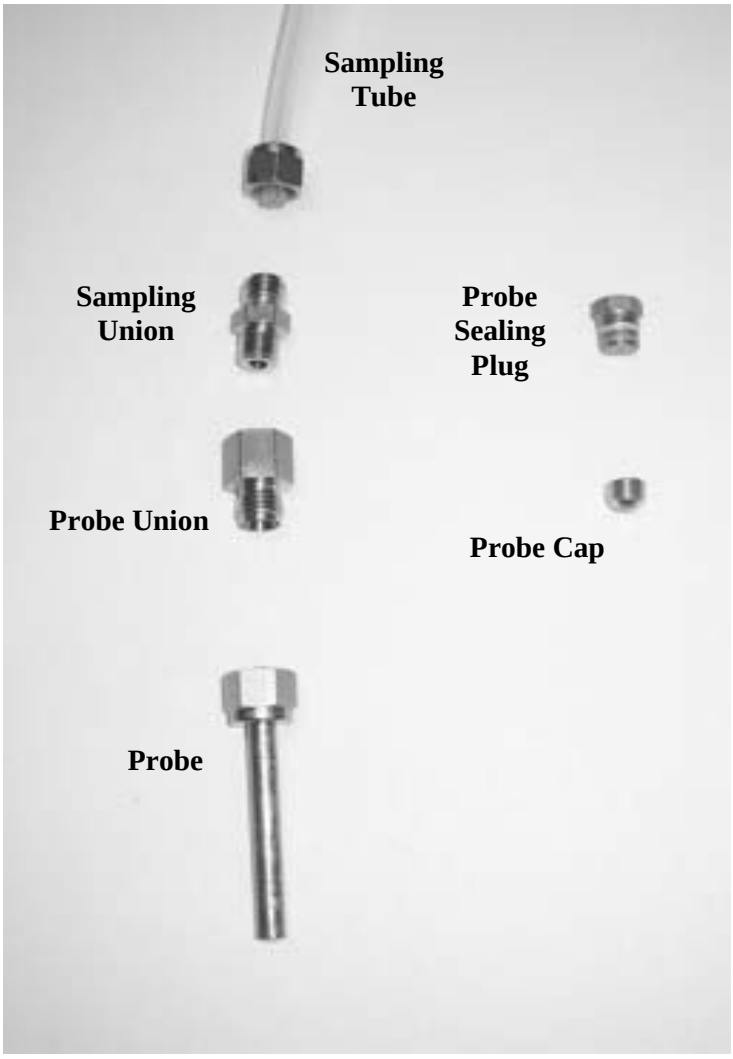


Figure 9 –Helium Leak-Check Assembly

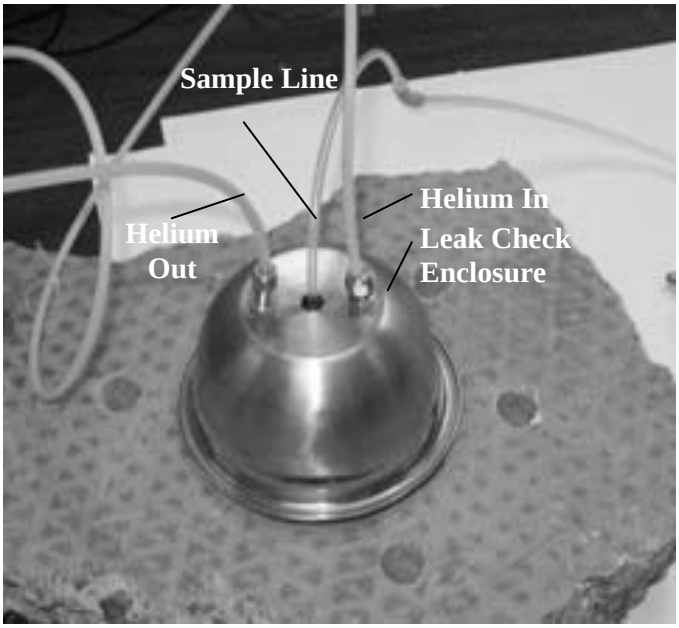
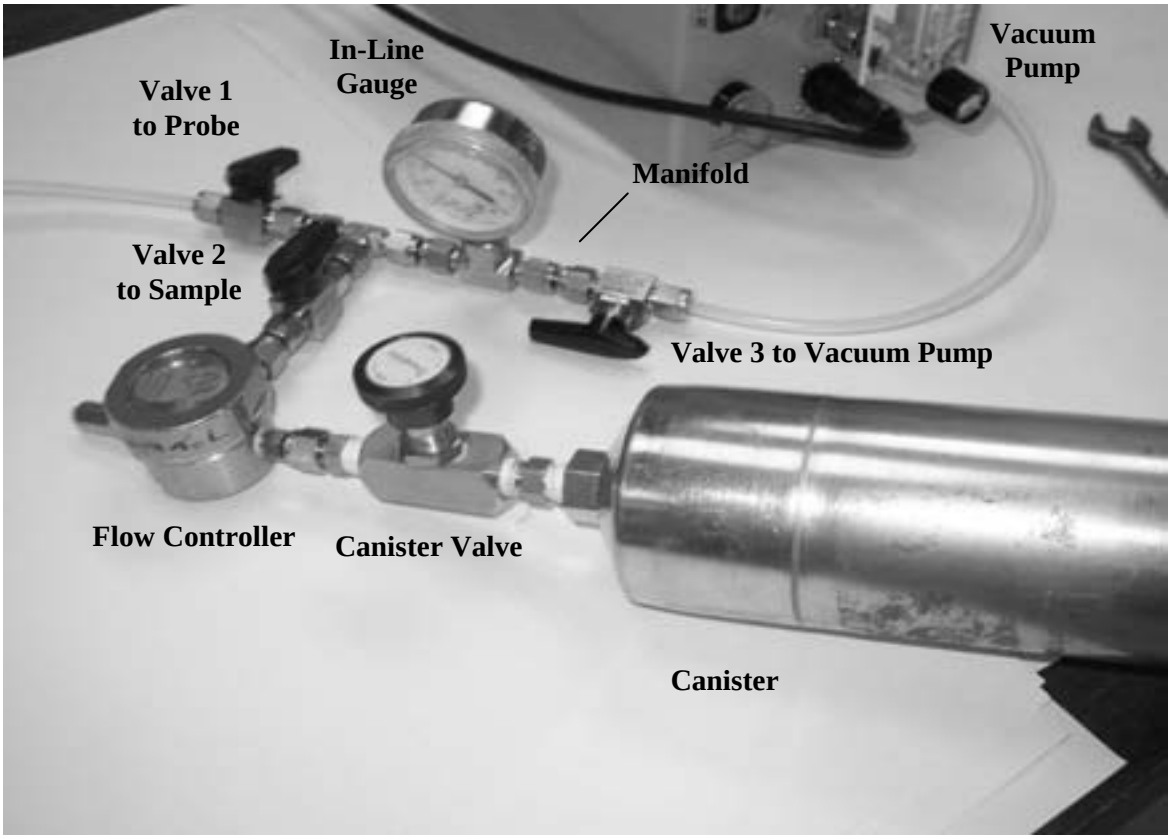


Figure 10 – Sampling Manifold



Subslab Soil Gas Field Sampling Log -- Canister Method

Vapor Intrusion Assessment

Project Info

Project Name: _____ **Project # :** _____

Preparer(s): _____ **Date:** _____

Structure

Identification: _____

Address: _____

Slab Information:

☐ **Concrete slab on grade (directly on top of soil)** ☐ **Other (describe)** _____

☐ **Concrete slab on gravel underlayment** _____

Condition of slab _____

Type of Subslab Soil _____

Is water present in the soil? _____

Subslab Probe Installation, Leak Checking, Probe Purging, & Sampling Log

	Sample Location (show in diagram)	1	2	3	4
	Sample Identification (field ID)				
Probe Installation	**Thickness of slab (inches)**				
	Depth of hole drilled (inches below slab surface)				
	Depth of installed probe (inches below slab surface)				
Manifold Leak Check	**Leak check (sampling manifold) - Pass/No Pass**				
Probe Purge	**Purge rate, ml/min.**				
	Purge Start (time of day)				
	Purge vacuum, inches Hg				
	Purge completed (time of day)				
(Helium) Leak Check	**Leak check (Helium) - % or ppmv**				
Field Analysis (optional)	**Gem 2000 (O_2 / CO_2 / CH_4) - %**				
	PID - ppmv				
Canister Sampling	**Canister & Flow Controller ID (if used)**				
	Initial Canister Pressure, inches Hg				
	Sampling rate, ml/min				
	Sampling period started (time of day)				
	Sampling vacuum, inches Hg				
	Sampling period ended (time of day)				
	Final Canister Pressure, inches Hg				

Observations and Comments: _____

Indoor Vapor Intrusion Assessment
Sub-slab Vapor Sampling Field Log

Diagram - Outline of Structure Foundation & Location of Sub-slab Sampling Probes

N

Note:
Show the location of each soil probe and indicate distances from the foundation edge and other significant features.
Note location of sumps, drains, cleanouts, cracks, etc.

Other observations and comments:

Appendix D
CH2M HILL SOP #4
Standard Operating Procedure for Long-Term Measurement of Subslab/Indoor Air Differential Pressure for Vapor Intrusion Investigations

Standard Operating Procedure for Long-Term Measurement of Subslab / Indoor Air Differential Pressure for Vapor Intrusion Investigations

1. Background

Vapor intrusion is often driven by advective transport of air from soil to indoor air. The movement of soil gas/ vapors located near a building foundation is often affected within an area referred to as the "zone of influence." This zone is usually no larger than a few feet, horizontal and vertical, from the building foundation (ITRC, 2007). Contaminants in soil gas entering this zone are drawn into the building via advection (the movement of gas driven by pressure gradients) and convection (the movement of gas driven by temperature gradients) resulting from building interiors that exhibit a negative pressure or cooler temperature relative to the ambient exterior and the subsurface soil environment.

According to regulatory guidance (EPA, 2002; ITRC, 2007), this pressure differential can occur from one or more factors:

- Operation of HVAC system including inadequate makeup air and unbalanced air supply and exhaust systems;
- The use of fireplaces and other combustion sources, which results in venting of exhaust gases to the exterior;
- Exhaust fans in bathrooms and kitchens that may not be adequately balanced;
- Cooler temperatures indoors relative to outdoors during the cooling season;
- Higher temperatures indoors relative to outdoors during the heating season or as a result of solar radiation on rooftops (stack effect); and
- Pressure exerted on the wall of a building caused by wind movement over the building (Bernoulli's principle).

The combination of these actions/ conditions results in a net convective flow of soil gas from the subsurface through the building foundation to the building interior. Measurements can be made to evaluate the potential for convective flow of soil gas, and hence evaluate the potential for vapor intrusion into a building.

2. Pressure gradient measurements between the inside of the structure and the subslab can assist in interpreting subslab and indoor data and assessing the potential for migration of VOCs detected in the subslab into the indoor air. As discussed by the Interstate Technology and Regulatory Council (ITRC) Vapor Intrusion Guidance (2007), a default negative pressure of 4 Pascals (Pa) between the indoor and subslab is typically assumed, suggesting that there is always an advective flow of soil gas/ vapors into a structure. However, a number of presentations have been given at the U.S. Environmental Protection Agency (USEPA)-sponsored vapor intrusion workshops (http://iavi.rti.org/WorkshopsAndConferences.cfm) to support the conclusion that pressure differences between the indoor and subslab may be positive, negative, or fluctuate between the two (i.e., the building "breathes").

3. Purpose and Objectives

This Standard Operating Procedure (SOP) identifies procedures to provide data for understanding pressure differences between building interior and beneath the building slab (i.e.,

subslab). This SOP does not include procedures for building observation; these are covered in the Building Survey SOPs.

4. Project-Specific Considerations

Pressure monitoring generally should be performed in preparation for mitigation, not in early stages of vapor intrusion evaluation. It is suggested to wait until a potential vapor intrusion pathway is identified before acquiring pressure monitoring data.

A subslab soil gas probe is necessary for performing pressure differential monitoring. If the building does not have an existing subslab soil gas probe, one will have to be installed before pressure differential monitoring can be performed.

The Omniguard™ 4 must be plugged into an outlet; make sure there is an outlet in the building that can be used. An extension cord may be necessary.

It is necessary to periodically check on the Omniguard 4 to ensure that the unit's power has not been interrupted or that the unit has not been tampered with. If there is a power outage in the building the Omniguard™ 4 must be restarted.

Long-term differential pressure monitoring may be conducted concurrently with building surveys and/ or subslab soil gas sampling.

Long-term pressure differential monitoring should be employed to meet project-specific data quality objectives (DQOs).

When the project DQOs call for concurrent subslab soil gas sampling and differential pressure monitoring, probe utilization needs to be considered. In the event where 24 hour samples will be collected at existing subslab probes, a separate subslab probe will need to be installed and dedicated for the sole purpose of differential pressure monitoring so as not to interfere with subslab sampling.

5. Health and Safety

Standard health and safety practices should be followed when conducting long-term differential pressure monitoring. Consult your project's Health and Safety Plan.

Follow the proper operating procedures in the instruction manuals when using the required materials and equipment.

Inspect any extension cords and outlets that are to supply power to the differential pressure recorder to avoid shocks and/ or power shortages. Ensure that the placement of the recorder is in a safe, out of the way area that is not in danger of encountering water or the elements.

6. Materials

6.1. Install subslab probes in accordance with the *Standard Operating Procedure for Installing Subslab Probes and Collecting Subslab Soil Gas Samples Using Canisters*.

6.2. Omniguard™ 4 differential pressure recorder with data logger (http:/ / www.engsolinc.com/ docs/ og/ OG4broch.pdf).

6.3. Barometric data logger (Solinst) http:/ / www.solinst.com/ Downloads/ 3001/ 3001Manual/ Introduction/ Barologger.html)

6.4. Hand-held digital micromanometer (TEC DG500 or equivalent) http:/ / www.energyconservatory.com/ download/ dg500brochure.pdf) and Tygon tubing (optional)

6.5. An extension cord to connect the Omniguard™ 4 to an outlet.

6.6. Equipment to connect the Omniguard™ 4 to the subslab soil gas probe

6.6.1. Swagelok® stainless steel gas-tight fittings (or high-quality equivalent) including a nut and ferrule set (SS-400-NFSET) and a sampling union (SS-400-1-2)

6.6.2. ¼" outer diameter (OD) Teflon® tubing and larger-diameter flexible tubing

6.6.3. Hand tools, including a 9/ 16" wrench and an adjustable wrench

7. Field Procedures

7.1. Differential pressure data logging (using the Omniguard™ 4 differential pressure recorder) is performed at one or more locations within the building (typically a single centrally-located location).

7.2. An existing subslab soil gas probe can be used for these measurements (see Section 3.0); if needed, install and leak-test a subslab soil gas probe using the *Standard Operating Procedure for Installing Subslab Probes and Collecting Subslab Soil Gas Samples Using Canisters*.

7.3. Set up the differential pressure recorder in accordance with the manufacturer's instructions. See Section 6.3.1 for quick startup notes

7.3.1. Omniguard™ 4 - Quick Startup Notes

(1) Download Omniguard™ 4 CD software onto a laptop computer.

(2) Attach Teflon® tubing from subslab probe to inlet port #2 (reference). Inlet port #1 will remain open to indoor air. The tubing can be connected directly to the port if the diameter of the tubing allows; if not, utilize the flexible tubing to affix the Teflon® tubing onto the inlet port.

(3) Turn on the unit. Use the [MENU] button to bring up the unit settings list. Set the Date and Time and press SAVE. Set the data unit setting to pascals [Pa] and press SAVE. Set the Alarm Range from +62 Pa to -62 Pa and press Save. Set the Log Rate for every 5 minutes and Alarm Rate for every 5 seconds and press SAVE; this should be a default when you scroll to that menu item. Set the Contractor Name and press SAVE, if necessary.

(4) Begin the pressure readings by pressing the [Start Job] button. The Job Name option will appear on the display. The Job Number can be changed using the up/ down arrows and press SAVE.

(5) If the unit is set up for multiple days in a public, commonly used area and cannot be monitored in person, the audible alarm can be disabled by pressing the [Alarm Silence] button on the keypad of the unit. The printer can also be disabled by pressing the [Printer On/ Off] button on the keypad of the unit. The readings will continue to be logged on the hard drive of the unit.

7.4. Allow the pressure monitor to operate for a minimum of three to five days with a recommended duration of seven days. It is necessary to periodically check on the Omniguard™ 4 to ensure that the unit's power has not been interrupted or that the unit has not been tampered with. If there is a power outage in the building the Omniguard™ 4 must be restarted.

7.5. Indoor barometric pressure logging should also be performed during the same period as differential pressure logging. Follow the manufacturer's instructions for

operation of the Solinst barometric pressure logger. See Section 6.5.1 for quick startup notes

7.5.1. Barologger® Gold - Quick Startup Notes

(1) Download Levelogger® CD software onto a laptop computer.

(2) Plug the USB cable into the PC before turning on the computer and opening the Levelogger® software.

(3) Open Levelogger® software and press [Retrieve Settings from Levelogger®] to connect Barologger® unit to the PC.

If an error code appears [Files Needed], the USB driver needs to be updated.

a. Go through configuration:

Start Menu> right-click My Computer>Properties>Hardware>Device Manager>expand list of Universal Serial Bus (USB) controllers.

(1) Look for USB driver that has a yellow exclamation point.

Right-click this driver>click Update Driver>Wizard will appear and choose Install from a List or Specific Location>Search>Check Include this location in the search>Browse C: drive>Program Files>Solinst/ Levelogger® 3.0>USB Drivers>winxp>click OK.

If an error code appears [-200 Communication Time Out! Check COM Port], the correct USB port needs to be configured.

a. Go through System Configuration:

Start>right-click My Computer>Properties>Hardware>Device Manager>Ports (COM &LPT).

(2) If USB Port is listed under the Ports (COM &LPT) folder, choose USB port number in COM Port Selection drop down menu in Levelogger® software startup page.

(3) If USB Port is not listed under the Ports (COM &LPT) folder, unplug the USB cable and re-plug. The new hardware wizard should appear.

(4) Once the Levelogger® is synced to the computer in use, the settings may be changed to make them project specific. The project ID, location, and site's altitude (previously researched) should be entered.

(5) At this point the data logging mode needs to be set by choosing either [Slate Logging Mode] or [Continuous Logging Mode].

i. Slate Logging Mode – collects data for 30 days straight and will stop recording data when the memory is full (preferred).

ii. Continuous Logging Mode – collects data for as long as the Barologger® is allowed to run; once the memory is full, the records will begin to write over the original files.

(6) Synchronize the time of the Barologger® to real-time on using the drop-down menu on the right side of the screen by choosing either [System Time] or [to].

i. System time – synchronizes to computer time in use (preferred).

ii. To – synchronizes to a pre-set time in the future.

(7) It is preferable to sync the OmniGuard™ 4 and Barologger® log times for ease of data analysis.

(8) Once the settings are chosen, select [Program Settings from Levelogger®] to connect the PC settings with the Barologger®.

(9) Select [Start the Levelogger®] green arrow on the top of the screen.

i. Note: The barometric pressure readings will be collected in feet or meters and will then need to be converted to inches (inches of water column) for data analysis.

(10) The Barologger® can now be disconnected from the USB cable and set inside or next to the Omniguard™ 4 data recorder box.

7.5.2. After pressure monitoring is complete, download the differential pressure log and the indoor barometric pressure log to a personal computer for data reduction. See section 6.5.2.1 for quick download notes. Data reduction is discussed below.

7.5.2.1. Omniguard™ 4 data download:

i. Connect the Omniguard™ 4 unit to the PC with the USB cable.

ii. Select [Receive Current Job Log] or [Receive All Job Logs] under [Job Logs] in the Omniguard™ 4 menu.

iii. When uploading is complete, the log will be displayed in the box on the left side of the window. If the data appear to be valid, reports will be generated and the first one will be displayed in the right side of the window.

iv. Select the [Save Current Report] as a .txt file. This file can be opened in Notepad program and then copied into Excel for data manipulation.

7.5.2.2. Barologger® data download:

v. Connect the Barologger® to the PC with the USB cable.

vi. Select [Stop the Levelogger®] red arrow.

vii. Select the [Date Control] tab and select the red arrow [Download Data from Levelogger®].

viii. The log will appear in the left side of the screen and a tabular and graphical view of the data will appear in the right side of the screen.

ix. Select [Save As] (floppy disk icon) to save the data as a .lev file. This file can be opened in Excel for data manipulation.

7.6. At a minimum, the following data should be collected:

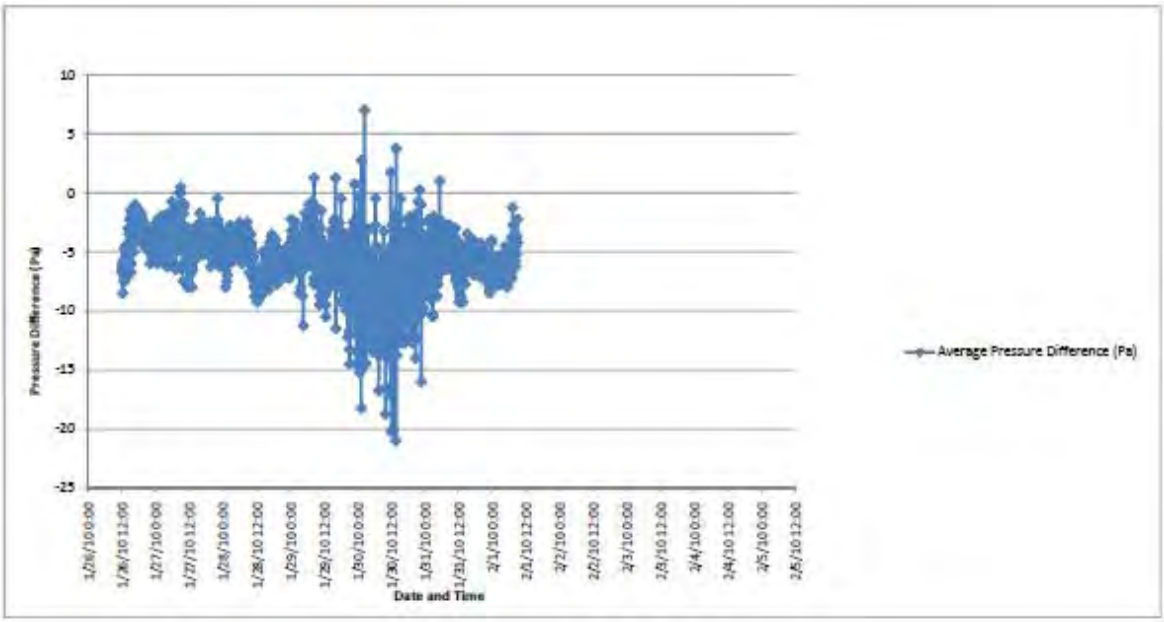
Operator Name
Equipment Used
Date
Time
Maximum Differential Pressure (Pa)
Note: May be reported in mm Water Column (WC) or inches WC. PA = inches WC*0.036*6895
Minimum Differential Pressure (Pa)
Barometric Press Level (in) (optional, recommended)
Temperature (Deg C) (optional, recommended)

(*Optional*). Due to cost and schedule constraints, long-term differential pressure monitoring generally can be completed only at a limited number of locations (typically, one location). If there is a concern about spatial variation in pressure measurements in large buildings, and if multiple subslab probes have been installed, "snapshot" pressure measurements can be made at these locations using a hand-held digital micromanometer. The date, time, and location of these measurements should be recorded on a data form or field notebook, for comparison with the integrated differential pressure measurements. See the *Standard Operating Procedure for Conducting Building Surveys for Vapor Intrusion Evaluation* for additional information on using the hand-held digital micromanometer.

8. Data Reduction and Evaluation

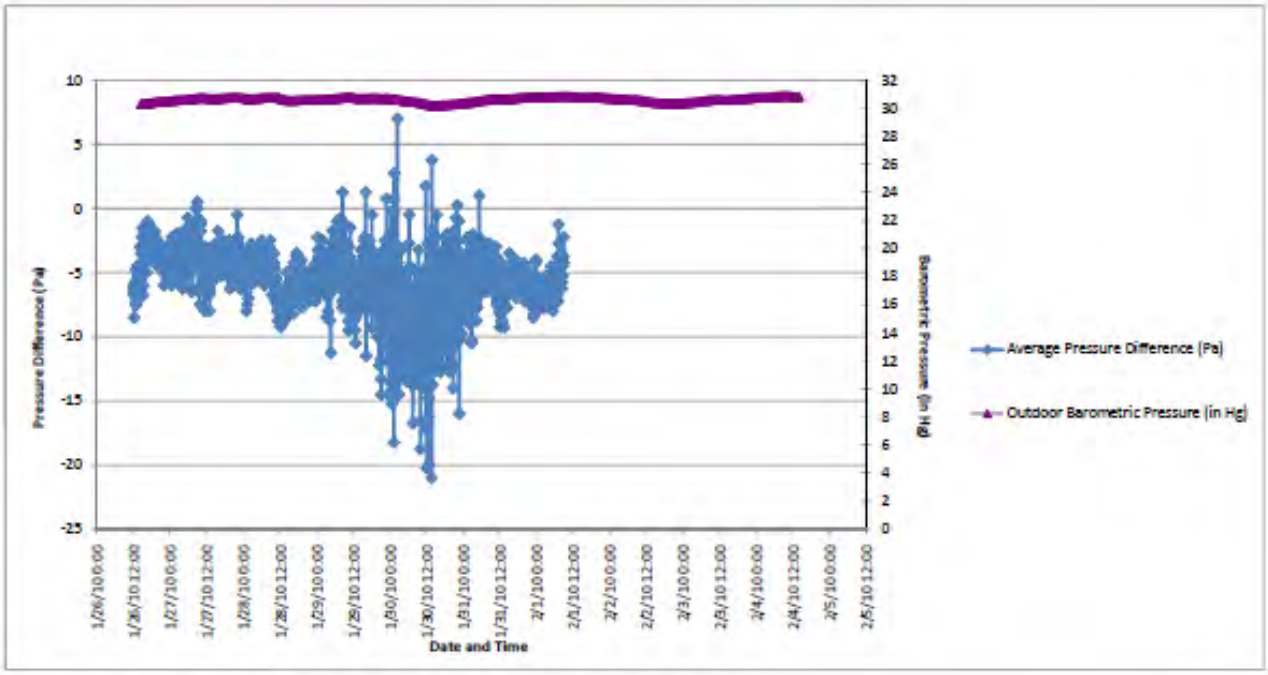
8.1. Differential pressure measurements and barometric pressure measurements should be exported to Microsoft Excel or similar software application for generating tables and plots.

8.2. Minimum and maximum pressure measurements averaged at each time stamp should be plotted against time. An example of a data plot is presented below:



8.3. In addition, the individual measurements can be averaged over a specified time period (for example, a 9-hour work shift) to estimate a longer-period average pressure difference. The longer-term average value can then be used to determine if, overall, a building is positively pressurized (hence vapor resistant) or negatively pressurized (hence prone to vapor intrusion). These measurements can then be used to identify "worst-case" time periods for collecting indoor air samples. It may be useful to collect subslab samples for analysis of volatile organic compounds under rising or falling pressure conditions, in order to better understand spatial and temporal variability in subslab concentrations.

8.4. The plot of pressure differences also can be overlain on barometric pressure measurements as shown below, to observe the effects of atmospheric conditions on potential vapor intrusion pathways:



9. Quality Control

Follow operating procedures in the instruction manuals when using the required materials and equipment.

Ensure there is a tight seal between the Teflon® tubing and the flexible tubing.

Periodically check on long-term pressure measurement equipment (i.e., Omniguard™ 4) to ensure that the unit's power has not been interrupted or that the unit has not been tampered with.

10. References

Interstate Technology Regulatory Council (ITRC). 2007. *Vapor Intrusion Pathway: A Practical Guideline*. VI-1. Washington, D.C. ITRC Vapor Intrusion Team. January. www.itrcweb.org.

U.S. Environmental Protection Agency (EPA). 2002. *OSWER Guidance fir Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance).* November.

Attachment 2
FHHRA Risk Maps

ATTACHMENT 2

FHHRA Risk Maps

Contents

Electronic Files

Figure 5-1A Screening Level Cumulative Cancer Risks for Soil Gas to Industrial Indoor Air Based on Detected Chemicals (All Sampling Depths)

Figure 5-1B Screening Level Cumulative Cancer Risks for Soil Gas to Industrial Indoor Air Based on Detected Chemicals (All Sampling Depths)

Figure 5-2 Screening Level Cumulative Cancer Risks for Groundwater to Industrial Indoor Air

Figure 5-3 Screening Level Non-Cancer Hazard Index Estimates for Groundwater to Industrial Indoor Air

Figure 6-1A Sensitivity Analysis: Cancer Risk Calculations for Soil Gas to Industrial Indoor Air Based on the Reporting Limits of Non-Detect Results

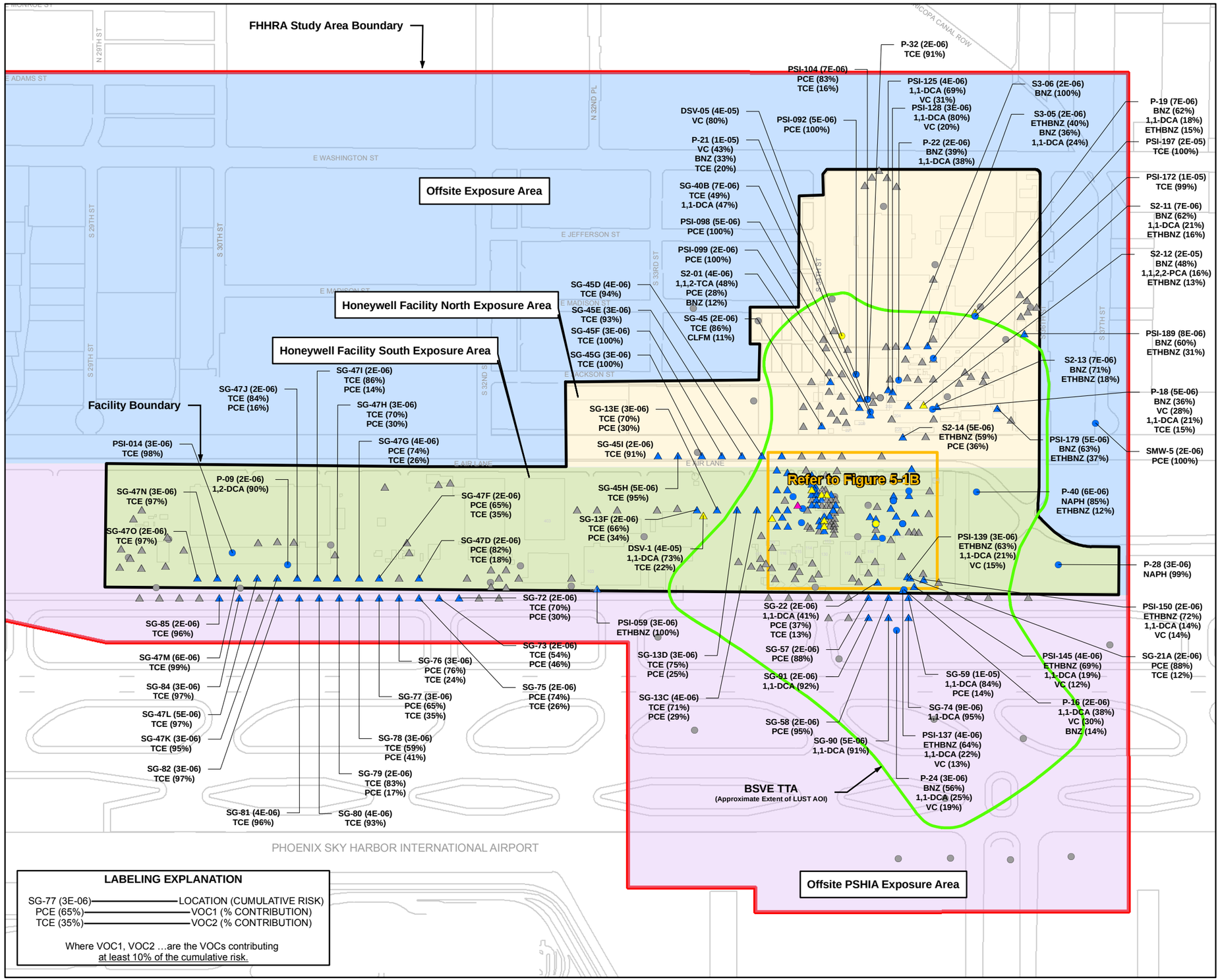
Figure 6-1B Sensitivity Analysis: Cancer Risk Calculations for Soil Gas to Industrial Indoor Air based on the Reporting Limits of Non-Detect Results

Figure 6-1C Sensitivity Analysis: Cancer Risk Calculations for Soil Gas to Industrial Indoor Air based on the Reporting Limits of Non-Detect Results

Figure 6-1D Sensitivity Analysis: Cancer Risk Calculations for Soil Gas to Industrial Indoor Air based on the Reporting Limits of Non-Detect Results

Figure 6-1E Sensitivity Analysis: Cancer Risk Calculations for Soil Gas to Industrial Indoor Air based on the Reporting Limits of Non-Detect Results

Figure 6-1F Sensitivity Analysis: Cancer Risk Calculations for Soil Gas to Industrial Indoor Air based on the Reporting Limits of Non-Detect Results



LEGEND

Results for Locations with TO-15 Analysis

- ELCR ≤ 1E-06
- ELCR > 1E-06 to ≤ 1E-05
- ELCR > 1E-05 to ≤ 1E-04

Results for Locations without TO-15 Analysis

- ELCR ≤ 1E-06
- ECLR > 1E-06 to ≤ 1E-05
- ECLR >1E-05 to ≤ 1E-04
- ECLR > 1E-04

- BSVE Target Treatment Area (TTA)
- Honeywell 34th Street Facility
- Honeywell Facility North Exposure Area
- Honeywell Facility South Exposure Area
- Offsite PSHIA Exposure Area
- Offsite Exposure Area
- FHHRA Study Area
- Honeywell Buildings
- Street and Airport Features

Originator: Andrew O'Malley		*Andrew O'Malley* (Signature)
Checked by:	Corey Schwabenlander	*Corey Schwabenlander* (Signature)
Approved by STC or PM:	Loren Lund	*Loren Lund* (Signature)

Notes:

1. Refer to Figure Index for abbreviation/acronym definitions.
2. The screening level results presented on this figure were based on:
   a. Chemicals detected in soil gas samples collected from all sampling depths between 1/01/94 and 9/30/08, *excluding* samples from soil vapor wells with screens intersecting the water table and data collected during the BSVE pilot test (2/27/06 - 4/18/06); and
   b. The soil gas to indoor air risk-based screening levels for an industrial exposure scenario are presented in Appendix G-5.
3. No location had a non-cancer hazard index greater than one.

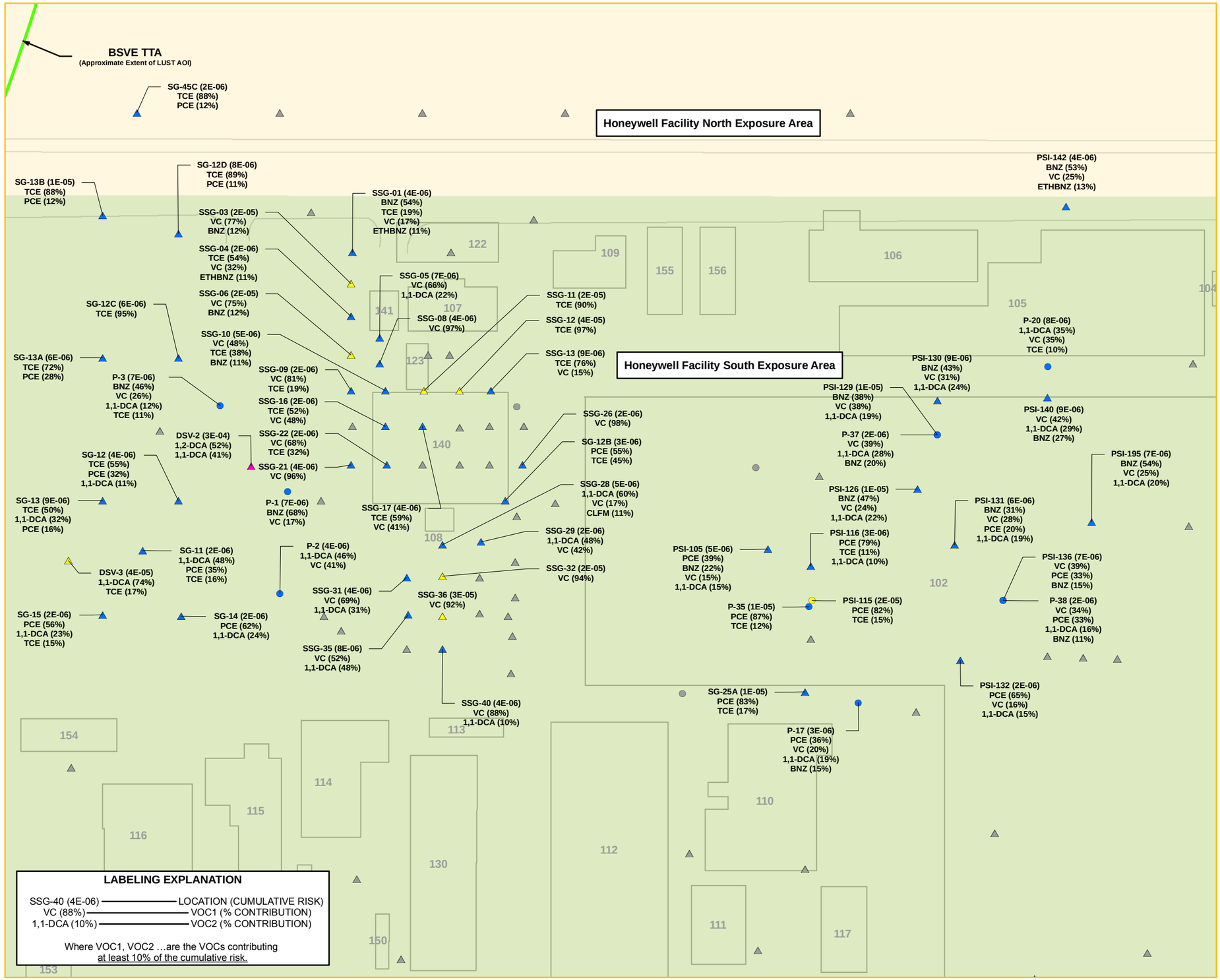
N

0 250 500 750 1,000
Feet

1"=500'

FIGURE 5-1A
SCREENING LEVEL CUMULATIVE CANCER RISKS FOR SOIL GAS TO INDUSTRIAL INDOOR AIR BASED ON DETECTED CHEMICALS (ALL SAMPLING DEPTHS)

Honeywell 34th Street Facility
Phoenix, Arizona



LEGEND

Results for Locations with TO-15 Analysis

- ELCR ≤ 1E-06
- ELCR > 1E-06 to ≤ 1E-05
- ELCR > 1E-05 to ≤ 1E-04

Results for Locations without TO-15 Analysis

- ELCR ≤ 1E-06
- ECLR > 1E-06 to ≤ 1E-05
- ECLR >1E-05 to ≤ 1E-04
- ECLR > 1E-04

- BSVE Target Treatment Area (TTA)
- Honeywell Facility North Exposure Area
- Honeywell Facility South Exposure Area
- FHHRA Study Area
- Honeywell Buildings
- Street and Airport Features

Originator:	Andrew O'Malley	Andrew O'Malley (Signature)
Checked by:	Corey Schwabenlander	Corey Schwabenlander (Signature)
Approved by STC:	Loren Lund	Loren Lund (Signature)

Notes:

1. Refer to Figure Index for abbreviation/acronym definitions.
2. The screening level results presented on this figure were based on:
   a. Chemicals detected in soil gas samples collected from all sampling depths between 1/01/94 and 9/30/08, *excluding* samples from soil vapor wells with screens intersecting the water table and data collected during the BSVE pilot test (2/27/06 - 4/18/06); and
   b. The soil gas to indoor air risk-based screening levels for an industrial exposure scenario are presented in Appendix G-5.
3. No location had a non-cancer hazard index greater than one.

N

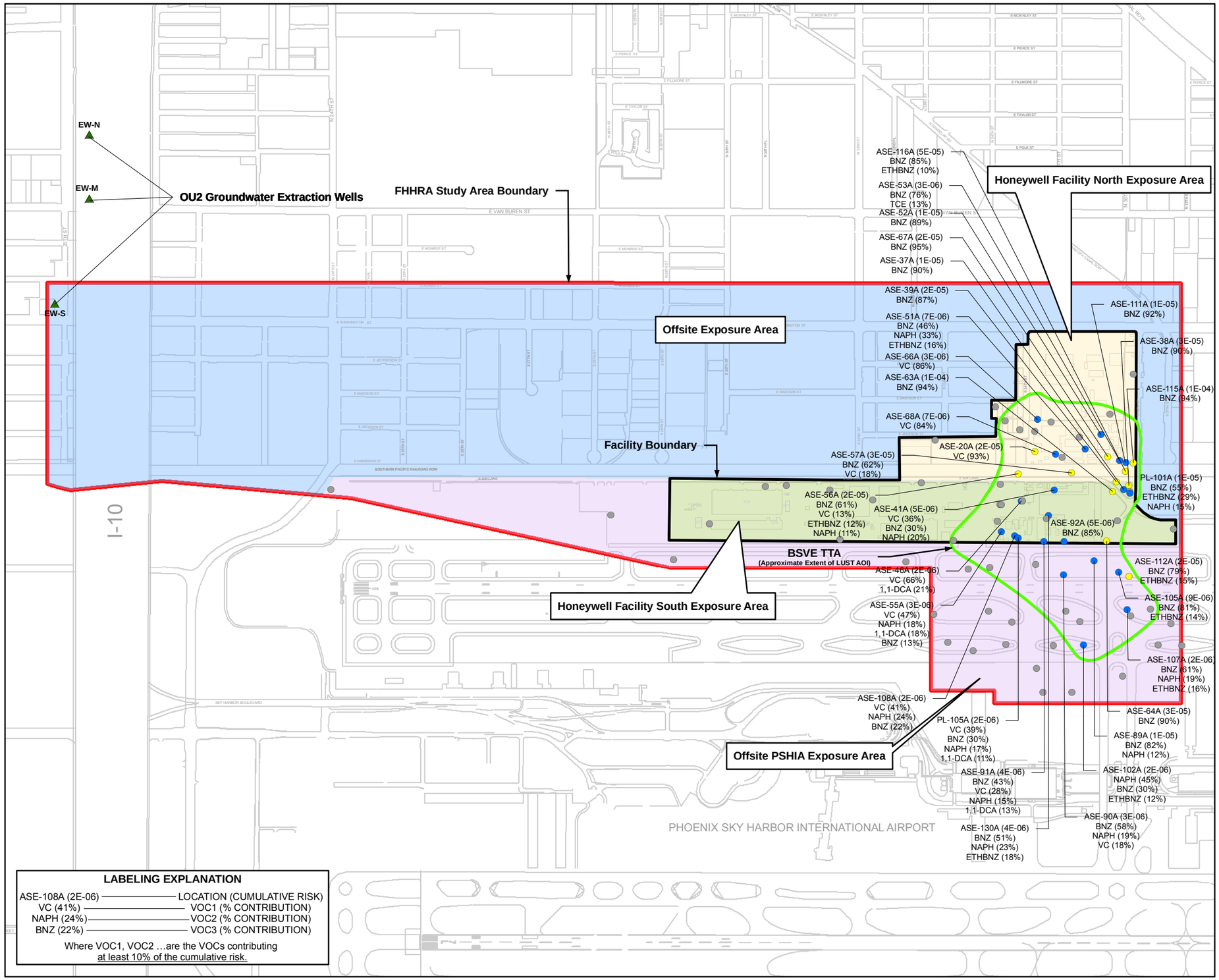
0 35 70 105 140

Feet

1"=70'

FIGURE 5-1B (FIGURE 5-1A INSET) SCREENING LEVEL CUMULATIVE CANCER RISKS FOR SOIL GAS TO INDUSTRIAL INDOOR AIR BASED ON DETECTED CHEMICALS (ALL SAMPLING DEPTHS)

Honeywell 34th Street Facility
Phoenix, Arizona



LEGEND

- ELCR ≤ 1E-06
- ELCR > 1E-06 to ≤ 1E-05
- ELCR > 1E-05 to ≤ 1E-04
- OU2 Groundwater Extraction Wells
- BSVE Target Treatment Area (TTA)
- Honeywell 34th Street Facility
- Honeywell Facility North Exposure Area
- Honeywell Facility South Exposure Area
- Offsite PSHIA Exposure Area
- Offsite Exposure Area
- FHHRA Study Area
- 404 Honeywell Buildings
- Street and Airport Features

Originator: Andrew O'Malley		*Andrew O'Malley* (Signature)
Checked by:	Corey Schwabenlander	*Corey Schwabenlander* (Signature)
Approved by STC or PM:	Loren Lund	*Loren Lund* (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.
2. The screening level results presented on this figure were based on:
   a. The maximum concentrations from groundwater samples collected near the water table between 1/01/05 and 9/10/08; and
   b. The groundwater to indoor air risk-based screening levels for an industrial worker exposure scenario are presented in Appendix G-5.

N

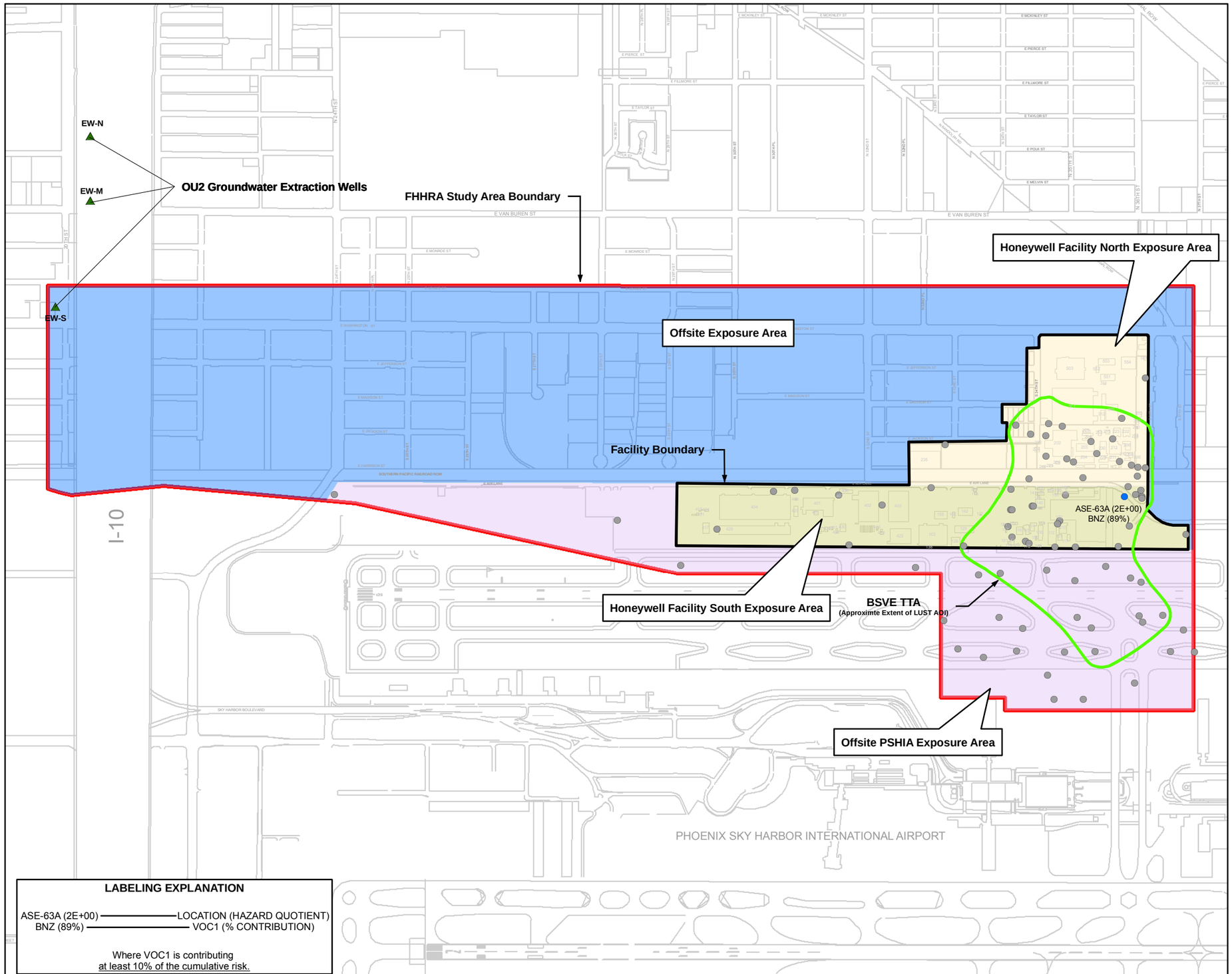
0 500 1,000 1,500 2,000
Feet
1"=1,000'

FIGURE 5-2
SCREENING LEVEL CUMULATIVE CANCER RISKS FOR GROUNDWATER TO INDUSTRIAL INDOOR AIR

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\GALT\PROJ\407559HONEYWELL34THST\MAPFILES\2011\FHHRA\FIGURE5-2.MXD AOMALLEY 3/9/2011 16:37:57



LEGEND

- Hazard Quotient ≤ 1
- Hazard Quotient > 1 to ≤ 10
- OU2 Groundwater Extraction Wells
- BSVE Target Treatment Area (TTA)
- Honeywell 34th Street Facility
- Honeywell Facility North Exposure Area
- Honeywell Facility South Exposure Area
- Offsite PSHIA Exposure Area
- Offsite Exposure Area
- FHHRA Study Area
- Honeywell Buildings
- Street and Airport Features

Originator: Andrew O'Malley		*Andrew O'Malley* (Signature)
Checked by:	Corey Schwabenlander	*Corey Schwabenlander* (Signature)
Approved by STC:	Loren Lund	*Loren Lund* (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.
2. The screening level results presented on this figure were based on:
   a. The maximum concentrations from groundwater samples collected near the water table between 1/01/05 and 9/10/08; and
   b. The groundwater to indoor air risk-based screening levels for an industrial worker exposure scenario are presented in Appendix G-5.

N

0 500 1,000 1,500 2,000
Feet

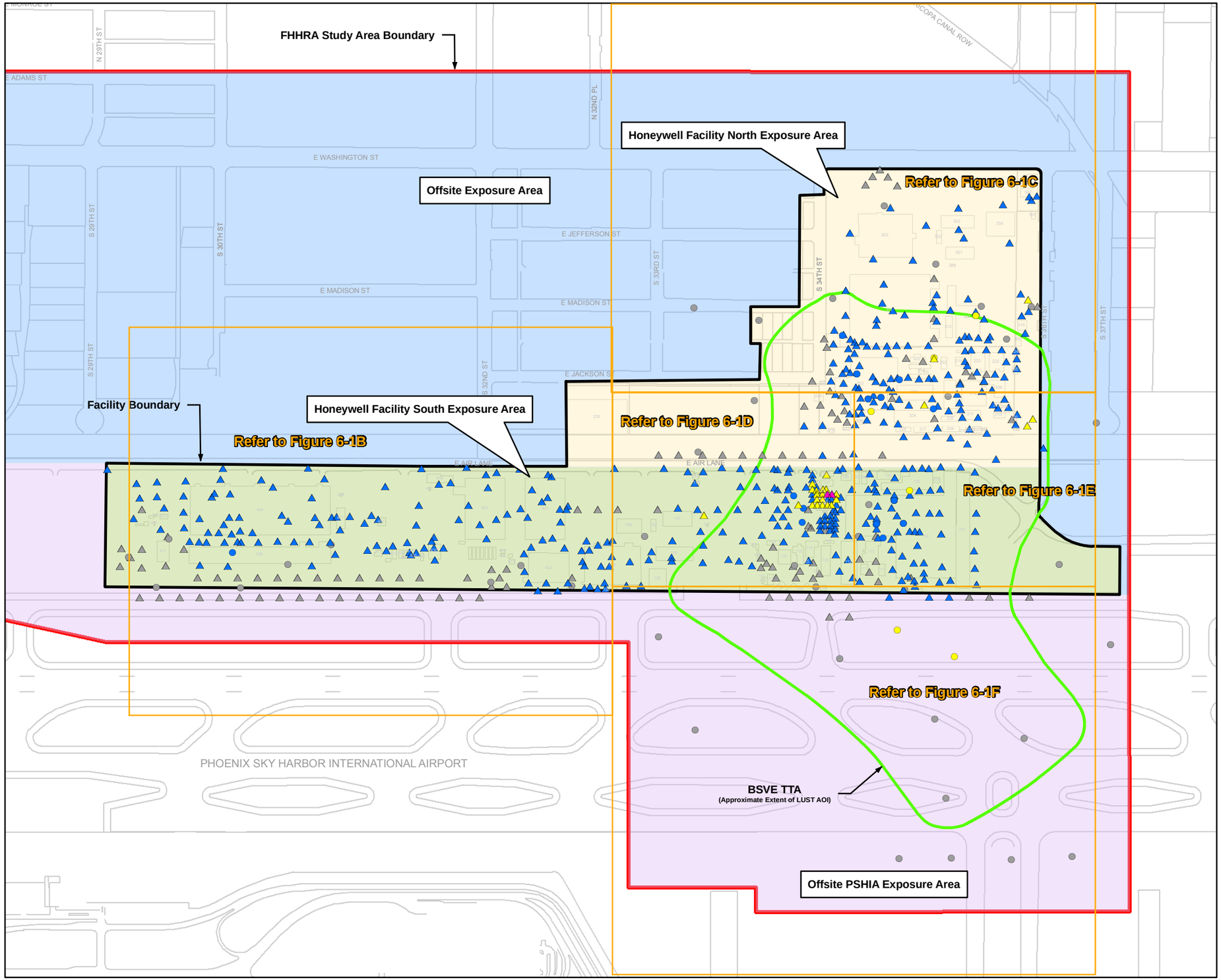
1"=1,000'

FIGURE 5-3
SCREENING LEVEL NON-CANCER HAZARD INDEX ESTIMATES FOR GROUNDWATER TO INDUSTRIAL INDOOR AIR

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\GALT\PROJ\407559HONEYWELL34THST\MAPFILES\2011\FHHRA\FIGURE5-3.MXD AOMALLEY 3/9/2011 16:39:09



LEGEND

Results for Locations with TO-15 Analysis

- ELCR ≤ 1E-06
- ELCR > 1E-06 to ≤ 1E-05
- ELCR > 1E-05 to ≤ 1E-04

Results for Locations without TO-15 Analysis

- ELCR ≤ 1E-06
- ECLR > 1E-06 to ≤ 1E-05
- ECLR >1E-05 to ≤ 1E-04
- ECLR > 1E-04

- BSVE Target Treatment Area (TTA)
- Honeywell 34th Street Facility
- Honeywell Facility North Exposure Area
- Honeywell Facility South Exposure Area
- Offsite PSHIA Exposure Area
- Offsite Exposure Area
- FHHRA Study Area
- Honeywell Buildings
- Street and Airport Features

Originator: Andrew O'Malley		*Andrew O'Malley* (Signature)
Checked by:	Corey Schwabenlander	*Corey Schwabenlander* (Signature)
Approved by STC or PM:	Loren Lund	*Loren Lund* (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.
2. The screening level results presented on this figure were based on:
   a. Soil gas samples collected from all sampling depths between 1/01/94 and 9/30/08, *excluding* samples from soil vapor wells with screens intersecting the water table and data collected during the BSVE pilot test (2/27/06 - 4/18/06); and
   b. The soil gas to indoor air risk-based screening levels for an industrial exposure scenario are presented in Appendix G-5.
3. Nine locations (SG-40A, SG-40B, SG-47A, SG-57, SG-59, SG-70, SG-74, SG-90, SG-91) had zero non-detect results; therefore, these locations are not shown on this figure (they are shown on Figures 5-1A and 5-1B).

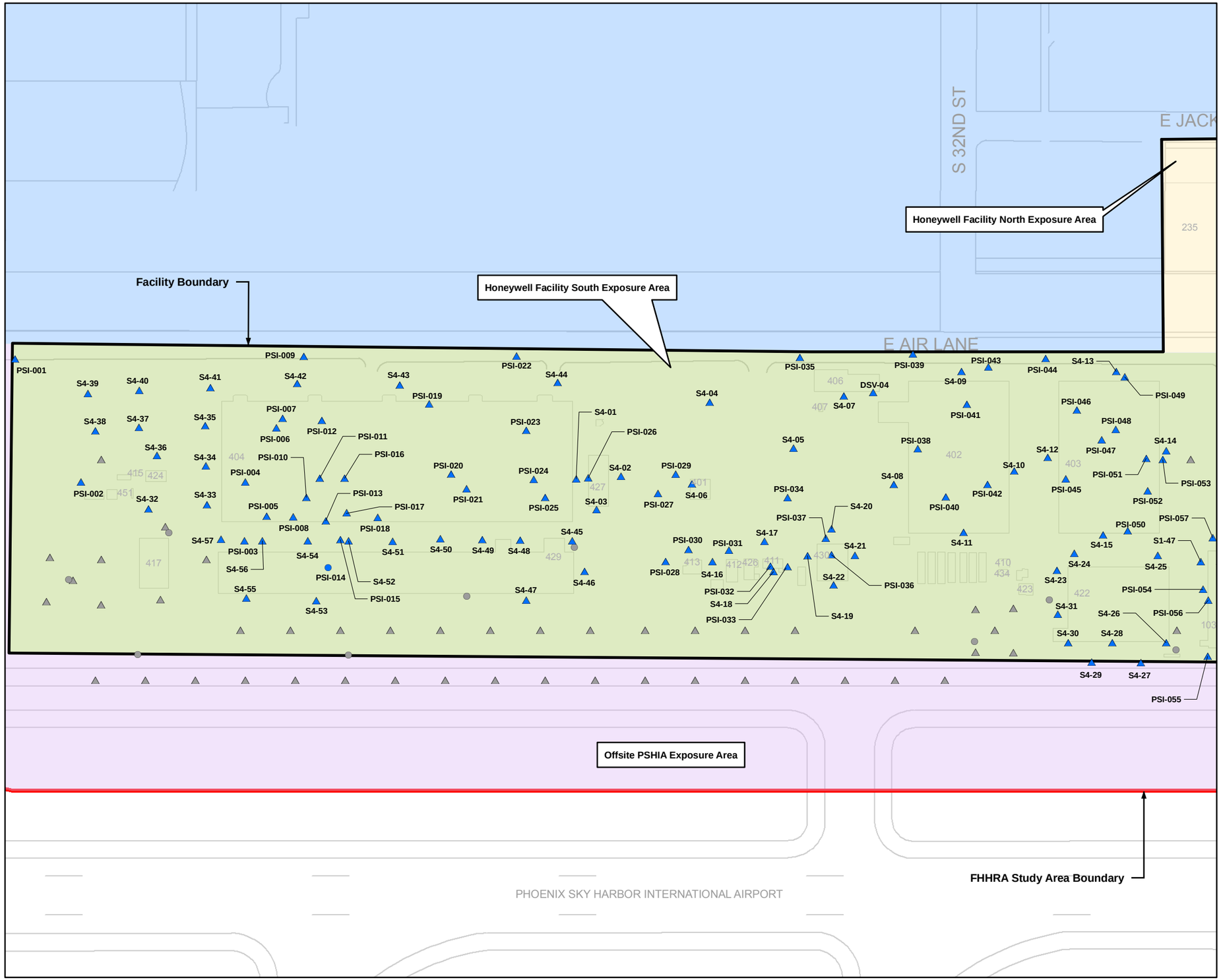
N

0 250 500 750 1,000
Feet

1"=500'

FIGURE 6-1A
SENSITIVITY ANALYSIS: CANCER RISK CALCULATIONS FOR SOIL GAS TO INDUSTRIAL INDOOR AIR BASED ON THE REPORTING LIMITS OF NON-DETECT RESULTS
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL



LEGEND

Results for Locations with TO-15 Analysis

- ELCR ≤ 1E-06
- ELCR > 1E-06 to ≤ 1E-05
- ELCR > 1E-05 to ≤ 1E-04

Results for Locations without TO-15 Analysis

- ELCR ≤ 1E-06
- ECLR > 1E-06 to ≤ 1E-05
- ECLR >1E-05 to ≤ 1E-04
- ECLR > 1E-04

- Honeywell 34th Street Facility
- Honeywell Facility North Exposure Area
- Honeywell Facility South Exposure Area
- Offsite PSHIA Exposure Area
- Offsite Exposure Area
- FHHRA Study Area
- Honeywell Buildings
- Street and Airport Features

Originator: Andrew O'Malley		Andrew O'Malley (Signature)
Checked by:	Corey Schwabenlander	Corey Schwabenlander (Signature)
Approved by STC or PM:	Loren Lund	Loren Lund (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.
2. The screening level results presented on this figure were based on:
   a. Soil gas samples collected from all sampling depths between 1/01/94 and 9/30/08, *excluding* samples from soil vapor wells with screens intersecting the water table and data collected during the BSVE pilot test (2/27/06 - 4/18/06); and
   b. The soil gas to indoor air risk-based screening levels for an industrial exposure scenario are presented in Appendix G-5.

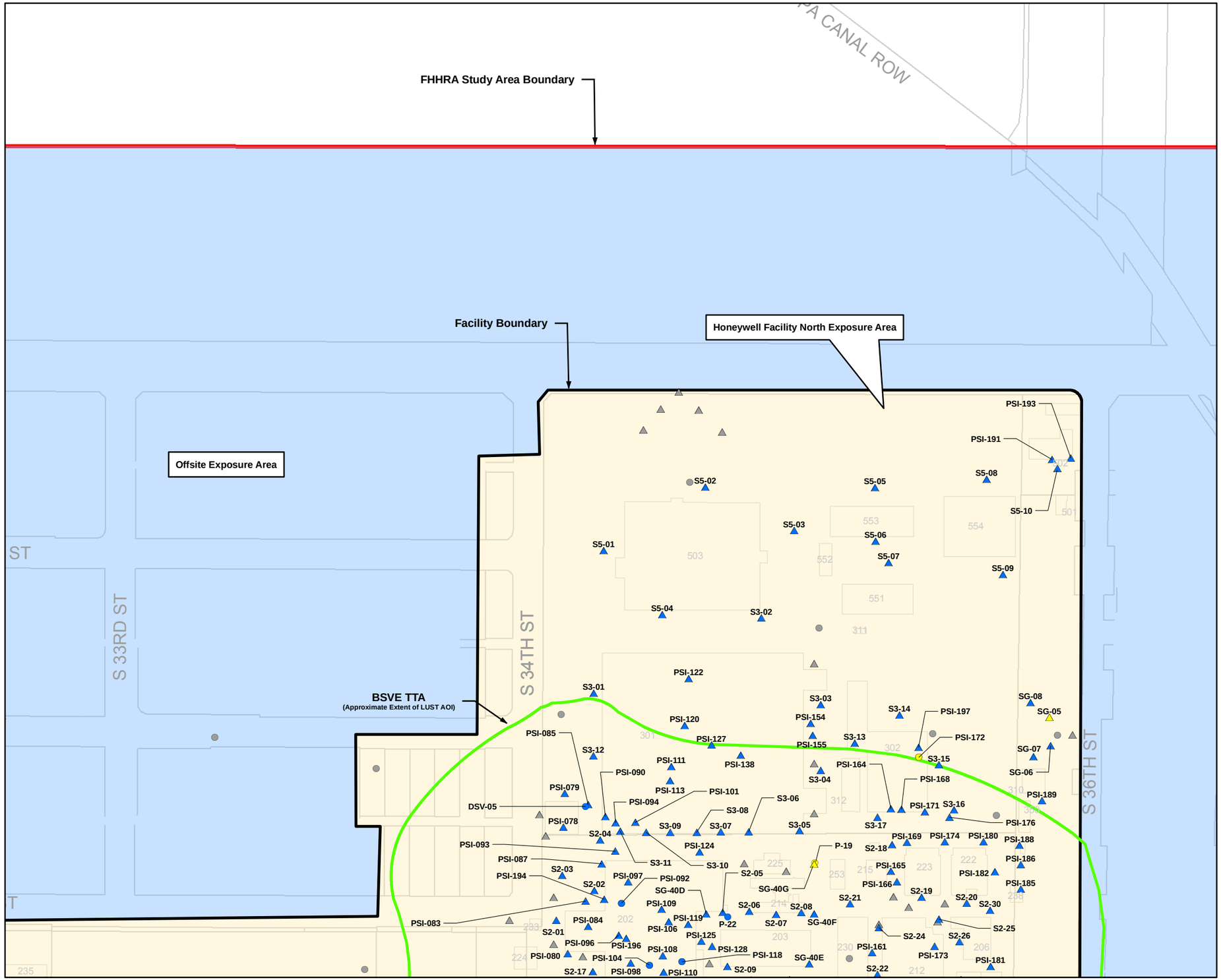
N

0 100 200 300 400
Feet

1"=200'

FIGURE 6-1B (FIGURE 6-1A INSET)
SENSITIVITY ANALYSIS: CANCER RISK CALCULATIONS FOR SOIL GAS TO INDUSTRIAL INDOOR AIR BASED ON THE REPORTING LIMITS OF NON-DETECT RESULTS

Honeywell 34th Street Facility
Phoenix, Arizona



LEGEND

Results for Locations with TO-15 Analysis

- ELCR ≤ 1E-06
- ELCR > 1E-06 to ≤ 1E-05
- ELCR > 1E-05 to ≤ 1E-04

Results for Locations without TO-15 Analysis

- ELCR ≤ 1E-06
- ECLR > 1E-06 to ≤ 1E-05
- ECLR >1E-05 to ≤ 1E-04
- ECLR > 1E-04

- BSVE Target Treatment Area (TTA)
- Honeywell 34th Street Facility
- Honeywell Facility North Exposure Area
- Offsite Exposure Area
- FHHRA Study Area
- Honeywell Buildings
- Street and Airport Features

Originator: Andrew O'Malley		Andrew O'Malley (Signature)
Checked by:	Corey Schwabenlander	Corey Schwabenlander (Signature)
Approved by STC or PM:	Loren Lund	Loren Lund (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.
2. The screening level results presented on this figure were based on:
   a. Soil gas samples collected from all sampling depths between 1/01/94 and 9/30/08, *excluding* samples from soil vapor wells with screens intersecting the water table and data collected during the BSVE pilot test (2/27/06 - 4/18/06); and
   b. The soil gas to indoor air risk-based screening levels for an industrial exposure scenario are presented in Appendix G-5.

N

0 100 200 300 400
Feet

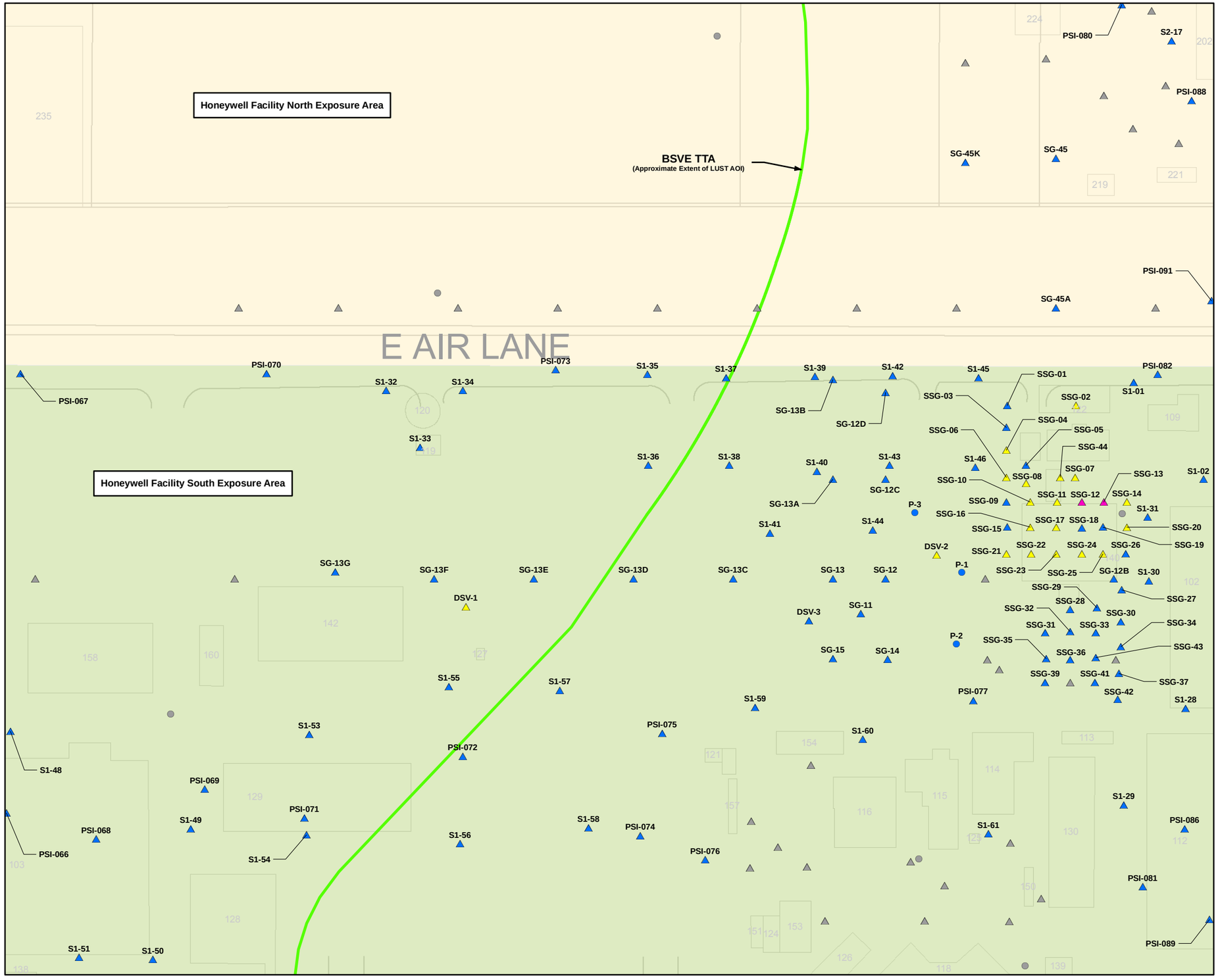
1"=200'

FIGURE 6-1C (FIGURE 6-1A INSET)
SENSITIVITY ANALYSIS: CANCER RISK CALCULATIONS FOR SOIL GAS TO INDUSTRIAL INDOOR AIR BASED ON THE REPORTING LIMITS OF NON-DETECT RESULTS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\GALT\PROJ\407559HONEYWELL34THST\MAPFILES\2011\FHHRA\FIGURE6-1C.MXD AOMALLEY 3/9/2011 16:42:28



LEGEND

Results for Locations with TO-15 Analysis

- ELCR ≤ 1E-06
- ELCR > 1E-06 to ≤ 1E-05
- ELCR > 1E-05 to ≤ 1E-04

Results for Locations without TO-15 Analysis

- ELCR ≤ 1E-06
- ECLR > 1E-06 to ≤ 1E-05
- ECLR >1E-05 to ≤ 1E-04
- ECLR > 1E-04
- BSVE Target Treatment Area (TTA)
- Honeywell Facility North Exposure Area
- Honeywell Facility South Exposure Area
- Honeywell Buildings
- Street and Airport Features

Originator: Andrew O'Malley		*Andrew O'Malley* (Signature)
Checked by:	Corey Schwabenlander	*Corey Schwabenlander* (Signature)
Approved by STC or PM:	Loren Lund	*Loren Lund* (Signature)

Notes:

1. Refer to Figure Index for abbreviation/acronym definitions.
2. The screening level results presented on this figure were based on:
   a. Soil gas samples collected from all sampling depths between 1/01/94 and 9/30/08, *excluding* samples from soil vapor wells with screens intersecting the water table and data collected during the BSVE pilot test (2/27/06 - 4/18/06); and
   b. The soil gas to indoor air risk-based screening levels for an industrial exposure scenario are presented in Appendix G-5.

N

0 50 100 150 200

Feet

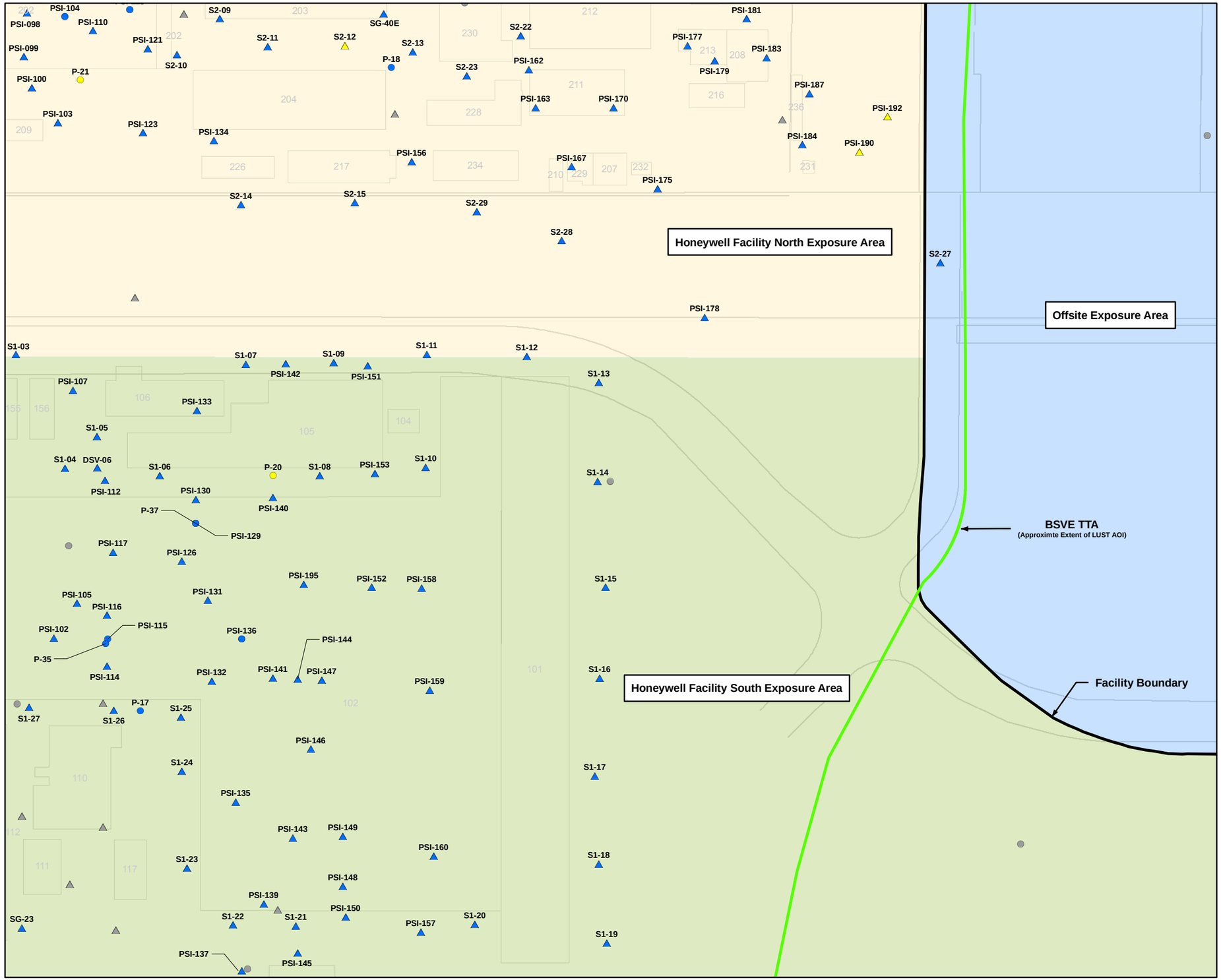
1"=100'

FIGURE 6-1D (FIGURE 6-1A INSET) SENSITIVITY ANALYSIS: CANCER RISK CALCULATIONS FOR SOIL GAS TO INDUSTRIAL INDOOR AIR BASED ON THE REPORTING LIMITS OF NON-DETECT RESULTS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\GALT\PROJ\407559HONEYWELL34THST\MAPFILES\2011\FHHRA\FIGURE6-1D.MXD AOMALLEY 3/9/2011 16:43:25



LEGEND

Results for Locations with TO-15 Analysis

- ELCR ≤ 1E-06
- ELCR > 1E-06 to ≤ 1E-05
- ELCR > 1E-05 to ≤ 1E-04

Results for Locations without TO-15 Analysis

- ELCR ≤ 1E-06
- ECLR > 1E-06 to ≤ 1E-05
- ECLR >1E-05 to ≤ 1E-04
- ECLR > 1E-04

- BSVE Target Treatment Area (TTA)
- Honeywell 34th Street Facility
- Honeywell Facility North Exposure Area
- Honeywell Facility South Exposure Area
- Offsite Exposure Area
- Honeywell Buildings
- Street and Airport Features

Originator: Andrew O'Malley		Andrew O'Malley (Signature)
Checked by:	Corey Schwabenlander	Corey Schwabenlander (Signature)
Approved by STC or PM:	Loren Lund	Loren Lund (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.
2. The screening level results presented on this figure were based on:
   a. Soil gas samples collected from all sampling depths between 1/01/94 and 9/30/08, *excluding* samples from soil vapor wells with screens intersecting the water table and data collected during the BSVE pilot test (2/27/06 - 4/18/06); and
   b. The soil gas to indoor air risk-based screening levels for an industrial exposure scenario are presented in Appendix G-5.

N

0 50 100 150 200
Feet

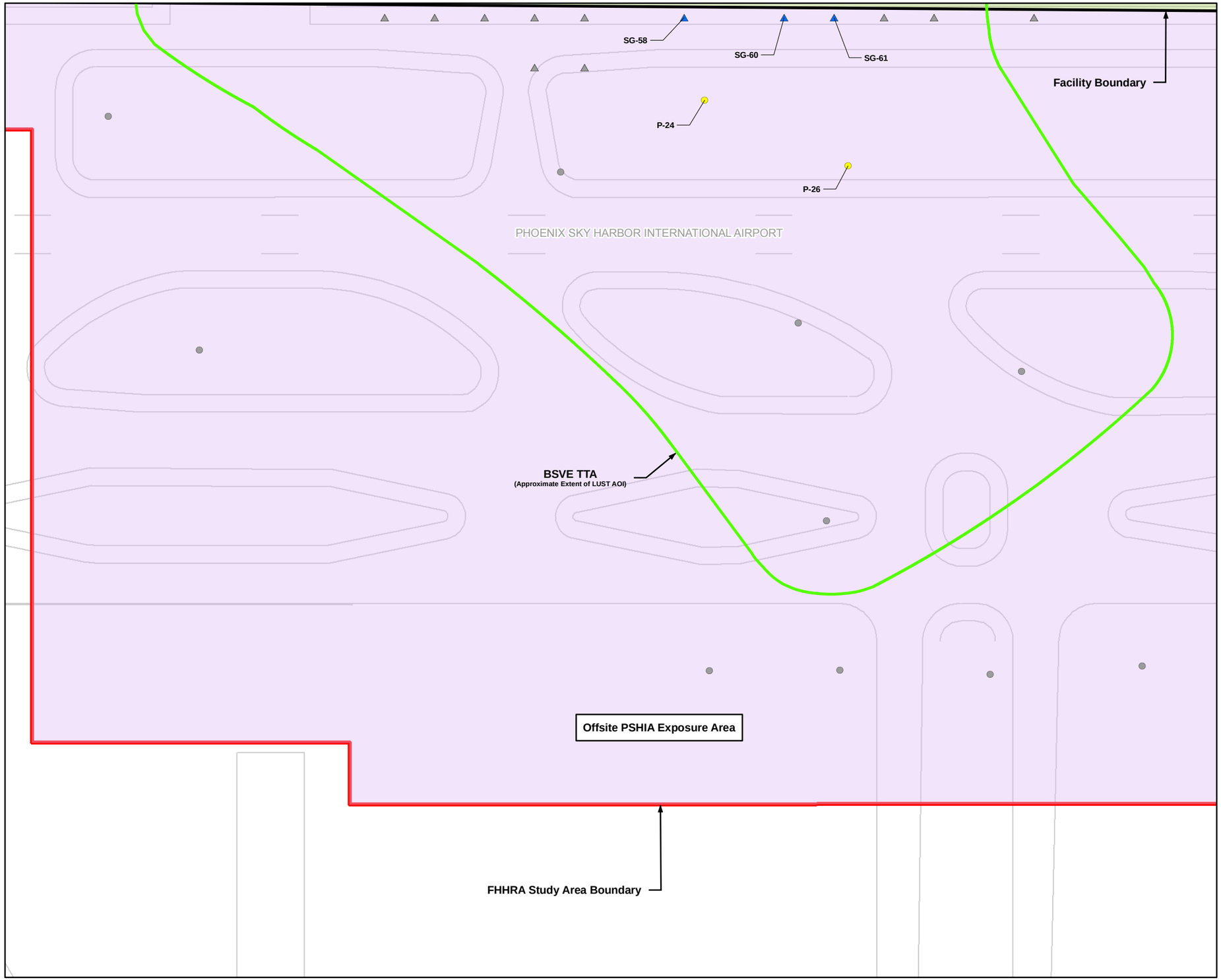
1"=100'

FIGURE 6-1E (FIGUE 6-1A INSET) SENSITIVITY ANALYSIS: CANCER RISK CALCULATIONS FOR SOIL GAS TO INDUSTRIAL INDOOR AIR BASED ON THE REPORTING LIMITS OF NON-DETECT RESULTS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\GALT\PROJ\407559HONEYWELL34THST\MAPFILES\2011\FHHRA\FIGURE6-1E.MXD AOMALLEY 3/9/2011 16:45:59



LEGEND

Results for Locations with TO-15 Analysis

- ELCR ≤ 1E-06
- ELCR > 1E-06 to ≤ 1E-05
- ELCR > 1E-05 to ≤ 1E-04

Results for Locations without TO-15 Analysis

- ELCR ≤ 1E-06
- ECLR > 1E-06 to ≤ 1E-05
- ECLR >1E-05 to ≤ 1E-04
- ECLR > 1E-04
- BSVE Target Treatment Area (TTA)
- Honeywell 34th Street Facility
- Honeywell Facility South Exposure Area
- Offsite PSHIA Exposure Area
- FHHRA Study Area
- Honeywell Buildings
- Street and Airport Features

Originator: Andrew O'Malley		*Andrew O'Malley* (Signature)
Checked by:	Corey Schwabenlander	*Corey Schwabenlander* (Signature)
Approved by STC or PM:	Loren Lund	*Loren Lund* (Signature)

Notes:
1. Refer to Figure Index for abbreviation/acronym definitions.
2. The screening level results presented on this figure were based on:
   a. Soil gas samples collected from all sampling depths between 1/01/94 and 9/30/08, *excluding* samples from soil vapor wells with screens intersecting the water table and data collected during the BSVE pilot test (2/27/06 - 4/18/06); and
   b. The soil gas to indoor air risk-based screening levels for an industrial exposure scenario are presented in Appendix G-5.

N

0 100 200 300 400
Feet

1"=200'

FIGURE 6-1F (FIGURE 6-1A INSET) SENSITIVITY ANALYSIS: CANCER RISK CALCULATIONS FOR SOIL GAS TO INDUSTRIAL INDOOR AIR BASED ON THE REPORTING LIMITS OF NON-DETECT RESULTS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

Attachment 3
Salt River Gravels Groundwater Plume Maps

ATTACHMENT 3

Salt River Gravels Groundwater Plume Maps

Contents

Electronic Files

September 2010 Annual Groundwater Monitoring Report, Honeywell 34th Street Facility, Phoenix, Arizona (CH2M HILL, 2011c)

Figure 2-1 Honeywell Monitoring Well Network

Figure 3-1 Trichloroethene (TCE) Sub-Unit A, September 2010

Figure 3-3 Cis-1,2-Dichloroethene (C12DCE) Sub-Unit A September 2010

Figure 3-5 Vinyl Chloride (VC) Sub-Unit A, September 2010

Figure 3-7 1,1-Dichloroethane (DCA) Sub-Unit A September 2010

Figure 3-9 1,1-Dichloroethene (DCE) Sub-Unit A September 2010

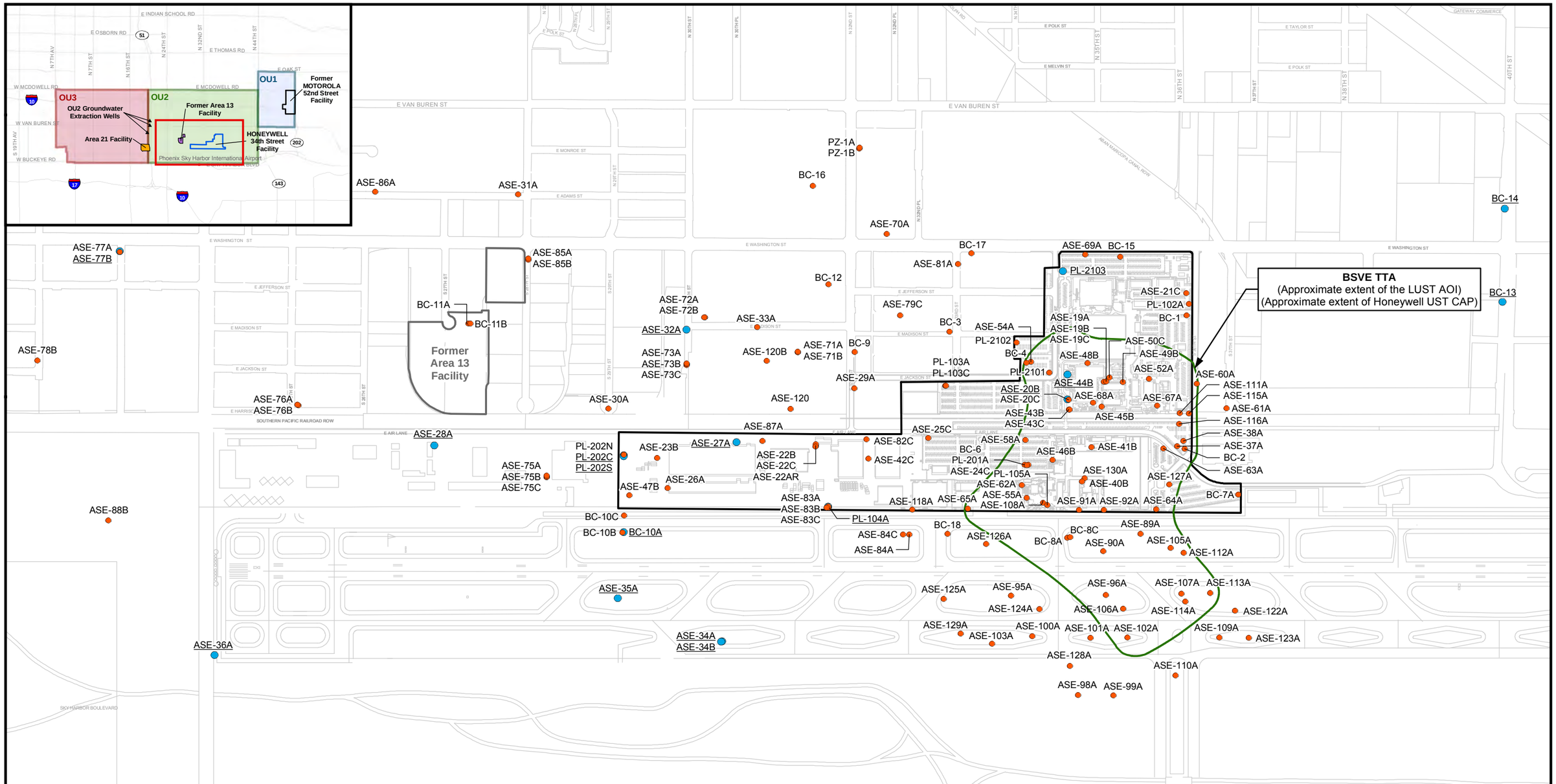
Figure 3-11 Tetrachloroethene (PCE) Sub-Unit A September 2010

March 2011 Semiannual Remediation Status Report, Honeywell 34th Street Facility, Phoenix, Arizona, Facility ID no. 0-002227, LUST File Nos. 0393.02-.10, .15-.20. June, Phoenix, Arizona (CH2M HILL, 2011d)

Figure 3-4 Benzene September 2010 Groundwater Parameters

Figure 3-5 Methyl Tert-Butyl Ether September 2010 Groundwater Parameters

Figure 3-6 Naphthalene September 2010 Groundwater Parameters



Legend

ASE-88B Honeywell Groundwater Monitoring Well Included in Water Quality Sampling and Water-level Monitoring Programs

ASE-35A Honeywell Groundwater Monitoring Well Included in Water-level Monitoring Program Only

Streets and Airport Features

Honeywell 34th Street Facility

N

0 800 1,600 Feet

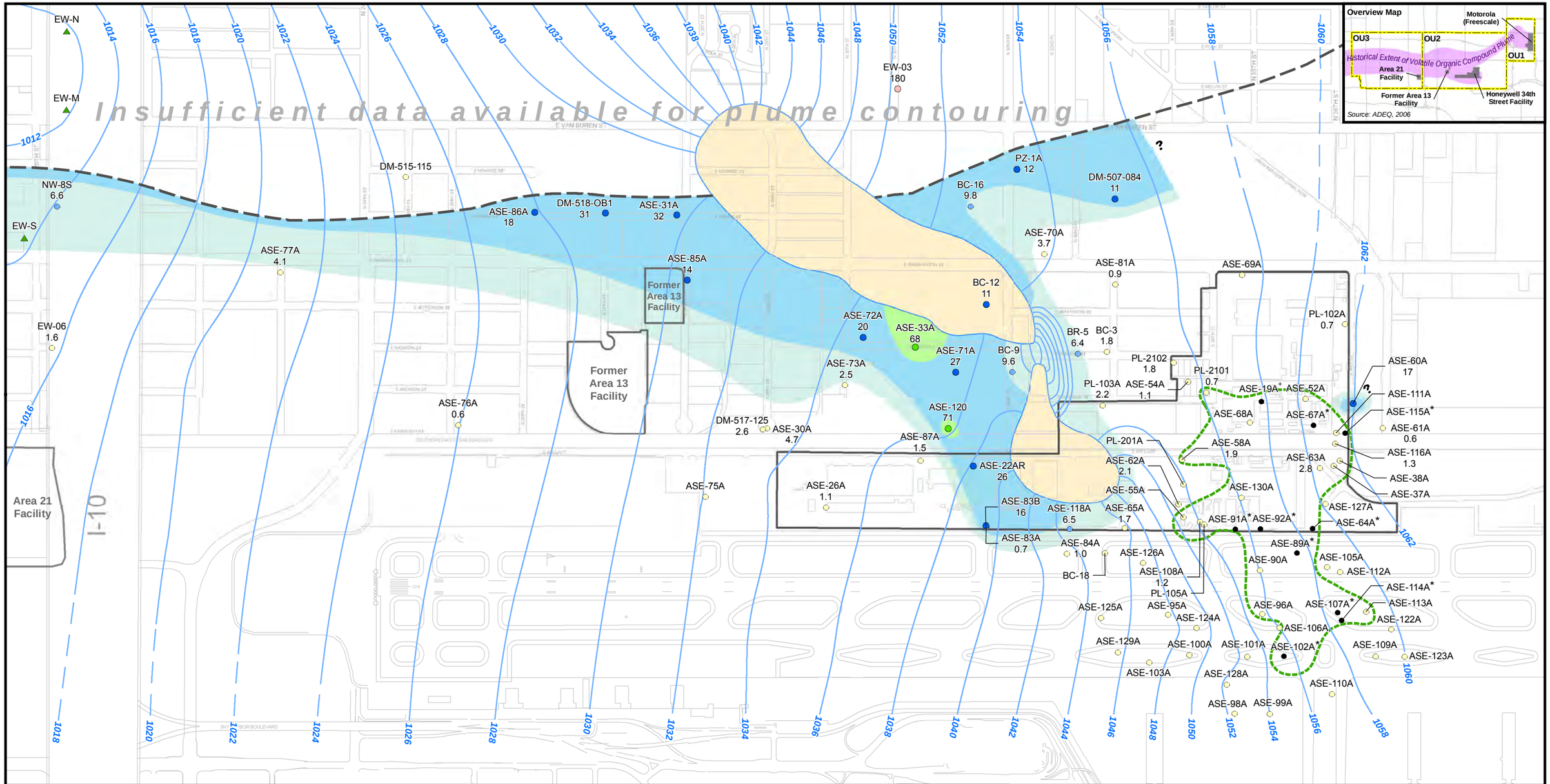
Notes:
1. Honeywell groundwater monitoring wells included in water-level monitoring program only per ADEQ's approval (ADEQ, 2010).
2. TTA = Target Treatment Area

FIGURE 2-1
Honeywell Monitoring Well Network
Honeywell 34th Street Facility
Phoenix, Arizona

Originator: Theresa Wong	Theresa Wong (signature)
Checked by: Stephanie Mayhead	Stephanie Mayhead (signature)

CH2MHILL

UNK \\MADISON\GROUPS\EMS\GIS_LIBRARY\HONEYWELL\34TH_STREET_FACILITY\REPORTS\SEMI-ANNUAL\MAPFILES\2010_ANNUAL\FIGURE2-1_HW_MW_NETWORK.MXD TWONG2 5/10/2011 15:38:57



Legend

- Operable Unit 2 Groundwater Extraction Well
- September 2010 Contours of Equal Groundwater Level Elevation, in feet above mean sea level (dashed where inferred)
- Insufficient Data Boundary
- Historical Free Product Extent (as of September 30, 2010)
- Honeywell Bedrock Rise

TCE Concentration, µg/L

- Not Sampled (see text)
- ND - 4.9
- 5.0 (MCL) - 9.9
- 10 - 49
- 50 - 99
- 100 - 499
- ≥ 500

Honeywell 34th Street Facility

TCE Plume Contours (Queried (?) where uncertain)

- 5.0 (MCL) - 9.9
- 10 - 49
- 50 - 99
- 100 - 249
- 250 - 499
- ≥ 500

Notes:

a. All concentrations in micrograms per liter (µg/L).
b. Samples collected during September 2010.
c. Only detected values are labeled with concentration.
d. Data used to prepare maps included in Appendix B.
e. * Indicates monitoring well not sampled due to presence of free product.
f. † Indicates monitoring well not sampled due to insufficient water.
g. At paired and multi-level well locations, the highest detected concentrations were used for contouring.
h. MCL = Maximum Contaminant Level.

N

0 400 800 Feet

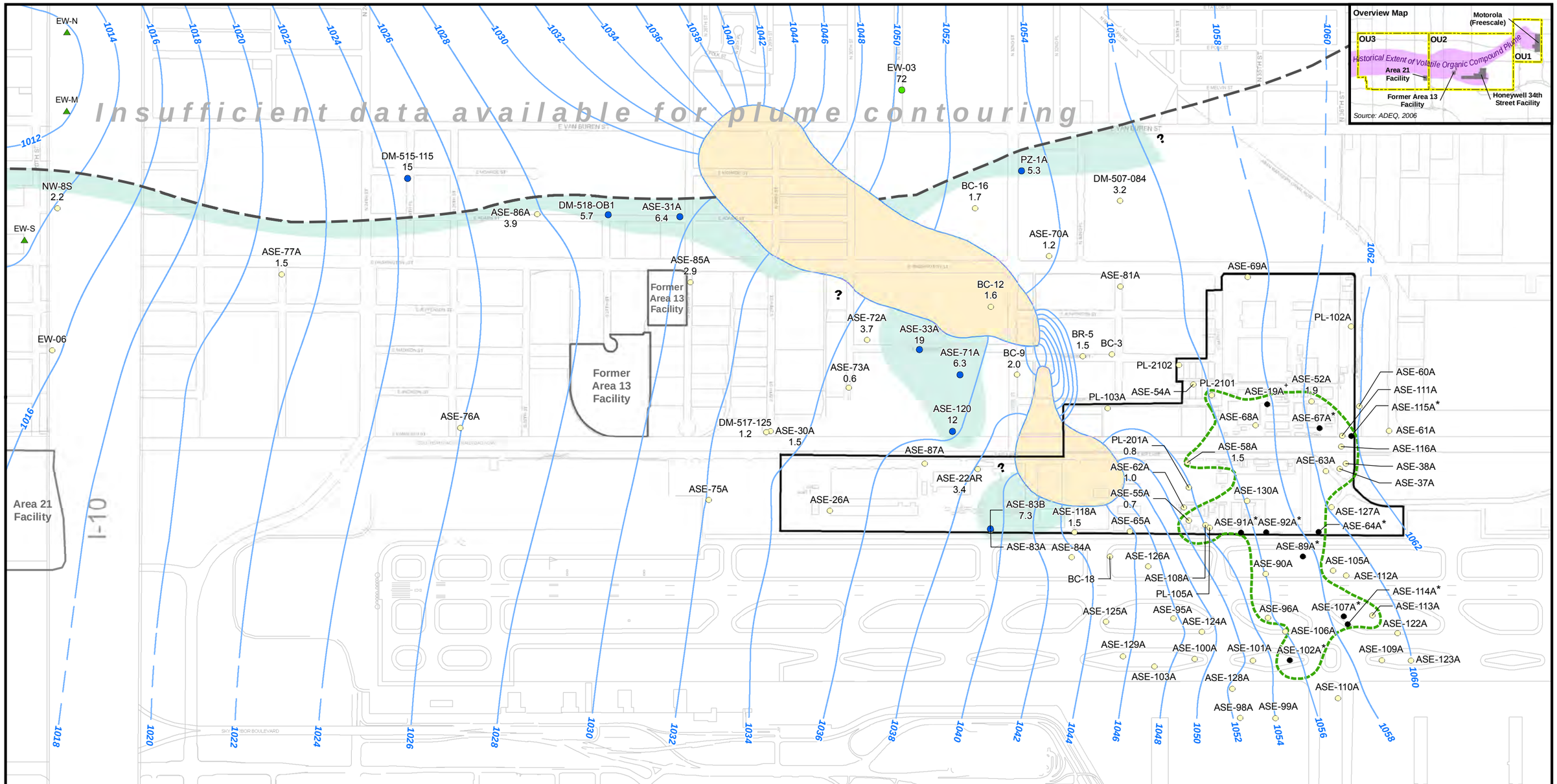
Originator: Theresa Wong	Theresa Wong (signature)
Checked by: Stephanie Mayhead	Stephanie Mayhead (signature)

FIGURE 3-1
TRICHLOROETHENE (TCE)
SUB-UNIT A
SEPTEMBER 2010

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

UNK \\MADISON\GROUPS\EMS\GIS_LIBRARY\HONEYWELL\34TH_STREET_FACILITY\REPORTS\SEMI-ANNUAL\MAPFILES\2010_ANNUAL\FIGURE3-1_WQ_SUA_TCE_SEPT2010.MXD TWONG2 6/8/2011 15:19:41



Legend

- Operable Unit 2 Groundwater Extraction Well
- September 2010 Contours of Equal Groundwater Level Elevation, in feet above mean sea level (dashed where inferred)
- Insufficient Data Boundary
- Historical Free Product Extent (as of September 30, 2010)
- Honeywell Bedrock Rise

C12DCE Concentration, µg/L

- Not Sampled (see text)
- ND - 4.9
- 5.0 - 69
- 70 (MCL) - 99
- 100 - 499
- ≥ 500
- Honeywell 34th Street Facility

C12DCE Plume Contours (Queried (?) where uncertain)

- 5.0 - 69
- 70 (MCL) - 99
- 100 - 249
- 250 - 499
- ≥ 500

Notes:

a. All concentrations in micrograms per liter (µg/L).
b. Samples collected during September 2010.
c. Only detected values are labeled with concentration.
d Data used to prepare maps included in Appendix B.
e. * Indicates monitoring well not sampled due to presence of free product.
f. + Indicates monitoring well not sampled due to insufficient water.
g. At paired and multi-level well locations, the highest detected concentrations were used for contouring.
h. MCL = Maximum Contaminant Level.

N

0 400 800 Feet

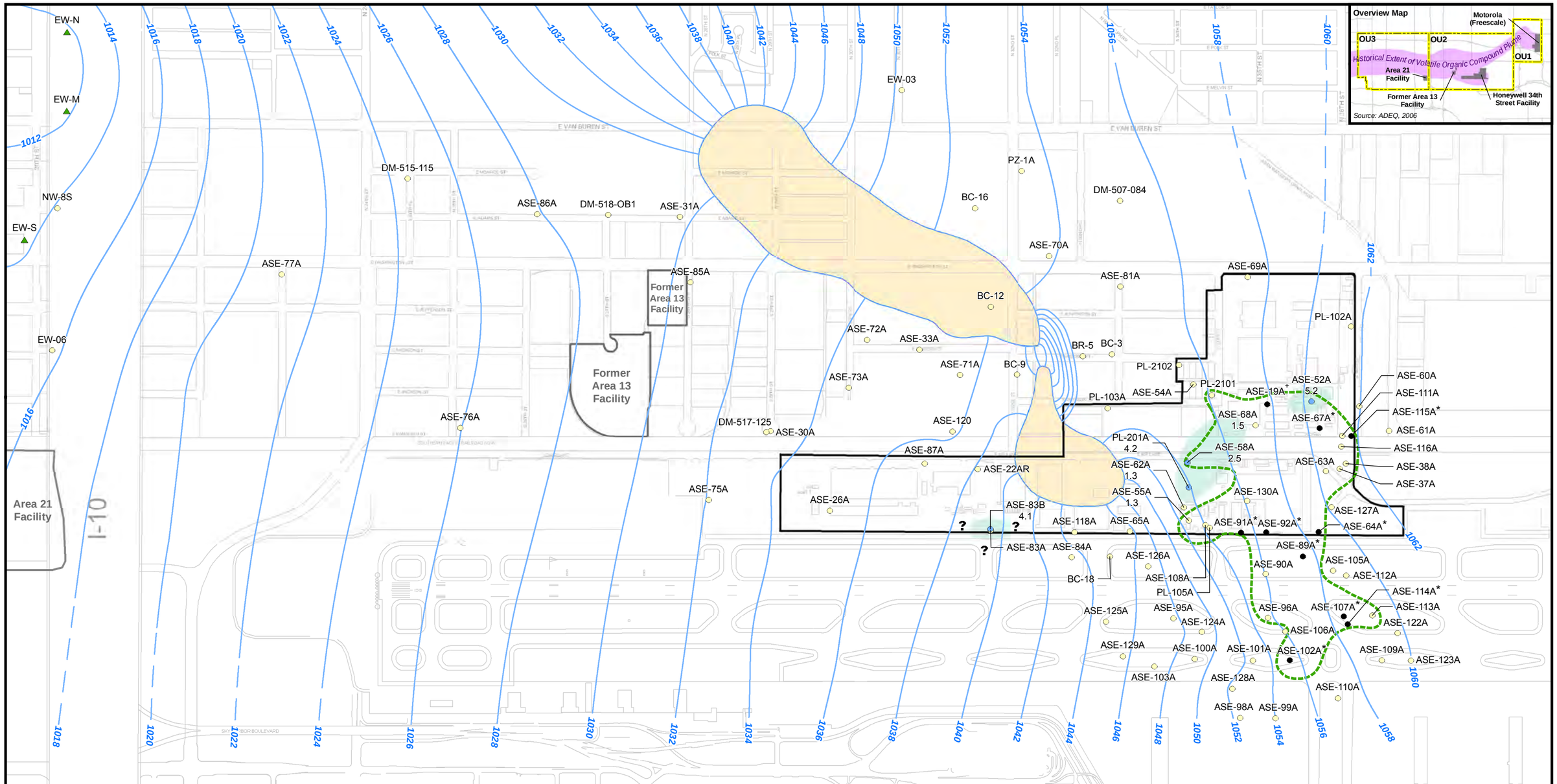
Originator: Theresa Wong	Theresa Wong (signature)
Checked by: Stephanie Mayhead	Stephanie Mayhead (signature)

FIGURE 3-3
CIS-1,2-DICHLOROETHENE (C12DCE)
SUB-UNIT A
SEPTEMBER 2010

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

UNK \\MADISON\GROUPS\EMS\GIS_LIBRARY\HONEYWELL\34TH_STREET_FACILITY\REPORTS\SEMI-ANNUAL\MAPFILES\2010_ANNUAL\FIGURE3-3_WQ_SUA_C12DCE_SEPT2010.MXD TWONG2 6/8/2011 15:20:38



Legend

- Operable Unit 2 Groundwater Extraction Well
- September 2010 Contours of Equal Groundwater Level Elevation, in feet above mean sea level (dashed where inferred)
- Historical Free Product Extent (as of September 30, 2010)
- Honeywell Bedrock Rise
- Honeywell 34th Street Facility

VC Concentration, µg/L

- Not Sampled (see text)
- ND - 1.9
- 2.0 (MCL) - 9.9
- 10 - 49
- 50 - 99
- 100 - 499
- ≥ 500

VC Plume Contours (Queried (?) where uncertain)

- 2.0 (MCL) - 9.9
- 10 - 49
- 50 - 99
- 100 - 249
- 250 - 499
- ≥ 500

Notes:

a. All concentrations in micrograms per liter (µg/L).
b. Samples collected during September 2010.
c. Only detected values are labeled with concentration.
d. Data used to prepare maps included in Appendix B.
e. * Indicates monitoring well not sampled due to presence of free product.
f. + Indicates monitoring well not sampled due to insufficient water.
g. At paired and multi-level well locations, the highest detected concentrations were used for contouring.
h. MCL = Maximum Contaminant Level.

N

0 400 800 Feet

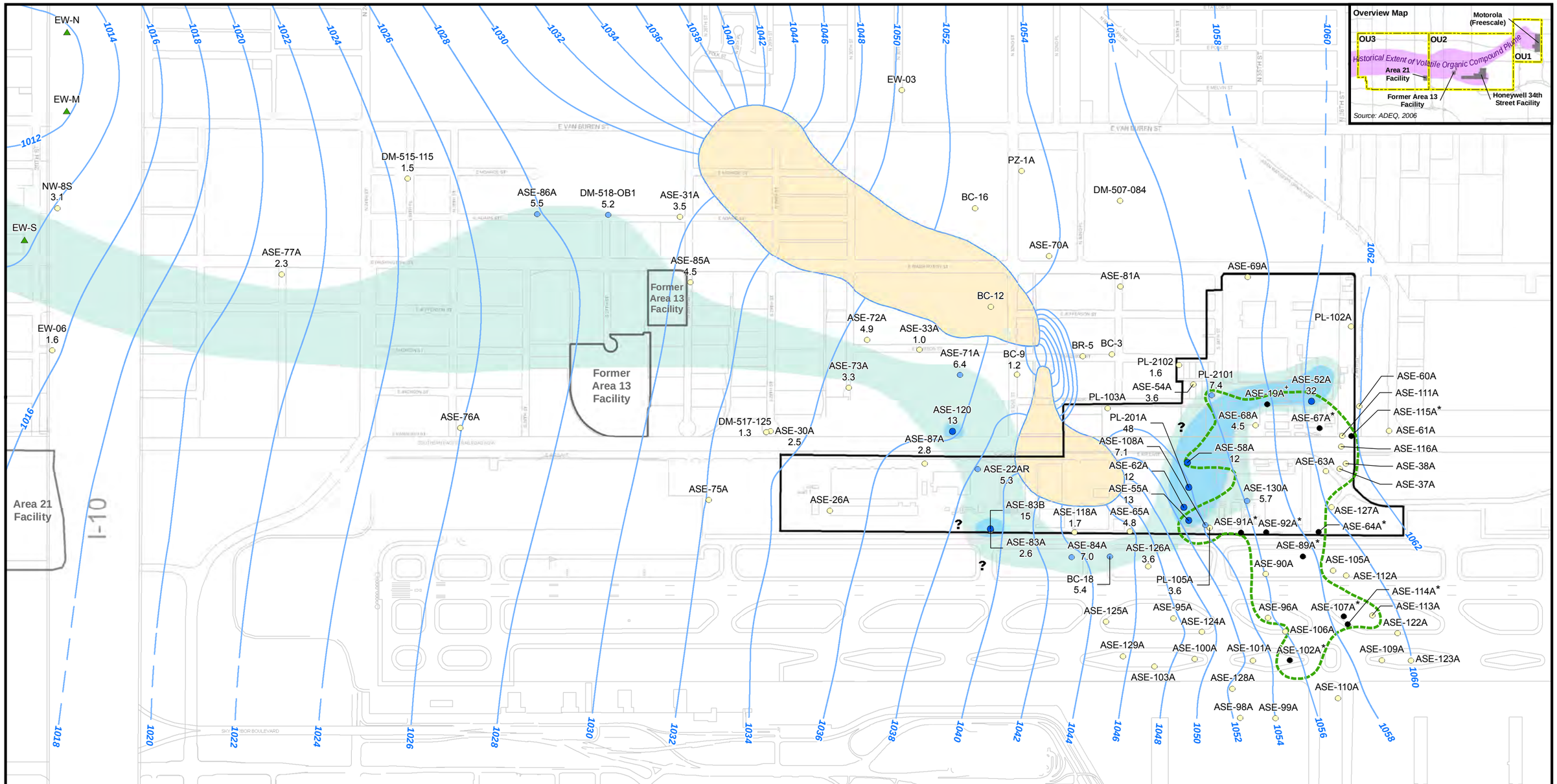
Originator: Theresa Wong	Theresa Wong (signature)
Checked by: Stephanie Mayhead	Stephanie Mayhead (signature)

FIGURE 3-5
VINYL CHLORIDE (VC)
SUB-UNIT A
SEPTEMBER 2010

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

UNK \\MADISON\GROUPS\EMS\GIS_LIBRARY\HONEYWELL\34TH_STREET_FACILITY\REPORTS\SEMI-ANNUAL\MAPFILES\2010_ANNUAL\FIGURE3-5_WQ_SUA_VC_SEPT2010.MXD TWONG2 6/8/2011 15:25:50



Legend

- Operable Unit 2 Groundwater Extraction Well
- September 2010 Contours of Equal Groundwater Level Elevation, in feet above mean sea level (dashed where inferred)
- Historical Free Product Extent (as of September 30, 2010)
- Honeywell Bedrock Rise
- Honeywell 34th Street Facility

DCA Concentration, µg/L

- Not Sampled (see text)
- ND - 4.9
- 5.0 - 9.9
- 10 - 49
- 50 - 99
- 100 - 499
- ≥ 500

DCA Plume Contours (Queried (?) where uncertain)

- 5.0 - 9.9
- 10 - 49
- 50 - 99
- 100 - 249
- 250 - 499
- ≥ 500

Notes:

a. All concentrations in micrograms per liter (µg/L).
b. Samples collected during September 2010.
c. Only detected values are labeled with concentration.
d. Data used to prepare maps included in Appendix B.
e. * Indicates monitoring well not sampled due to presence of free product.
f. + Indicates monitoring well not sampled due to insufficient water.
g. At paired and multi-level well locations, the highest detected concentrations were used for contouring.
h. This compound does not currently have an established Maximum Contaminant Level.

N

0 400 800 Feet

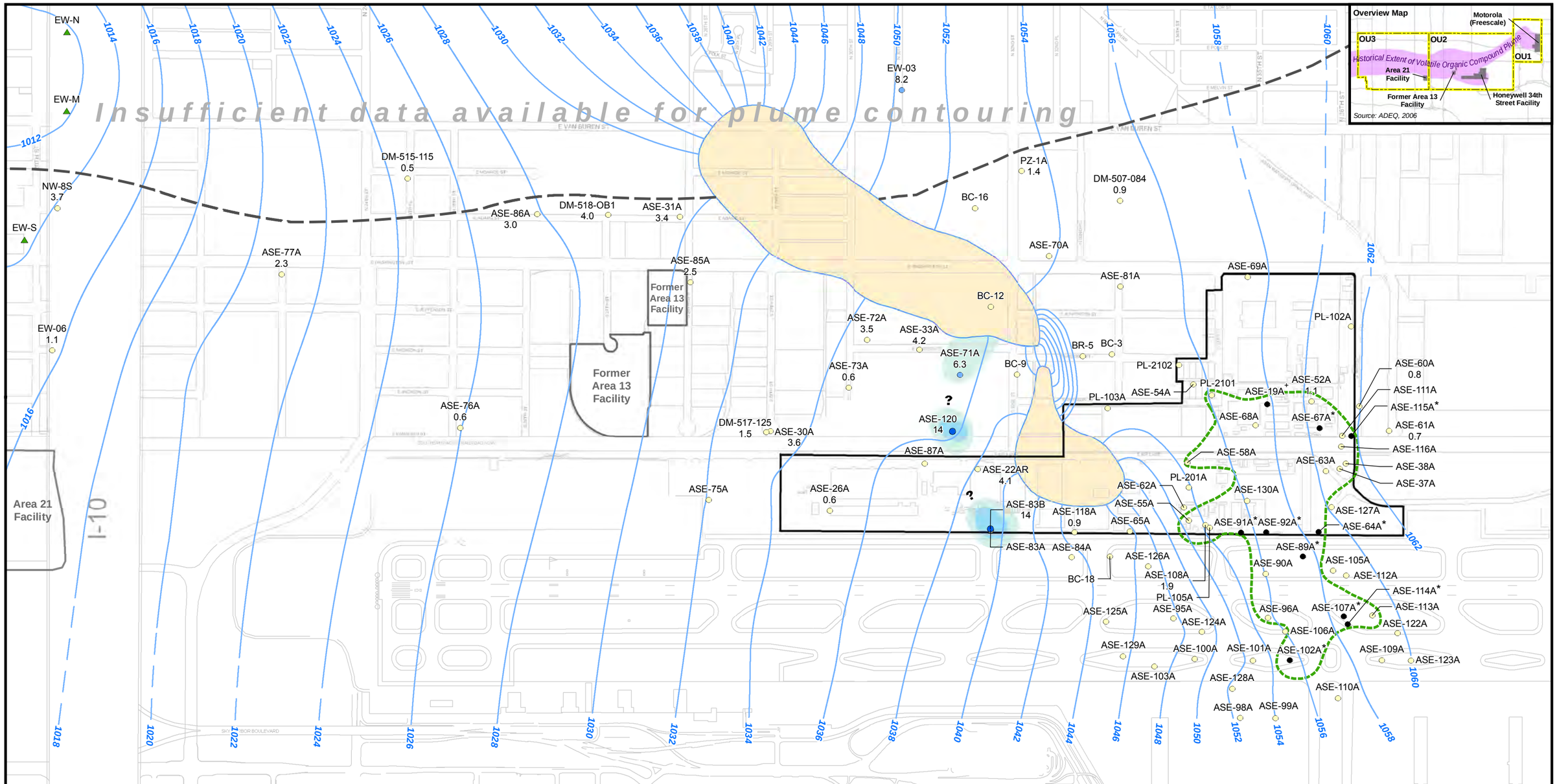
Originator: Theresa Wong	Theresa Wong (signature)
Checked by: Stephanie Mayhead	Stephanie Mayhead (signature)

FIGURE 3-7
1,1-DICHLOROETHANE (DCA)
SUB-UNIT A
SEPTEMBER 2010

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

UNK \\MADISON\GROUPS\EMS\GIS_LIBRARY\HONEYWELL\34TH_STREET_FACILITY\REPORTS\SEMI-ANNUAL\MAPFILES\2010_ANNUAL\FIGURE3-7_WQ_SUA_DCA_SEPT2010.MXD TWONG2 6/8/2011 15:57:04



Legend

- Operable Unit 2 Groundwater Extraction Well
- September 2010 Contours of Equal Groundwater Level Elevation, in feet above mean sea level (dashed where inferred)
- Insufficient Data Boundary
- Historical Free Product Extent (as of September 30, 2010)
- Honeywell Bedrock Rise

DCE Concentration, µg/L

- Not Sampled (see text)
- ND - 4.9
- 5.0 - 9.9 (MCL = 7)
- 10 - 49
- 50 - 99
- 100 - 499
- ≥ 500
- Honeywell 34th Street Facility

DCE Plume Contours (Queried (?) where uncertain)

- 5.0 (MCL = 7) - 9.9
- 10 - 49
- 50 - 99
- 100 - 249
- 250 - 499
- ≥ 500

Notes:

a. All concentrations in micrograms per liter (µg/L).
b. Samples collected during September 2010.
c. Only detected values are labeled with concentration.
d. Data used to prepare maps included in Appendix B.
e. * Indicates monitoring well not sampled due to presence of free product.
f. + Indicates monitoring well not sampled due to insufficient water.
g. At paired and multi-level well locations, the highest detected concentrations were used for contouring.
h. MCL = Maximum Contaminant Level.

N

0 400 800 Feet

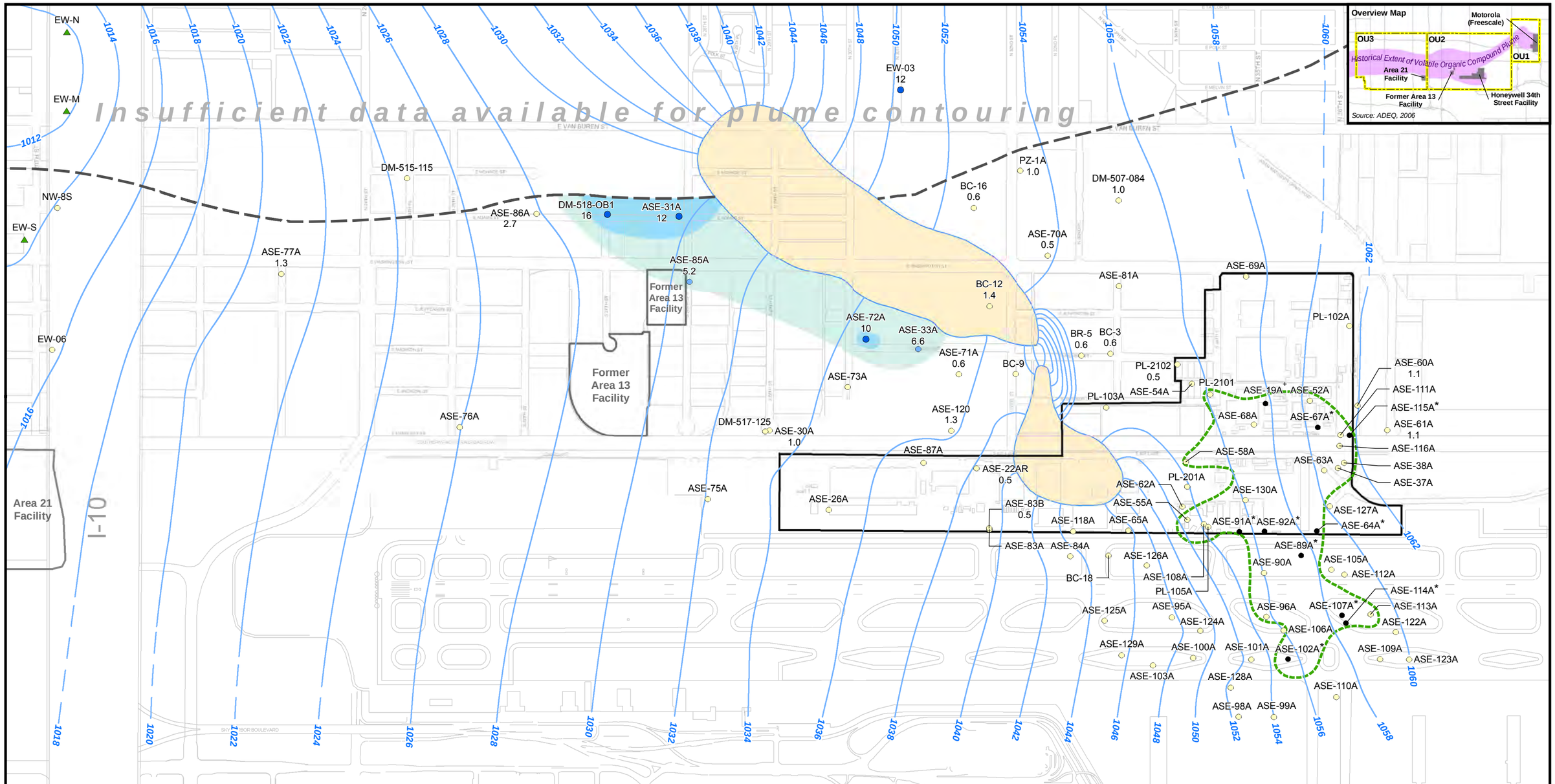
Originator: Theresa Wong	Theresa Wong (signature)
Checked by: Stephanie Mayhead	Stephanie Mayhead (signature)

FIGURE 3-9
1,1-DICHLOROETHENE (DCE)
SUB-UNIT A
SEPTEMBER 2010

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

UNK \\MADISON\GROUPS\EMS\GIS_LIBRARY\HONEYWELL\34TH_STREET_FACILITY\REPORTS\SEMI-ANNUAL\MAPFILES\2010_ANNUAL\FIGURE3-9_WQ_SUA_DCE_SEPT2010.MXD TWONG2 6/8/2011 15:57:39



Legend

- Operable Unit 2 Groundwater Extraction Well
- September 2010 Contours of Equal Groundwater Level Elevation, in feet above mean sea level (dashed where inferred)
- Insufficient Data Boundary
- Historical Free Product Extent (as of September 30, 2010)
- Honeywell Bedrock Rise

PCE Concentration, µg/L

- Not Sampled
- ND - 4.9
- 5.0 (MCL) - 9.9
- 10 - 49
- 50 - 99
- 100 - 499
- ≥ 500

- Honeywell 34th Street Facility

PCE Plume Contours

- 5.0 (MCL) - 9.9
- 10 - 49
- 50 - 99
- 100 - 249
- 250 - 499
- ≥ 500

Notes:

a. All concentrations in micrograms per liter (µg/L).
b. Samples collected during September 2010.
c. Only detected values are labeled with concentration.
d. Data used to prepare maps included in Appendix B.
e. * Indicates monitoring well not sampled due to presence of free product.
f. + Indicates monitoring well not sampled due to insufficient water.
g. At paired and multi-level well locations, the highest detected concentrations were used for contouring.
h. MCL = Maximum Contaminant Level.

N

0 400 800 Feet

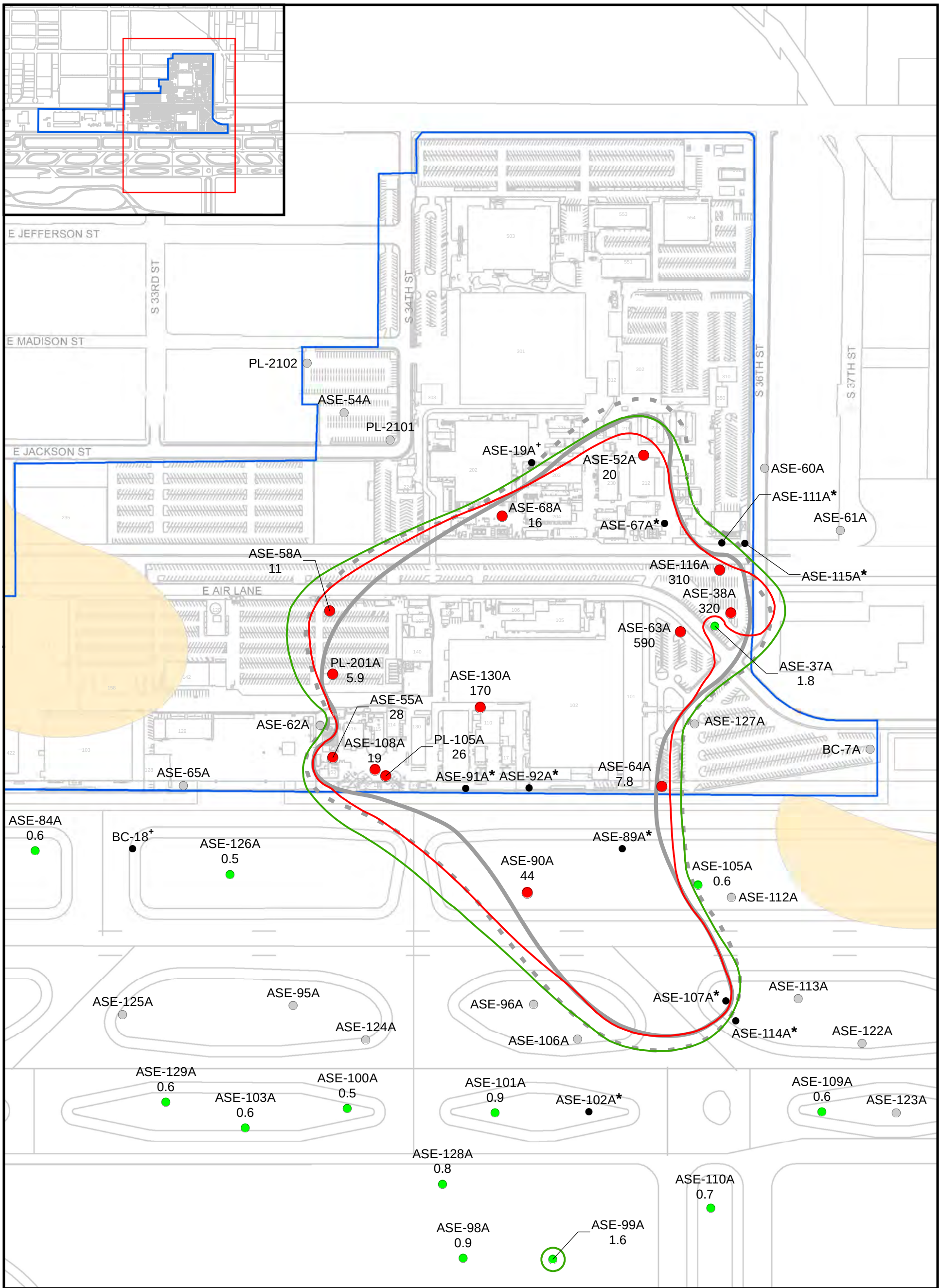
Originator: Theresa Wong	Theresa Wong (signature)
Checked by: Stephanie Mayhead	Stephanie Mayhead (signature)

FIGURE 3-11
TETRACHLOROETHENE (PCE)
SUB-UNIT A
SEPTEMBER 2010

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

UNK \\MADISON\GROUPS\EMS\GIS_LIBRARY\HONEYWELL\34TH_STREET_FACILITY\REPORTS\SEMI-ANNUAL\MAPFILES\2010_ANNUAL\FIGURE3-11_WQ_SUA_PCE_SEPT2010.MXD TWONG2 6/8/2011 16:04:11



Legend

- Compound Not Detected
- Compound Detected (µg/L)
- Corrective Action Standard Exceeded
- Well Not Sampled
- Street and Airport Features
- Honeywell Facility
- Honeywell Bedrock Rise

March 2011

- Not Detected Above 1 µg/L
- 5 µg/L

September 2010

- Not Detected Above Reporting Limit
- 5 µg/L

N W E S

0 150 300 600 Feet

Notes:

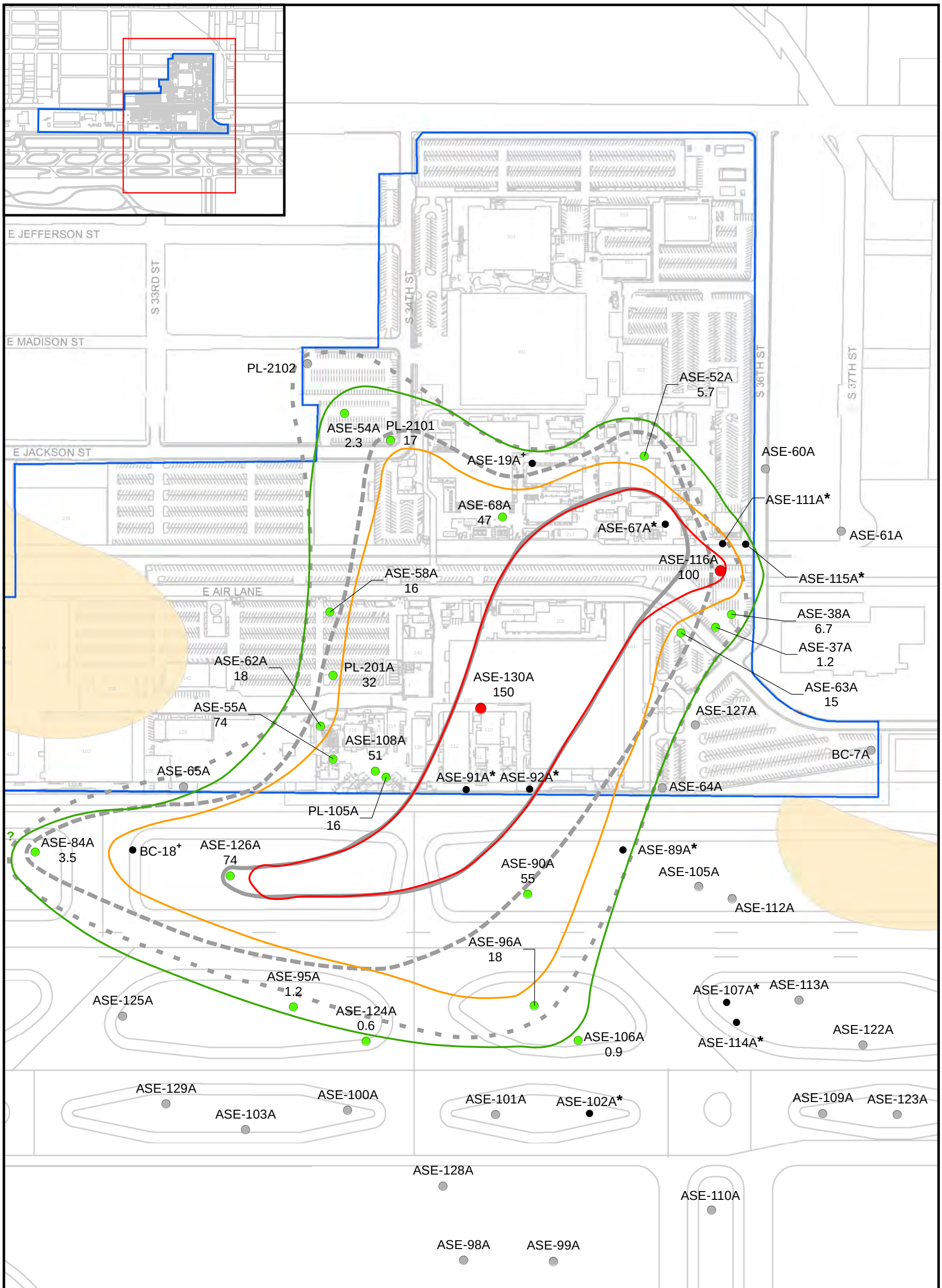
1. µg/L = micrograms per liter
2. The Arizona Department of Environmental Quality Tier 1 Corrective Action Standard is 5 µg/L.
3. Samples collected between March 6, 2011 and March 25, 2011.
4. * Indicates monitoring well not sampled due to presence of free product per CH2M HILL, 2008a.
5. + Indicates monitoring well not sampled due insufficient water in well.

FIGURE 3-4
BENZENE
MARCH 2011
GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

Originator: Rakesh Singh	(print name)	Rakesh Singh (signature)
Checked by: Nicole Alkov	(print name)	Nicole Alkov (signature)

\\IE10NT3KS001\HONEYWELL\34TH_STREET_FACILITY\REPORTS\UST\MAPFILES\2011_1STSEMIANNUAL_MAR\FIG3-4_GW_BENZENE-MAR2012_HTSREV0.MXD RSINGH 05/02/2011 18:51:26



Legend

- Compound Not Detected
- Compound Detected (µg/L)
- Corrective Action Limit Exceeded
- Well Not Sampled
- Street and Airport Features
- Honeywell Facility
- Honeywell Bedrock Rise

March 2011

- Not Detected Above 1 µg/L
- 20 µg/L
- 94 µg/L

September 2010

- Not Detected Above Reporting Limit
- 20 µg/L
- 94 µg/L

N W E S

0 150 300 600 Feet

Notes:

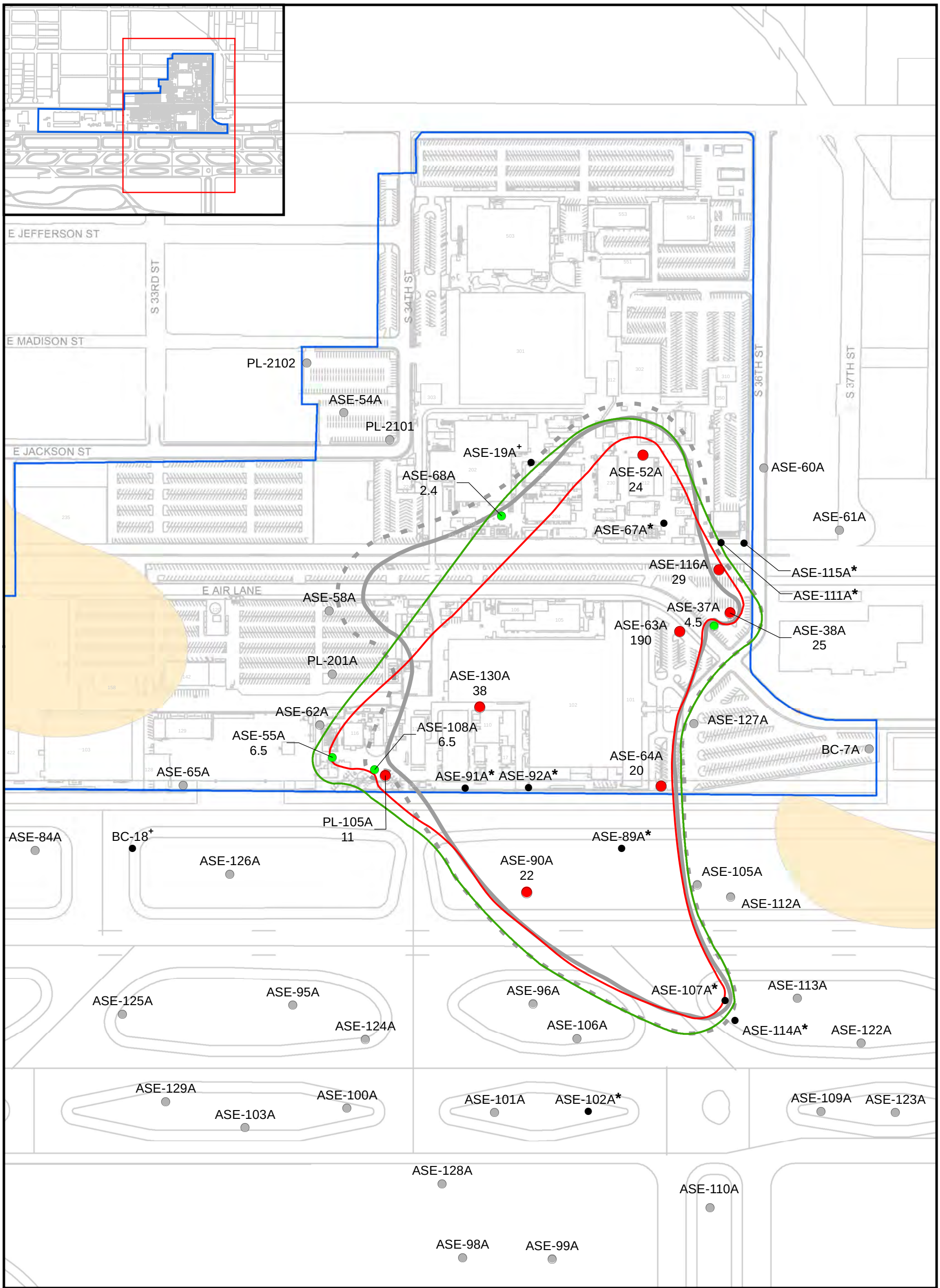
1. µg/L = micrograms per liter
2. The Arizona Department of Environmental Quality Tier 1 Corrective Action Standard is 94 µg/L.
3. The Arizona Department of Environmental Quality Investigative Level is 20 µg/L.
4. Samples collected between March 6, 2011 and March 25, 2011.
5. * Indicates monitoring well not sampled due to presence of free product per CH2M HILL, 2008a.
6. + Indicates monitoring well not sampled due to insufficient water in well.

FIGURE 3-5
METHYL TERT-BUTYL ETHER MARCH 2011 GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

Originator: Rakesh Singh	(print name)	Rakesh Singh (signature)
Checked by: Nicole Alkov	(print name)	Nicole Alkov (signature)

\\IE10NT3KS001\HONEYWELL\34TH_STREET_FACILITY\REPORTS\UST\MAPFILES\2011_1STSEMIANNUAL_MAR\FIG3-5_GW_MTBE-MAR2011_HTS.MXD RSINGH 05/12/2011 18:25:11



Legend

- Compound Not Detected
- Compound Detected (µg/L)
- Corrective Action Limit Exceeded
- Well Not Sampled
- Street and Airport Features
- Honeywell Facility
- Honeywell Bedrock Rise

March 2011
- Not Detected Above Reporting Limit
- 6.5 µg/L

September 2010
- Not Detected Above Reporting Limit
- 6.5 µg/L

N W E S

0 150 300 600 Feet

Notes:
1. µg/L = micrograms per liter
2. The Arizona Department of Environmental Quality Tier 1 Corrective Action Standard is 6.5 µg/L.
3. Samples collected between March 6, 2011 and March 25, 2011.
4. * Indicates monitoring well not sampled due to presence of free product per CH2M HILL, 2008a.
5. + Indicates monitoring well not sampled due to insufficient water in well.

FIGURE 3-6
NAPHTHALENE
MARCH 2011
GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

Originator: Rakesh Singh	(print name)	Rakesh Singh (signature)
Checked by: Nicole Alkov	(print name)	Nicole Alkov (signature)

\\IE10NT3KS001\HONEYWELL\34TH_STREET_FACILITY\REPORTS\UST\MAPFILES\2011_1STSEMIANNUAL_MAR\IG3-6_GW_NAPHTHALENE-MAR2011_HTSREV0.MXD RSINGH 05/02/2011 19:31:23

Attachment 4
Soil Gas Data

ATTACHMENT 4

Soil Gas Data

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Table 5 Helium Leak Testing Data

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TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	P-24-U	P-24-U	P-24-U	P-25-U	P-25-U	P-25-U	P-26-U	P-26-U	P-26-U	P-28-M	P-28-U
		Sample ID:	P-24-U-9Q4	P-24-U-10Q1	P-24-U-10Q4	P-25-U-9Q4	P-25-U-10Q1	P-25-U-10Q4	P-26-U-9Q4	P-26-U-10Q1	P-26-U-10Q4	P-28-M-10Q1	BSVE-SVM-10Q1-008
		Sample Depth:	7 - 12	7 - 12	7 - 12	7 - 12	7 - 12	7 - 12	5.25 - 10.25	5.25 - 10.25	5.25 - 10.25	43 - 48	6 - 11
		Sample Date:	12/1/2009	2/11/2010	11/17/2010	12/1/2009	2/9/2010	11/23/2010	12/1/2009	2/9/2010	11/24/2010	2/11/2010	2/11/2010
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	FD
Analytical Method	**Analyte**	**Units**											
TO-15	1,1-Dichloroethane	µg/m3	NS	< 25	< 4.9	NS	**4.9**	< 5.9	NS	< 78	< 5.4	< 4.4	< 3.9
TO-15	1,1-Dichloroethene	µg/m3	NS	< 24	< 4.8	NS	< 4	< 5.8	NS	< 77	< 5.3	**21**	< 3.9
TO-15	1,2,4-Trimethylbenzene	µg/m3	**7.8**	**520**	**210**	< 5.2	**5.8**	**200**	< 630	< 95	**180**	< 5.3	< 4.8
TO-15	1,3,5-Trimethylbenzene	µg/m3	< 5.2	**160**	**69**	< 5.2	< 5	**70**	< 630	< 95	**60**	< 5.3	< 4.8
TO-15	Benzene	µg/m3	< 3.4	< 19	< 3.9	< 3.4	< 3.2	**7.8**	< 410	**79**	< 4.3	< 3.4	< 3.1
TO-15	Chloroethane	µg/m3	< 2.8	< 16	< 3.2	< 2.8	< 2.7	< 3.9	< 340	< 51	< 3.5	< 2.8	< 2.6
TO-15	Chloroform	µg/m3	**55**	**34**	< 5.9	< 5.2	< 5	< 7.2	< 630	< 94	< 6.6	**12**	< 4.8
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.2	< 24	< 4.8	< 4.2	< 4	< 5.8	< 510	< 77	< 5.3	< 4.3	< 3.9
TO-15	Ethylbenzene	µg/m3	< 4.6	**120**	**54**	< 4.6	< 4.4	**14**	< 560	< 84	< 5.8	< 4.7	< 4.2
TO-15	n-Hexane	µg/m3	< 3.7	< 21	< 4.3	< 3.7	< 3.6	**32**	< 450	< 68	< 4.7	< 3.8	< 3.4
TO-15	o-Xylene	µg/m3	< 4.6	< 26	**69**	< 4.6	< 4.4	**27**	< 560	< 84	**14**	< 4.7	< 4.2
TO-15	Methyl tert-butyl ether	µg/m3	< 3.8	< 22	< 4.4	< 3.8	< 3.7	< 5.3	< 470	< 70	< 4.8	< 3.9	< 3.5
TO-15	Tetrachloroethene	µg/m3	< 7.2	< 41	< 8.2	**150**	**63**	**81**	< 870	< 130	< 9.1	**260**	**19**
TO-15	Toluene	µg/m3	< 4	< 23	< 4.6	< 4	< 3.8	**17**	< 490	< 73	< 5.1	< 4.1	< 3.7
TO-15	Trichloroethene	µg/m3	< 5.7	< 33	< 6.5	**11**	**8.3**	**31**	< 690	< 100	< 7.2	**27**	< 5.2
TO-15	Vinyl chloride	µg/m3	< 2.7	< 15	< 3.1	< 2.7	< 2.6	< 3.8	< 330	< 49	< 3.4	< 2.7	< 2.5
TO-15	m & p-Xylene	µg/m3	< 4.6	**120**	**230**	< 4.6	< 4.4	**57**	< 560	< 84	**23**	< 4.7	< 4.2
TO-15	Total xylenes	µg/m3	< 9.2	**120**	**300**	< 9.2	< 8.8	**84**	< 1100	< 170	**37**	< 9.3	< 8.5

Notes:
< = less than
µg/m3 = micrograms per cubic meter
FD = field duplicate
ID = identifier
J = estimated
REG = normal sample
Bold Results = laboratory analytical results detected above the reporting limit

TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	P-28-U	P-30-U	P-31	P-31	P-32	P-32	P-32	P-33	P-33	P-35	P-35	P-36	P-36
		Sample ID:	P-28-U-10Q1	P-30-U-10Q1	P-31-10Q1	P-31-10Q2	BSVE-SVM-10Q1-011	P-32-10Q1	P-32-10Q2	P-33-10Q1	P-33-10Q2	P-35-10Q1	P-35-10Q2	P-36-10Q1	P-36-10Q2
		Sample Depth:	6 - 11	6 - 11	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6
		Sample Date:	2/11/2010	2/11/2010	2/17/2010	5/20/2010	2/16/2010	2/16/2010	5/20/2010	2/17/2010	5/19/2010	2/17/2010	5/20/2010	2/17/2010	5/20/2010
		Sample Purpose:	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**													
TO-15	1,1-Dichloroethane	µg/m3	< 4.2	< 4.2	< 4.6	< 4.7	< 4.7	< 4.7	< 5.2	< 4.7	< 9	< 12	< 3.8	**1300**	**1100**
TO-15	1,1-Dichloroethene	µg/m3	< 4.1	< 4.1	< 4.5	< 4.6	< 4.6	< 4.6	< 5.1	< 4.6	< 8.8	< 12	< 3.7	**86**	**89**
TO-15	1,2,4-Trimethylbenzene	µg/m3	< 5.1	< 5.1	**140**	**29**	**220 J**	**540 J**	**42**	**38**	**150**	**310**	**92**	**93**	**68**
TO-15	1,3,5-Trimethylbenzene	µg/m3	< 5.1	< 5.1	**29**	**6.4**	**52 J**	**120 J**	**9.1**	**7.7**	**33**	**110**	**18**	**19**	**16**
TO-15	Benzene	µg/m3	< 3.3	< 3.3	**4**	< 3.7	< 3.7	< 3.7	< 4.1	< 3.7	< 7.1	**11**	< 3	< 3.4	< 3.7
TO-15	Chloroethane	µg/m3	< 2.7	< 2.7	< 3	< 3.1	< 3	< 3.1	< 3.4	< 3.1	< 5.9	< 7.7	< 2.5	< 2.8	< 3.1
TO-15	Chloroform	µg/m3	< 5.1	< 5.1	< 5.5	< 5.7	< 5.6	< 5.7	< 6.3	< 5.7	< 11	< 14	< 4.6	< 5.2	< 5.7
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.1	< 4.1	< 4.5	< 4.6	**11**	< 4.6	< 5.1	< 4.6	< 8.8	< 12	< 3.7	< 4.2	< 4.6
TO-15	Ethylbenzene	µg/m3	< 4.5	< 4.5	**9.4**	< 5.1	**19 J**	**34 J**	< 5.6	< 5.1	< 9.7	**45**	**7.1**	**5.6**	< 5
TO-15	n-Hexane	µg/m3	< 3.6	< 3.6	**4.7**	< 4.1	**110 J**	< 4.1	< 4.5	< 4.1	< 7.9	**28**	< 3.3	< 3.7	< 4.1
TO-15	o-Xylene	µg/m3	< 4.5	< 4.5	< 4.9	< 5.1	**9.7**	**11**	< 5.6	< 5.1	< 9.7	**21**	**4.4**	< 4.6	< 5
TO-15	Methyl tert-butyl ether	µg/m3	< 3.7	< 3.7	< 4.1	< 4.2	< 4.2	< 4.2	< 4.7	< 4.2	< 8	< 10	< 3.4	< 3.8	< 4.2
TO-15	Tetrachloroethene	µg/m3	**20**	< 7	< 7.6	< 7.9	**67**	**67**	**60**	**75**	**50**	**5900**	**2800**	**32**	**17**
TO-15	Toluene	µg/m3	< 3.9	< 3.9	< 4.2	< 4.4	< 4.4	< 4.4	< 4.9	< 4.4	< 8.4	< 11	< 3.6	**4.4**	< 4.4
TO-15	Trichloroethene	µg/m3	< 5.6	< 5.6	< 6	< 6.3	**1700 J**	**1000 J**	**1100**	**41**	**32**	**770**	**160**	**37**	**24**
TO-15	Vinyl chloride	µg/m3	< 2.6	< 2.6	< 2.9	< 3	< 3	< 3	< 3.3	< 3	< 5.7	< 7.4	< 2.4	< 2.7	< 3
TO-15	m & p-Xylene	µg/m3	< 4.5	< 4.5	**34**	**5.2**	**65 J**	**130 J**	**8**	**7.9**	**33**	**130**	**22**	**22**	**14**
TO-15	Total xylenes	µg/m3	< 9	< 9	**34**	**5.2**	**75 J**	**140 J**	**8**	**7.9**	**33**	**150**	**26**	**22**	**14**

Notes:
< = less than
µg/m3 = micrograms per cubic meter
FD = field duplicate
ID = identifier
J = estimated
REG = normal sample
Bold Results = laboratory analytical results detected above the reporting limit

TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	P-37	P-37	P-38	P-38	P-39	P-39	P-41	P-41	P-41	P-46-M	P-46-U	P-47	P-47
		Sample ID:	P-37-10Q1	P-37-10Q2	P-38-10Q1	P-38-10Q2	P-39-10Q1	P-39-10Q2	P-41-10Q1	BSVE-SVM-10Q2-009	P-41-10Q2	P-46-M-10Q1	P-46-U-10Q1	P-47-10Q1	P-47-10Q2
		Sample Depth:	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	5.5 - 6	45 - 50	6 - 11	6 - 11	6 - 11
		Sample Date:	2/17/2010	5/19/2010	2/17/2010	5/19/2010	2/17/2010	5/20/2010	2/16/2010	5/20/2010	5/20/2010	2/9/2010	2/9/2010	2/9/2010	5/13/2010
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**													
TO-15	1,1-Dichloroethane	µg/m3	< 4.6	< 8.3	< 48	< 4.2	< 4.5	< 27	**17**	< 4.9	< 4.6	< 180	< 28	< 14	< 26
TO-15	1,1-Dichloroethene	µg/m3	< 4.5	< 8.1	< 47	**11**	< 4.4	< 27	< 4.5	< 4.8	< 4.5	< 180	< 27	< 14	< 25
TO-15	1,2,4-Trimethylbenzene	µg/m3	**120**	**84**	**2100**	**57**	**300**	**120**	**300**	**110**	**100**	**4000**	**860**	**440**	**59**
TO-15	1,3,5-Trimethylbenzene	µg/m3	**28**	**18**	**820**	**12**	**79**	< 33	**71**	**28**	**22**	**1100**	**290**	**140**	< 31
TO-15	Benzene	µg/m3	< 3.6	< 6.5	**59**	< 3.3	< 3.5	< 22	< 3.6	< 3.9	**3.8**	< 140	**76**	**54**	< 20
TO-15	Chloroethane	µg/m3	< 3	< 5.4	< 32	< 2.7	< 2.9	< 18	< 3	< 3.2	< 3	< 120	< 18	< 9.4	< 17
TO-15	Chloroform	µg/m3	< 5.5	< 10	< 58	< 5.1	< 5.4	< 33	**12**	< 5.9	< 5.5	< 220	< 34	< 17	< 31
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.5	< 8.1	< 47	< 4.1	< 4.4	< 27	< 4.5	< 4.8	< 4.5	< 180	< 27	< 14	< 25
TO-15	Ethylbenzene	µg/m3	< 4.9	< 8.9	**360**	< 4.5	**22**	< 29	**23**	**8.9**	**7.9**	< 190	**99**	**51**	< 28
TO-15	n-Hexane	µg/m3	< 4	< 7.2	**220**	< 3.6	**16**	< 24	< 4	< 4.3	< 4	< 160	**53**	**24**	< 23
TO-15	o-Xylene	µg/m3	< 4.9	< 8.9	**150**	< 4.5	**8.7**	< 29	**6.3**	**9**	**8.9**	< 190	**68**	**34**	< 28
TO-15	Methyl tert-butyl ether	µg/m3	< 4.1	< 7.4	< 43	< 3.7	< 4	< 24	< 4.1	< 4.4	< 4.1	< 160	< 25	< 13	< 23
TO-15	Tetrachloroethene	µg/m3	< 7.6	< 14	**170**	**71**	**13**	< 46	**13**	< 8.2	< 7.7	< 300	< 47	< 24	< 43
TO-15	Toluene	µg/m3	< 4.2	< 7.7	< 45	< 3.9	**5.1**	< 25	< 4.2	< 4.6	< 4.3	< 170	< 26	< 13	< 24
TO-15	Trichloroethene	µg/m3	**29**	**14**	**71**	**73**	**7.9**	< 36	**260**	**54**	**56**	< 240	**47**	**47**	< 34
TO-15	Vinyl chloride	µg/m3	< 2.9	< 5.2	< 31	< 2.6	< 2.8	< 17	< 2.9	< 3.1	< 2.9	< 110	< 18	< 9.1	< 16
TO-15	m & p-Xylene	µg/m3	**19**	**15**	**1100**	**10**	**86**	**40**	**83**	**40**	**37**	**450**	**280**	**150**	< 28
TO-15	Total xylenes	µg/m3	**19**	**15**	**1200**	**10**	**94**	**40**	**89**	**49**	**46**	**450**	**350**	**180**	< 55

Notes:
< = less than
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TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	P-47	P-47	PMW-10-M	PMW-10-M	PMW-10-M	PMW-10-U	PMW-10-U	PMW-10-U	PMW-11-M	PMW-11-U
		Sample ID:	P-47-10Q3	P-47-10Q4	PMW-10-M-10Q1	PMW-10-M-10Q2	PMW-10-M-10Q4	PMW-10-U-10Q1	PMW-10-U-10Q2	PMW-10-U-10Q4	PMW-11-M-9Q4	PMW-11-U-9Q4
		Sample Depth:	6 - 11	6 - 11	20 - 25	20 - 25	20 - 25	5 - 10	5 - 10	5 - 10	20 - 25	5 - 9
		Sample Date:	7/27/2010	11/2/2010	2/5/2010	5/11/2010	11/4/2010	2/10/2010	5/11/2010	11/4/2010	12/2/2009	12/1/2009
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
TO-15	1,1-Dichloroethane	µg/m3	< 4.6	< 9.1	**45**	**36**	**19 J**	< 4.7	< 25	< 12	NS	NS
TO-15	1,1-Dichloroethene	µg/m3	< 4.5	< 8.9	**16**	**14**	< 12	< 4.6	< 24	< 12	NS	NS
TO-15	1,2,4-Trimethylbenzene	µg/m3	**16**	**25 J**	**850**	**380**	**380 J**	**130**	**640**	**550 J**	< 28	< 330
TO-15	1,3,5-Trimethylbenzene	µg/m3	< 5.5	< 11	**280**	**80**	**170 J**	**45**	**140**	**240 J**	< 28	< 330
TO-15	Benzene	µg/m3	**4**	< 7.2	**100**	< 10	< 9.3	**15**	< 19	< 9.8	**38**	< 210
TO-15	Chloroethane	µg/m3	< 3	< 5.9	< 9.7	< 8.3	< 7.7	< 3	< 16	< 8.1	< 15	< 170
TO-15	Chloroform	µg/m3	< 5.5	< 11	< 18	< 15	< 14	< 5.6	< 30	< 15	< 28	< 320
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.5	< 8.9	< 15	< 12	< 12	< 4.6	< 24	< 12	< 23	< 260
TO-15	Ethylbenzene	µg/m3	< 4.9	< 9.7	**140**	**19**	**16 J**	**19**	**37**	**28 J**	< 25	< 290
TO-15	n-Hexane	µg/m3	**4.1**	< 7.9	**60**	< 11	< 10	**7.5**	< 21	< 11	< 20	< 230
TO-15	o-Xylene	µg/m3	< 4.9	< 9.7	**120**	**17**	**14 J**	**10**	**31**	**19 J**	< 25	< 290
TO-15	Methyl tert-butyl ether	µg/m3	< 4.1	< 8.1	< 13	< 11	< 10	< 4.1	< 22	< 11	< 21	< 240
TO-15	Tetrachloroethene	µg/m3	< 7.6	< 15	**31**	**22**	**21 J**	< 7.8	< 41	< 21	< 39	< 450
TO-15	Toluene	µg/m3	< 4.2	< 8.4	**50**	< 12	< 11	< 4.3	< 23	< 12	< 21	< 250
TO-15	Trichloroethene	µg/m3	**8.5**	< 12	**120**	**72**	**57 J**	**44**	< 33	< 17	< 31	< 360
TO-15	Vinyl chloride	µg/m3	< 2.9	< 5.7	< 9.4	< 8	< 7.4	< 2.9	< 16	< 7.9	< 15	< 170
TO-15	m & p-Xylene	µg/m3	**7.8**	< 9.7	**420**	**120**	**61 J**	**53**	**220**	**90 J**	< 25	< 290
TO-15	Total xylenes	µg/m3	**7.8**	< 19	**540**	**130**	**75 J**	**63**	**250**	**110 J**	< 50	< 580

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TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	PMW-12-M	PMW-12-U	PMW-13-M	PMW-13-U	PMW-14-M	PMW-14-M	PMW-14-M	PMW-15-M	PMW-15-U
		Sample ID:	PMW-12-M-9Q4	PMW-12-U-9Q4	PMW-13-M-9Q4	PMW-13-U-9Q4	PMW-14-M-10Q1	BSVE-SVM-10Q4-003	PMW-14-M-10Q4	PMW-15-M-10Q1	PMW-15-U-10Q1
		Sample Depth:	20 - 25	5 - 9	20 - 25	5 - 9	20 - 25	20 - 25	20 - 25	20 - 25	5 - 10
		Sample Date:	12/2/2009	12/2/2009	12/2/2009	12/2/2009	2/11/2010	11/18/2010	11/18/2010	2/8/2010	2/8/2010
		Sample Purpose:	REG	REG	REG	REG	REG	FD	REG	REG	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	NS	NS	NS	NS	**6.5**	< 6.1	< 4.8	< 3.8	< 4
TO-15	1,1-Dichloroethene	µg/m3	NS	NS	NS	NS	< 4.1	< 6	< 4.7	< 3.8	< 3.9
TO-15	1,2,4-Trimethylbenzene	µg/m3	< 5.8	**8**	< 4.6	< 4.7	**88**	**97**	**78**	< 4.7	**5**
TO-15	1,3,5-Trimethylbenzene	µg/m3	< 5.8	< 4.8	< 4.6	< 4.7	**29**	**31**	**25**	< 4.7	< 4.8
TO-15	Benzene	µg/m3	< 3.7	**3.7**	< 3	< 3.1	**10**	< 4.8	< 3.8	< 3	< 3.1
TO-15	Chloroethane	µg/m3	< 3.1	< 2.6	< 2.5	< 2.5	< 2.7	< 4	< 3.1	< 2.5	< 2.6
TO-15	Chloroform	µg/m3	< 5.7	< 4.8	< 4.5	< 4.7	< 5.1	< 7.4	< 5.8	< 4.6	< 4.8
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.6	< 3.9	< 3.7	< 3.8	< 4.1	< 6	< 4.7	< 3.8	< 3.9
TO-15	Ethylbenzene	µg/m3	< 5.1	< 4.2	< 4	< 4.1	**10**	**10**	**7.8**	< 4.1	< 4.3
TO-15	n-Hexane	µg/m3	< 4.1	**19**	< 3.3	< 3.4	**24**	< 5.3	< 4.2	< 3.3	< 3.5
TO-15	o-Xylene	µg/m3	< 5.1	< 4.2	< 4	< 4.1	**6.4**	**12**	**10**	< 4.1	< 4.3
TO-15	Methyl tert-butyl ether	µg/m3	< 4.2	< 3.5	< 3.4	< 3.4	< 3.7	< 5.4	< 4.3	< 3.4	< 3.6
TO-15	Tetrachloroethene	µg/m3	**11**	**11**	**18**	**11**	**8.5**	< 10	< 8.1	**13**	< 6.7
TO-15	Toluene	µg/m3	< 4.4	< 3.7	< 3.5	< 3.6	< 3.9	< 5.7	< 4.5	< 3.6	< 3.7
TO-15	Trichloroethene	µg/m3	< 6.3	< 5.2	< 5	< 5.1	**11**	< 8.1	< 6.4	< 5.1	< 5.3
TO-15	Vinyl chloride	µg/m3	< 3	< 2.5	< 2.4	< 2.4	< 2.6	< 3.9	< 3	< 2.4	< 2.5
TO-15	m & p-Xylene	µg/m3	< 5.1	**6.2**	< 4	< 4.1	**30**	**42**	**32**	< 4.1	< 4.3
TO-15	Total xylenes	µg/m3	< 10	**6.2**	< 8.1	< 8.3	**36**	**54**	**42**	< 8.3	< 8.6

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TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	PMW-1-M	PMW-1-M	PMW-1-M	PMW-1-U	PMW-1-U	PMW-1-U	PMW-2-M	PMW-2-M	PMW-2-M
		Sample ID:	PMW-1-M-10Q1	PMW-1-M-10Q2	PMW-1-M-10Q4	PMW-1-U-10Q1	PMW-1-U-10Q2	PMW-1-U-10Q4	PMW-2-M-10Q1	PMW-2-M-10Q2	PMW-2-M-10Q4
		Sample Depth:	20 - 25	20 - 25	20 - 25	5 - 10	5 - 10	5 - 10	20 - 25	20 - 25	20 - 25
		Sample Date:	2/10/2010	5/10/2010	11/2/2010	2/10/2010	5/10/2010	11/2/2010	2/11/2010	5/11/2010	11/2/2010
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	< 4.8	< 26	< 13	< 4.8	< 27	< 14	< 4.5	< 12	< 12
TO-15	1,1-Dichloroethene	µg/m3	< 4.7	< 26	< 12	< 4.7	< 26	< 14	< 4.4	< 12	< 12
TO-15	1,2,4-Trimethylbenzene	µg/m3	**100**	**900 J**	< 15	**120**	**1100 J**	< 17	**99**	**300**	**1500 J**
TO-15	1,3,5-Trimethylbenzene	µg/m3	**32**	**190 J**	< 15	**37**	**230 J**	< 17	**15**	**65**	**630 J**
TO-15	Benzene	µg/m3	**14**	< 21	**11**	**16**	< 21	**12**	< 3.5	< 9.6	**13 J**
TO-15	Chloroethane	µg/m3	< 3.1	< 17	< 8.3	< 3.1	< 17	< 9.1	< 2.9	< 8	< 8
TO-15	Chloroform	µg/m3	< 5.8	< 32	< 15	< 5.8	< 32	< 17	**13**	< 15	< 15
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.7	< 26	< 12	< 4.7	< 26	< 14	< 4.4	< 12	< 12
TO-15	Ethylbenzene	µg/m3	**15**	**120 J**	< 14	**17**	**170 J**	< 15	< 4.8	**33**	< 13
TO-15	n-Hexane	µg/m3	**7.1**	< 23	**12**	**8**	< 23	< 12	< 3.9	< 11	< 11
TO-15	o-Xylene	µg/m3	**8.1**	< 28	< 14	**8.6**	**69 J**	< 15	< 4.8	< 13	< 13
TO-15	Methyl tert-butyl ether	µg/m3	< 4.3	< 24	< 11	< 4.3	< 24	< 12	< 4	< 11	< 11
TO-15	Tetrachloroethene	µg/m3	< 8.1	< 44	< 21	< 8	< 45	< 23	< 7.5	< 20	< 20
TO-15	Toluene	µg/m3	< 4.5	< 25	< 12	< 4.5	< 25	< 13	< 4.1	< 11	< 11
TO-15	Trichloroethene	µg/m3	**19**	< 35	< 17	**24**	< 35	< 18	< 5.9	< 16	**39 J**
TO-15	Vinyl chloride	µg/m3	< 3	< 17	< 8	< 3	< 17	< 8.8	< 2.8	< 7.7	< 7.7
TO-15	m & p-Xylene	µg/m3	**43**	**290 J**	< 14	**45**	**400 J**	< 15	**17**	**81**	< 13
TO-15	Total xylenes	µg/m3	**51**	**290 J**	< 27	**54**	**470 J**	< 30	**17**	**81**	< 26

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TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	PMW-2-U	PMW-2-U	PMW-2-U	PMW-3-M	PMW-3-M	PMW-3-M	PMW-3-U	PMW-3-U	PMW-3-U
		Sample ID:	PMW-2-U-10Q1	PMW-2-U-10Q2	PMW-2-U-10Q4	PMW-3-M-10Q1	PMW-3-M-10Q2	PMW-3-M-10Q4	PMW-3-U-10Q1	BSVE-SVM-10Q2-002	PMW-3-U-10Q2
		Sample Depth:	5 - 10	5 - 10	5 - 10	20 - 25	20 - 25	20 - 25	5 - 10	5 - 10	5 - 10
		Sample Date:	2/11/2010	5/11/2010	11/2/2010	2/12/2010	5/11/2010	11/2/2010	2/12/2010	5/11/2010	5/11/2010
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	FD	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	< 4.4	< 25	< 24	< 3.9	< 8.6	< 25	< 13	< 12	< 25
TO-15	1,1-Dichloroethene	µg/m3	< 4.3	< 24	< 24	< 3.9	< 8.4	< 25	< 13	< 12	< 24
TO-15	1,2,4-Trimethylbenzene	µg/m3	**200**	**560**	**3100 J**	**190**	**160**	**1800**	**320**	**180 J**	**480 J**
TO-15	1,3,5-Trimethylbenzene	µg/m3	**36**	**110**	**1200 J**	**49**	**36**	**450**	**68**	**39 J**	**110 J**
TO-15	Benzene	µg/m3	< 3.5	< 19	< 19	< 3.1	< 6.8	< 20	< 10	< 9.7	< 20
TO-15	Chloroethane	µg/m3	< 2.9	< 16	< 16	< 2.6	< 5.6	< 17	< 8.4	< 8	< 16
TO-15	Chloroform	µg/m3	< 5.3	< 30	< 29	< 4.8	< 10	< 31	< 16	< 15	< 30
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.3	< 24	< 24	< 3.9	< 8.4	< 25	< 13	< 12	< 24
TO-15	Ethylbenzene	µg/m3	**13**	**69**	< 26	**42**	**15**	**73**	**48**	**16 J**	**47 J**
TO-15	n-Hexane	µg/m3	< 3.8	< 21	< 21	**18**	< 7.5	< 22	**21**	< 11	< 22
TO-15	o-Xylene	µg/m3	< 4.7	**29**	< 26	**6.2**	< 9.2	**240**	< 14	**14 J**	**34 J**
TO-15	Methyl tert-butyl ether	µg/m3	< 3.9	< 22	< 21	< 3.5	< 7.7	< 23	< 12	< 11	< 22
TO-15	Tetrachloroethene	µg/m3	< 7.4	< 41	< 40	< 6.6	< 14	< 43	< 22	< 21	< 42
TO-15	Toluene	µg/m3	< 4.1	< 23	< 22	< 3.7	< 8	< 24	< 12	< 11	< 23
TO-15	Trichloroethene	µg/m3	**5.9**	< 33	< 32	**7.4**	**18**	**100**	< 17	**43 J**	**66 J**
TO-15	Vinyl chloride	µg/m3	< 2.8	< 16	< 15	< 2.5	< 5.4	< 16	< 8.2	< 7.8	< 16
TO-15	m & p-Xylene	µg/m3	**45**	**180**	< 26	**88**	**47**	**290**	**96**	**48 J**	**140 J**
TO-15	Total xylenes	µg/m3	**45**	**210**	< 52	**94**	**47**	**540**	**96**	**62 J**	**170 J**

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TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	PMW-3-U	PMW-3-U	PMW-4-M	PMW-4-M	PMW-4-M	PMW-4-U	PMW-4-U	PMW-4-U	PMW-5-M
		Sample ID:	BSVE-SVM-10Q4-002	PMW-3-U-10Q4	PMW-4-M-10Q1	PMW-4-M-10Q2	PMW-4-M-10Q4	PMW-4-U-10Q1	PMW-4-U-10Q2	PMW-4-U-10Q4	PMW-5-M-10Q1
		Sample Depth:	5 - 10	5 - 10	20 - 25	20 - 25	20 - 25	4.5 - 9	4.5 - 9	4.5 - 9	20 - 25
		Sample Date:	11/2/2010	11/2/2010	2/10/2010	5/13/2010	11/4/2010	2/10/2010	5/13/2010	11/3/2010	2/5/2010
		Sample Purpose:	FD	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	< 25	< 26	< 4.7	< 12	< 10	< 4.7	< 12	< 12	< 17
TO-15	1,1-Dichloroethene	µg/m3	< 24	< 25	< 4.6	< 12	< 9.8	< 4.6	< 12	< 12	< 16
TO-15	1,2,4-Trimethylbenzene	µg/m3	**2400 J**	**2200**	**120**	**160**	**450**	**130**	**320**	**540**	**620**
TO-15	1,3,5-Trimethylbenzene	µg/m3	**660 J**	**590**	**40**	**38**	**160**	**45**	**66**	**180**	**240**
TO-15	Benzene	µg/m3	< 20	< 20	**14**	< 9.8	< 7.9	**17**	< 9.7	< 9.8	**30**
TO-15	Chloroethane	µg/m3	< 16	< 17	< 3	< 8.1	< 6.5	< 3	< 8	< 8.1	< 11
TO-15	Chloroform	µg/m3	< 30	< 31	**200**	**140**	< 12	**6.3**	< 15	**17**	< 20
TO-15	cis-1,2-Dichloroethene	µg/m3	< 24	< 25	< 4.6	< 12	< 9.8	< 4.6	< 12	< 12	< 16
TO-15	Ethylbenzene	µg/m3	**110 J**	**88**	**17**	< 13	**19**	**19**	**33**	**27**	**71**
TO-15	n-Hexane	µg/m3	< 22	< 22	**7.5**	< 11	< 8.7	**8.5**	< 11	< 11	**22**
TO-15	o-Xylene	µg/m3	**360 J**	**310**	**9.8**	< 13	**46**	**10**	< 13	**57**	**44**
TO-15	Methyl tert-butyl ether	µg/m3	< 22	< 23	< 4.2	< 11	< 8.9	< 4.2	< 11	< 11	< 15
TO-15	Tetrachloroethene	µg/m3	< 42	< 43	< 7.8	< 21	< 17	< 7.8	< 21	< 21	< 28
TO-15	Toluene	µg/m3	**31 J**	< 24	< 4.4	< 12	< 9.3	< 4.4	< 11	< 12	**16**
TO-15	Trichloroethene	µg/m3	**150 J**	**120**	**24**	< 17	**15**	**30**	< 16	**29**	< 22
TO-15	Vinyl chloride	µg/m3	< 16	< 16	< 3	< 7.9	< 6.3	< 3	< 7.8	< 7.9	< 11
TO-15	m & p-Xylene	µg/m3	**430 J**	**340**	**48**	**37**	**94**	**53**	**89**	**110**	**210**
TO-15	Total xylenes	µg/m3	**790 J**	**650**	**57**	**37**	**140**	**64**	**89**	**170**	**260**

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TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	PMW-5-M	PMW-5-M	PMW-5-U	PMW-5-U	PMW-5-U	PMW-5-U	PMW-6-M	PMW-6-M
		Sample ID:	PMW-5-M-10Q2	PMW-5-M-10Q4	BSVE-SVM-10Q1-002	PMW-5-U-10Q1	PMW-5-U-10Q2	PMW-5-U-10Q4	BSVE-SVM-10Q1-001	PMW-6-M-10Q1
		Sample Depth:	20 - 25	20 - 25	5 - 10	5 - 10	5 - 10	5 - 10	20 - 25	20 - 25
		Sample Date:	5/11/2010	11/6/2010	2/5/2010	2/5/2010	5/11/2010	11/5/2010	2/11/2010	2/11/2010
		Sample Purpose:	REG	REG	FD	REG	REG	REG	FD	REG
Analytical Method	**Analyte**	**Units**								
TO-15	1,1-Dichloroethane	µg/m3	< 13	< 15	< 62	< 99	< 24	< 15	< 4.5	< 4.5
TO-15	1,1-Dichloroethene	µg/m3	< 12	< 14	< 60	< 97	< 24	< 14	< 4.4	< 4.4
TO-15	1,2,4-Trimethylbenzene	µg/m3	**200**	**450**	**1800**	**1900**	**420**	**530 J**	**24**	**19**
TO-15	1,3,5-Trimethylbenzene	µg/m3	**43**	**160**	**720**	**800**	**92**	**170 J**	< 5.5	< 5.5
TO-15	Benzene	µg/m3	**10**	**23**	**82**	**110**	< 19	< 12	< 3.6	< 3.6
TO-15	Chloroethane	µg/m3	< 8.2	< 9.6	< 40	< 64	< 16	< 9.5	< 2.9	< 3
TO-15	Chloroform	µg/m3	< 15	< 18	< 74	< 120	< 29	< 18	< 5.4	< 5.5
TO-15	cis-1,2-Dichloroethene	µg/m3	< 12	< 14	< 60	< 97	< 24	< 14	< 4.4	< 4.4
TO-15	Ethylbenzene	µg/m3	**24**	**19**	**210**	**210**	**40**	**21 J**	< 4.8	< 4.9
TO-15	n-Hexane	µg/m3	< 11	< 13	< 54	< 86	< 21	< 13	< 3.9	< 3.9
TO-15	o-Xylene	µg/m3	< 13	**45**	**120**	**110**	< 26	**51 J**	< 4.8	< 4.9
TO-15	Methyl tert-butyl ether	µg/m3	< 11	< 13	< 55	< 88	< 22	< 13	< 4	< 4
TO-15	Tetrachloroethene	µg/m3	< 21	**41**	< 100	< 170	< 41	< 25	< 7.6	< 7.6
TO-15	Toluene	µg/m3	< 12	< 14	< 57	< 92	< 23	< 14	< 4.2	< 4.2
TO-15	Trichloroethene	µg/m3	< 17	< 20	< 82	< 130	< 32	< 19	< 6	< 6
TO-15	Vinyl chloride	µg/m3	< 7.9	< 9.3	< 39	< 62	< 15	< 9.2	< 2.9	< 2.9
TO-15	m & p-Xylene	µg/m3	**61**	**92**	**640**	**620**	**130**	**110 J**	**5.4**	< 4.9
TO-15	Total xylenes	µg/m3	**61**	**140**	**760**	**730**	**130**	**160 J**	**5.4**	< 9.7

Notes:
< = less than
µg/m3 = micrograms per cubic meter
FD = field duplicate
ID = identifier
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REG = normal sample
Bold Results = laboratory analytical results detected above the reporting limit

TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	PMW-6-M	PMW-6-M	PMW-6-M	PMW-6-U	PMW-6-U	PMW-6-U	PMW-7-M	PMW-7-M	PMW-7-M
		Sample ID:	BSVE-SVM-10Q2-003	PMW-6-M-10Q2	PMW-6-M-10Q4	PMW-6-U-10Q1	PMW-6-U-10Q2	PMW-6-U-10Q4	PMW-7-M-10Q1	PMW-7-M-10Q2	PMW-7-M-10Q4
		Sample Depth:	20 - 25	20 - 25	20 - 25	5 - 10	5 - 10	5 - 10	20 - 25	20 - 25	20 - 25
		Sample Date:	5/11/2010	5/11/2010	11/9/2010	2/11/2010	5/11/2010	11/7/2010	2/8/2010	5/17/2010	11/4/2010
		Sample Purpose:	FD	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	< 13	< 12	< 4.2	< 4.3	< 13	< 12	< 4	< 8.3	< 4.8
TO-15	1,1-Dichloroethene	µg/m3	< 13	< 12	< 4.1	< 4.2	< 12	< 12	< 4	< 8.1	< 4.7
TO-15	1,2,4-Trimethylbenzene	µg/m3	**100 J**	**180 J**	**240 J**	**39**	**430 J**	**250**	**5.7**	**110**	**480**
TO-15	1,3,5-Trimethylbenzene	µg/m3	**23 J**	**35 J**	**78 J**	**5.5**	**130 J**	**82**	< 4.9	**25**	**140**
TO-15	Benzene	µg/m3	< 10	< 9.4	< 3.3	< 3.4	< 10	< 9.4	< 3.2	< 6.5	**7.1**
TO-15	Chloroethane	µg/m3	< 8.4	< 7.8	< 2.7	< 2.8	< 8.3	< 7.8	< 2.6	< 5.4	< 3.1
TO-15	Chloroform	µg/m3	< 15	< 14	< 5.1	< 5.2	< 15	< 14	**14**	**14**	< 5.7
TO-15	cis-1,2-Dichloroethene	µg/m3	< 13	< 12	< 4.1	< 4.2	< 12	< 12	< 4	< 8.1	< 4.7
TO-15	Ethylbenzene	µg/m3	< 14	**16**	**10 J**	< 4.6	**59 J**	< 13	< 4.3	< 8.9	**37**
TO-15	n-Hexane	µg/m3	< 11	< 10	< 3.6	< 3.8	**59 J**	< 10	< 3.5	< 7.2	< 4.1
TO-15	o-Xylene	µg/m3	< 14	< 13	**25 J**	< 4.6	**76 J**	**23**	< 4.3	< 8.9	**29**
TO-15	Methyl tert-butyl ether	µg/m3	< 11	< 11	< 3.7	< 3.8	**24 J**	< 11	< 3.6	< 7.4	< 4.2
TO-15	Tetrachloroethene	µg/m3	< 21	< 20	< 7	< 7.2	< 21	< 20	< 6.8	< 14	< 8
TO-15	Toluene	µg/m3	< 12	< 11	< 3.9	< 4	< 12	< 11	< 3.8	< 7.7	< 4.4
TO-15	Trichloroethene	µg/m3	< 17	< 16	**9.1 J**	< 5.7	< 17	< 16	< 5.4	< 11	< 6.3
TO-15	Vinyl chloride	µg/m3	< 8.1	< 7.6	< 2.6	< 2.7	< 8.1	< 7.5	< 2.6	< 5.2	< 3
TO-15	m & p-Xylene	µg/m3	**22 J**	**45 J**	**47 J**	**7.8**	**260 J**	**43**	< 4.3	**26**	**150**
TO-15	Total xylenes	µg/m3	**22 J**	**45 J**	**72 J**	**7.8**	**340 J**	**66**	< 8.7	**26**	**180**

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Bold Results = laboratory analytical results detected above the reporting limit

TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	PMW-7-U	PMW-7-U	PMW-7-U	PMW-8-M	PMW-8-M	PMW-8-M	PMW-8-U	PMW-8-U	PMW-8-U
		Sample ID:	PMW-7-U-10Q1	PMW-7-U-10Q2	PMW-7-U-10Q4	PMW-8-M-10Q1	PMW-8-M-10Q2	PMW-8-M-10Q4	PMW-8-U-10Q1	PMW-8-U-10Q2	PMW-8-U-10Q4
		Sample Depth:	5 - 10	5 - 10	5 - 10	20.5 - 25.5	20.5 - 25.5	20.5 - 25.5	5 - 10	5 - 10	5 - 10
		Sample Date:	2/8/2010	5/17/2010	11/4/2010	2/8/2010	5/17/2010	11/4/2010	2/8/2010	5/17/2010	11/4/2010
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	< 4.3	< 4.2	< 9.6	< 4.4	< 4.4	< 4.7	< 4.4	< 4.7	< 4.3
TO-15	1,1-Dichloroethene	µg/m3	< 4.2	< 4.2	< 9.4	< 4.3	< 4.3	< 4.6	< 4.3	< 4.6	< 4.2
TO-15	1,2,4-Trimethylbenzene	µg/m3	**10**	**48**	**780**	**8.3**	**30**	**310**	**11**	**54**	**360**
TO-15	1,3,5-Trimethylbenzene	µg/m3	< 5.3	**11**	**230**	< 5.3	**5.7**	**91**	< 5.3	**11**	**110**
TO-15	Benzene	µg/m3	< 3.4	< 3.4	< 7.6	< 3.5	< 3.4	**4.4**	< 3.5	< 3.7	< 3.4
TO-15	Chloroethane	µg/m3	< 2.8	< 2.8	< 6.3	< 2.9	< 2.8	< 3	< 2.9	< 3	< 2.8
TO-15	Chloroform	µg/m3	< 5.2	< 5.1	< 12	< 5.3	< 5.2	< 5.6	< 5.3	< 5.6	< 5.2
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.2	< 4.2	< 9.4	< 4.3	< 4.3	< 4.6	< 4.3	< 4.6	< 4.2
TO-15	Ethylbenzene	µg/m3	< 4.6	< 4.6	**58**	< 4.7	< 4.7	**21**	< 4.7	< 5	**29**
TO-15	n-Hexane	µg/m3	< 3.8	< 3.7	< 8.4	< 3.8	< 3.8	< 4.1	< 3.8	< 4.1	< 3.8
TO-15	o-Xylene	µg/m3	< 4.6	< 4.6	**48**	< 4.7	< 4.7	**18**	< 4.7	< 5	**22**
TO-15	Methyl tert-butyl ether	µg/m3	< 3.9	< 3.8	< 8.6	< 3.9	< 3.9	< 4.1	< 3.9	< 4.1	< 3.9
TO-15	Tetrachloroethene	µg/m3	< 7.3	< 7.1	< 16	< 7.4	< 7.3	< 7.8	< 7.4	< 7.8	< 7.3
TO-15	Toluene	µg/m3	< 4	< 4	< 9	< 4.1	< 4.1	< 4.3	< 4.1	< 4.3	< 4
TO-15	Trichloroethene	µg/m3	< 5.7	< 5.6	< 13	< 5.8	< 5.8	< 6.2	< 5.8	< 6.2	< 5.7
TO-15	Vinyl chloride	µg/m3	< 2.7	< 2.7	< 6.1	< 2.8	< 2.7	< 2.9	< 2.8	< 2.9	< 2.7
TO-15	m & p-Xylene	µg/m3	< 4.6	**10**	**230**	< 4.7	**6.1**	**89**	< 4.7	**12**	**110**
TO-15	Total xylenes	µg/m3	< 9.3	**10**	**280**	< 9.4	**6.1**	**110**	< 9.4	**12**	**130**

Notes:
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TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	PMW-9-M	PMW-9-M	PMW-9-M	PMW-9-U	PMW-9-U	PMW-9-U	PMW-9-U	SMW-10-M	SMW-10-M
		Sample ID:	PMW-9-M-10Q1	PMW-9-M-10Q2	PMW-9-M-10Q4	PMW-9-U-10Q1	BSVE-SVM-10Q2-004	PMW-9-U-10Q2	PMW-9-U-10Q4	SMW-10-M-10Q2	SMW-10-M-10Q4
		Sample Depth:	20.5 - 25.5	20.5 - 25.5	20.5 - 25.5	5 - 9	5 - 9	5 - 9	5 - 9	20 - 25	20 - 25
		Sample Date:	2/5/2010	5/10/2010	11/4/2010	2/5/2010	5/10/2010	5/10/2010	11/4/2010	5/15/2010	11/16/2010
		Sample Purpose:	REG	REG	REG	REG	FD	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	< 15	< 26	< 3.8	< 9.7	< 25	< 13	< 4	< 4.4	< 4.1
TO-15	1,1-Dichloroethene	µg/m3	< 15	< 25	< 3.7	< 9.5	< 25	< 13	< 3.9	< 4.3	< 4
TO-15	1,2,4-Trimethylbenzene	µg/m3	**430**	**430**	**220**	**520**	**790 J**	**350 J**	**250**	**53**	**100**
TO-15	1,3,5-Trimethylbenzene	µg/m3	**130**	**90**	**65**	**160**	**170 J**	**74 J**	**71**	**10**	**30**
TO-15	Benzene	µg/m3	**43**	< 21	< 3	**57**	< 20	< 10	< 3.2	< 3.5	< 3.2
TO-15	Chloroethane	µg/m3	< 9.8	< 17	< 2.5	< 6.3	< 17	< 8.5	< 2.6	< 2.8	< 2.7
TO-15	Chloroform	µg/m3	< 18	< 31	**6.4**	< 12	< 31	< 16	< 4.9	< 5.3	< 4.9
TO-15	cis-1,2-Dichloroethene	µg/m3	< 15	< 25	< 3.7	< 9.5	< 25	< 13	< 3.9	< 4.3	< 4
TO-15	Ethylbenzene	µg/m3	**62**	**36**	**14**	**87**	**81 J**	**29 J**	**16**	< 4.7	< 4.4
TO-15	n-Hexane	µg/m3	**29**	< 23	< 3.3	**33**	< 22	< 11	< 3.5	< 3.8	< 3.6
TO-15	o-Xylene	µg/m3	**47**	< 28	**13**	**67**	**38**	< 14	**14**	< 4.7	< 4.4
TO-15	Methyl tert-butyl ether	µg/m3	< 13	< 23	< 3.4	< 8.7	< 23	< 12	< 3.6	< 3.9	< 3.6
TO-15	Tetrachloroethene	µg/m3	< 25	< 44	< 6.3	< 16	< 43	< 22	< 6.7	**12**	**13**
TO-15	Toluene	µg/m3	**22**	< 24	< 3.5	**29**	< 24	< 12	< 3.7	< 4.1	< 3.8
TO-15	Trichloroethene	µg/m3	**21**	< 34	< 5	**29**	< 34	< 17	< 5.3	< 5.8	< 5.4
TO-15	Vinyl chloride	µg/m3	< 9.5	< 16	< 2.4	< 6.1	< 16	< 8.2	< 2.5	< 2.8	< 2.6
TO-15	m & p-Xylene	µg/m3	**180**	**100**	**58**	**250**	**210 J**	**83 J**	**64**	**11**	**14**
TO-15	Total xylenes	µg/m3	**220**	**100**	**70**	**320**	**240 J**	**83 J**	**77**	**11**	**14**

Notes:
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TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SMW-10-U	SMW-10-U	SMW-11-M	SMW-11-U	SMW-11-U	SMW-12-M	SMW-12-M	SMW-12-M
		Sample ID:	SMW-10-U-10Q2	SMW-10-U-10Q4	SMW-11-M-10Q2	BSVE-SVM-10Q2-007	SMW-11-U-10Q2	SMW-12-M-10Q1	SMW-12-M-10Q2	SMW-12-M-10Q4
		Sample Depth:	5 - 9	5 - 9	20 - 25	5 - 9	5 - 9	20 - 25	20 - 25	20 - 25
		Sample Date:	5/15/2010	11/16/2010	5/15/2010	5/15/2010	5/15/2010	2/9/2010	5/14/2010	11/24/2010
		Sample Purpose:	REG	REG	REG	FD	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**								
TO-15	1,1-Dichloroethane	µg/m3	< 4.4	< 4.2	< 4.1	< 4.2	< 4.5	< 3.9	< 8.8	< 6.6
TO-15	1,1-Dichloroethene	µg/m3	< 4.3	< 4.2	< 4	< 4.1	< 4.4	< 3.9	< 8.6	< 6.4
TO-15	1,2,4-Trimethylbenzene	µg/m3	**77**	**150**	**15**	**16**	**12**	< 4.8	**170**	**77**
TO-15	1,3,5-Trimethylbenzene	µg/m3	**17**	**45**	< 4.9	< 5.1	< 5.5	< 4.8	**36**	**26**
TO-15	Benzene	µg/m3	< 3.5	< 3.4	< 3.2	< 3.3	< 3.6	< 3.1	< 7	< 5.2
TO-15	Chloroethane	µg/m3	< 2.9	< 2.8	< 2.7	< 2.7	< 2.9	< 2.6	< 5.8	< 4.3
TO-15	Chloroform	µg/m3	< 5.3	< 5.1	< 4.9	< 5.1	< 5.4	< 4.8	< 11	< 7.9
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.3	< 4.2	< 4	< 4.1	< 4.4	< 3.9	< 8.6	< 6.4
TO-15	Ethylbenzene	µg/m3	**6.2**	< 4.6	< 4.4	< 4.5	< 4.8	< 4.2	**11**	< 7
TO-15	n-Hexane	µg/m3	< 3.8	< 3.7	< 3.5	< 3.6	< 3.9	< 3.4	< 7.7	< 5.7
TO-15	o-Xylene	µg/m3	< 4.7	< 4.6	< 4.4	< 4.5	< 4.8	< 4.2	< 9.5	< 7
TO-15	Methyl tert-butyl ether	µg/m3	< 3.9	< 3.8	< 3.6	< 3.7	< 4	< 3.5	< 7.9	< 5.8
TO-15	Tetrachloroethene	µg/m3	**11**	**14**	**9.5**	< 7	< 7.6	**100**	**100**	**120**
TO-15	Toluene	µg/m3	< 4.1	< 4	**4**	< 3.9	< 4.2	< 3.7	< 8.2	< 6.1
TO-15	Trichloroethene	µg/m3	< 5.8	< 5.6	< 5.4	< 5.6	< 6	< 5.2	< 12	< 8.7
TO-15	Vinyl chloride	µg/m3	< 2.8	< 2.7	< 2.6	< 2.6	< 2.9	< 2.5	< 5.6	< 4.1
TO-15	m & p-Xylene	µg/m3	**18**	**19**	**6.5**	**6.5**	< 4.8	< 4.2	**48**	**12**
TO-15	Total xylenes	µg/m3	**18**	**19**	**6.5**	**6.5**	< 9.7	< 8.5	**48**	**12**

Notes:
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µg/m3 = micrograms per cubic meter
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ID = identifier
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REG = normal sample
Bold Results = laboratory analytical results detected above the reporting limit

TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SMW-12-U	SMW-12-U	SMW-12-U	SMW-13-M	SMW-13-U	SMW-14-M	SMW-14-U	SMW-1-M	SMW-1-M
		Sample ID:	SMW-12-U-10Q1	SMW-12-U-10Q2	SMW-12-U-10Q4	SMW-13-M-10Q2	SMW-13-U-10Q2	SMW-14-M-10Q2	SMW-14-U-10Q2	SMW-1-M-10Q1	SMW-1-M-10Q2
		Sample Depth:	5 - 9	5 - 9	5 - 9	19.1 - 24	5 - 9	20 - 25	5 - 9	20 - 25	20 - 25
		Sample Date:	2/9/2010	5/14/2010	11/24/2010	5/14/2010	5/14/2010	5/15/2010	5/15/2010	2/9/2010	5/7/2010
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	< 4.2	< 13	< 5.3	< 4.2	< 8.4	< 4.2	< 4.2	< 4.2	< 12
TO-15	1,1-Dichloroethene	µg/m3	< 4.1	< 13	< 5.2	< 4.1	< 8.2	< 4.1	< 4.1	< 4.1	< 12
TO-15	1,2,4-Trimethylbenzene	µg/m3	< 5.1	**390**	**64**	**110**	**210**	**13**	**21**	< 5.1	**1300 J**
TO-15	1,3,5-Trimethylbenzene	µg/m3	< 5.1	**84**	**20**	**24**	**46**	< 5.1	< 5.1	< 5.1	**350 J**
TO-15	Benzene	µg/m3	< 3.3	< 10	< 4.2	< 3.3	< 6.6	**3.7**	< 3.3	< 3.3	< 9.3
TO-15	Chloroethane	µg/m3	< 2.7	< 8.4	< 3.5	< 2.8	< 5.5	< 2.7	< 2.7	< 2.8	< 7.7
TO-15	Chloroform	µg/m3	< 5.1	< 16	< 6.4	< 5.1	< 10	< 5	< 5.1	< 5.1	< 14
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.1	< 13	< 5.2	< 4.1	< 8.2	< 4.1	< 4.1	< 4.1	< 12
TO-15	Ethylbenzene	µg/m3	< 4.5	**27**	< 5.7	**10**	**24**	< 4.5	< 4.5	< 4.5	**150 J**
TO-15	n-Hexane	µg/m3	< 3.6	< 11	< 4.6	< 3.7	< 7.3	< 3.6	< 3.7	< 3.7	**16 J**
TO-15	o-Xylene	µg/m3	< 4.5	**19**	< 5.7	**6.2**	**14**	< 4.5	< 4.5	< 4.5	**110 J**
TO-15	Methyl tert-butyl ether	µg/m3	< 3.7	< 12	< 4.7	< 3.8	< 7.5	< 3.7	< 3.7	< 3.8	< 10
TO-15	Tetrachloroethene	µg/m3	**17**	**27**	**31**	**11**	< 14	**54**	**40**	< 7.1	< 20
TO-15	Toluene	µg/m3	< 3.9	< 12	< 5	**4.1**	< 7.8	**4.6**	< 3.9	< 3.9	**12 J**
TO-15	Trichloroethene	µg/m3	< 5.6	< 17	< 7.1	< 5.6	< 11	< 5.5	< 5.6	< 5.6	**130 J**
TO-15	Vinyl chloride	µg/m3	< 2.6	< 8.2	< 3.4	< 2.7	< 5.3	< 2.6	< 2.7	< 2.7	< 7.4
TO-15	m & p-Xylene	µg/m3	< 4.5	**110**	**8.8**	**29**	**72**	**5.3**	**8**	< 4.5	**410 J**
TO-15	Total xylenes	µg/m3	< 9	**130**	**8.8**	**36**	**86**	**5.3**	**8**	< 9.1	**520 J**

Notes:
< = less than
µg/m3 = micrograms per cubic meter
FD = field duplicate
ID = identifier
J = estimated
REG = normal sample
Bold Results = laboratory analytical results detected above the reporting limit

TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SMW-1-M	SMW-1-U	SMW-1-U	SMW-1-U	SMW-2-M	SMW-2-M	SMW-2-M	SMW-2-M	SMW-2-M
		Sample ID:	SMW-1-M-10Q3	SMW-1-U-10Q1	SMW-1-U-10Q2	SMW-1-U-10Q3	SMW-2-M-10Q1	SMW-2-M-10Q2	SMW-2-M-10Q3	BSVE-SVM-10Q4-004	SMW-2-M-10Q4
		Sample Depth:	20 - 25	5 - 10	5 - 10	5 - 10	20 - 25	20 - 25	20 - 25	20 - 25	20 - 25
		Sample Date:	7/28/2010	2/9/2010	5/7/2010	7/28/2010	2/9/2010	5/7/2010	7/28/2010	11/3/2010	11/3/2010
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	FD	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	< 5.7	< 3.8	< 48	< 9.8	< 4.9	< 22	< 5.3	< 4.5	< 4.8
TO-15	1,1-Dichloroethene	µg/m3	< 5.6	< 3.8	< 47	< 9.6	< 4.8	< 22	< 5.2	< 4.4	< 4.7
TO-15	1,2,4-Trimethylbenzene	µg/m3	< 7	**11**	**4000 J**	< 12	< 6	**1300 J**	**8.7**	**14 J**	**7 J**
TO-15	1,3,5-Trimethylbenzene	µg/m3	< 7	< 4.7	**1100 J**	< 12	< 6	**360 J**	< 6.5	< 5.5	< 5.8
TO-15	Benzene	µg/m3	**8.6 J**	< 3	< 38	< 7.7	< 3.9	< 18	**4.4**	< 3.6	< 3.8
TO-15	Chloroethane	µg/m3	< 3.7	< 2.5	< 32	< 6.4	< 3.2	< 14	< 3.5	< 3	< 3.1
TO-15	Chloroform	µg/m3	< 6.9	< 4.6	< 58	< 12	**11**	< 27	< 6.4	< 5.5	< 5.7
TO-15	cis-1,2-Dichloroethene	µg/m3	< 5.6	< 3.8	< 47	< 9.6	< 4.8	< 22	< 5.2	< 4.4	< 4.7
TO-15	Ethylbenzene	µg/m3	< 6.1	< 4.1	**460 J**	< 11	< 5.3	**130 J**	< 5.7	< 4.9	< 5.1
TO-15	n-Hexane	µg/m3	< 5	< 3.3	**64 J**	< 8.5	< 4.3	< 19	< 4.7	< 3.9	< 4.1
TO-15	o-Xylene	µg/m3	< 6.1	< 4.1	**350 J**	< 11	< 5.3	**100 J**	< 5.7	< 4.9	< 5.1
TO-15	Methyl tert-butyl ether	µg/m3	< 5.1	< 3.4	< 43	< 8.7	< 4.4	< 20	< 4.8	< 4	< 4.2
TO-15	Tetrachloroethene	µg/m3	< 9.6	< 6.4	< 81	< 16	< 8.3	< 37	< 9	< 7.6	< 8
TO-15	Toluene	µg/m3	< 5.3	< 3.6	< 45	< 9.1	< 4.6	< 21	< 5	< 4.2	< 4.4
TO-15	Trichloroethene	µg/m3	< 7.6	< 5.1	**470 J**	< 13	< 6.6	**130 J**	< 7.1	< 6	< 6.3
TO-15	Vinyl chloride	µg/m3	< 3.6	< 2.4	< 31	< 6.2	< 3.1	< 14	< 3.4	< 2.9	< 3
TO-15	m & p-Xylene	µg/m3	< 6.1	< 4.1	**1200 J**	< 11	< 5.3	**430 J**	< 5.7	< 4.9	< 5.1
TO-15	Total xylenes	µg/m3	< 12	< 8.3	**1600 J**	< 21	< 11	**540 J**	< 11	< 9.7	< 10

Notes:
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TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SMW-3-M	SMW-3-M	SMW-3-M	SMW-3-U	SMW-3-U	SMW-3-U	SMW-4-M	SMW-4-M	SMW-4-M
		Sample ID:	SMW-3-M-10Q1	SMW-3-M-10Q2	SMW-3-M-10Q3	SMW-3-U-10Q1	SMW-3-U-10Q2	SMW-3-U-10Q3	SMW-4-M-10Q1	BSVE-SVM-10Q2-008	SMW-4-M-10Q2
		Sample Depth:	20 - 25	20 - 25	20 - 25	5 - 10	5 - 10	5 - 10	20 - 25	20 - 25	20 - 25
		Sample Date:	2/9/2010	5/7/2010	7/27/2010	2/9/2010	5/7/2010	7/27/2010	2/10/2010	5/11/2010	5/11/2010
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	FD	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	< 4.6	< 8.3	< 3.8	< 4.5	< 12	< 3.8	**25**	< 4.9	< 4.5
TO-15	1,1-Dichloroethene	µg/m3	< 4.5	< 8.2	< 3.7	< 4.4	< 12	< 3.7	< 5.3	< 4.8	< 4.4
TO-15	1,2,4-Trimethylbenzene	µg/m3	< 5.6	**520 J**	< 4.6	< 5.4	**930 J**	**8.2**	**120**	**8.6**	**8.7**
TO-15	1,3,5-Trimethylbenzene	µg/m3	< 5.6	**120 J**	< 4.6	< 5.4	**240 J**	< 4.6	**38**	< 6	< 5.4
TO-15	Benzene	µg/m3	< 3.7	< 6.6	**3.4**	< 3.5	< 9.5	**4.1**	**23**	< 3.9	< 3.5
TO-15	Chloroethane	µg/m3	< 3	< 5.4	< 2.5	< 2.9	< 7.8	< 2.5	< 3.5	< 3.2	< 2.9
TO-15	Chloroform	µg/m3	< 5.6	< 10	**51**	**55**	< 15	**180**	**43**	**17**	**16**
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.5	< 8.2	< 3.7	< 4.4	< 12	< 3.7	< 5.3	< 4.8	< 4.4
TO-15	Ethylbenzene	µg/m3	< 5	**47 J**	< 4.1	< 4.8	**110 J**	< 4.1	**14**	< 5.3	< 4.8
TO-15	n-Hexane	µg/m3	< 4	< 7.3	< 3.3	< 3.9	**11 J**	< 3.3	**5.9**	< 4.3	< 3.9
TO-15	o-Xylene	µg/m3	< 5	**38 J**	< 4.1	< 4.8	**84 J**	< 4.1	**7.4**	< 5.3	< 4.8
TO-15	Methyl tert-butyl ether	µg/m3	< 4.1	< 7.4	< 3.4	< 4	< 11	< 3.4	< 4.8	< 4.4	< 4
TO-15	Tetrachloroethene	µg/m3	< 7.8	< 14	< 6.3	< 7.5	< 20	**6.7**	**27**	< 8.2	< 7.5
TO-15	Toluene	µg/m3	< 4.3	< 7.8	< 3.5	< 4.1	< 11	< 3.5	< 5	< 4.6	< 4.1
TO-15	Trichloroethene	µg/m3	< 6.2	**41 J**	**21**	< 5.9	**87 J**	**36**	**1300**	**190**	**200**
TO-15	Vinyl chloride	µg/m3	< 2.9	< 5.3	< 2.4	< 2.8	< 7.6	< 2.4	< 3.4	< 3.1	< 2.8
TO-15	m & p-Xylene	µg/m3	< 5	**140 J**	< 4.1	< 4.8	**300 J**	< 4.1	**41**	< 5.3	< 4.8
TO-15	Total xylenes	µg/m3	< 9.9	**180 J**	< 8.1	< 9.6	**390 J**	< 8.1	**48**	< 11	< 9.6

Notes:
< = less than
µg/m3 = micrograms per cubic meter
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TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SMW-4-M	SMW-4-M	SMW-4-U	SMW-4-U	SMW-4-U	SMW-4-U	SMW-5-M	SMW-5-M	SMW-5-M
		Sample ID:	SMW-4-M-10Q3	SMW-4-M-10Q4	SMW-4-U-10Q1	SMW-4-U-10Q2	BSVE-SVM-10Q3-005	SMW-4-U-10Q3	SMW-5-M-10Q1	SMW-5-M-10Q2	SMW-5-M-10Q3
		Sample Depth:	20 - 25	20 - 25	5 - 10	5 - 10	5 - 10	5 - 10	20 - 25	20 - 25	20 - 25
		Sample Date:	7/27/2010	11/3/2010	2/10/2010	5/11/2010	7/27/2010	7/27/2010	2/10/2010	5/11/2010	7/28/2010
		Sample Purpose:	REG	REG	REG	REG	FD	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	**5.2**	**37**	**14**	**7**	< 4.2	< 4.3	< 4.6	< 5	< 4.5
TO-15	1,1-Dichloroethene	µg/m3	< 4.1	< 4.6	< 5.4	< 4.9	< 4.1	< 4.2	< 4.5	< 4.9	< 4.4
TO-15	1,2,4-Trimethylbenzene	µg/m3	**12**	< 5.7	**160**	**31**	**39**	**110**	< 5.5	**12**	< 5.5
TO-15	1,3,5-Trimethylbenzene	µg/m3	< 5.1	< 5.7	**52**	**7.1**	**9.4**	**29**	< 5.5	< 6.1	< 5.5
TO-15	Benzene	µg/m3	**7.5**	< 3.7	**15**	< 4	**5.7**	**9.6**	< 3.6	< 4	< 3.6
TO-15	Chloroethane	µg/m3	< 2.7	< 3	< 3.6	< 3.3	< 2.7	< 2.8	< 3	< 3.3	< 3
TO-15	Chloroform	µg/m3	**15**	**10**	**15**	**9.3**	**9.8**	**11**	< 5.5	< 6.1	< 5.5
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.1	< 4.6	< 5.4	< 4.9	< 4.1	< 4.2	< 4.5	< 4.9	< 4.4
TO-15	Ethylbenzene	µg/m3	< 4.5	< 5	**21**	< 5.4	< 4.5	< 4.6	< 4.9	< 5.4	< 4.9
TO-15	n-Hexane	µg/m3	< 3.6	< 4.1	**8.8**	< 4.4	< 3.7	< 3.8	< 4	< 4.4	< 3.9
TO-15	o-Xylene	µg/m3	< 4.5	< 5	**11**	< 5.4	< 4.5	< 4.6	< 4.9	< 5.4	< 4.9
TO-15	Methyl tert-butyl ether	µg/m3	< 3.7	< 4.1	< 4.9	< 4.5	**3.8**	**7.9**	< 4.1	< 4.5	< 4
TO-15	Tetrachloroethene	µg/m3	**18**	**36**	**34**	**25**	**39**	**43**	**510**	**700**	**1100**
TO-15	Toluene	µg/m3	< 3.9	< 4.3	< 5.1	< 4.7	**5.6**	**4.4**	< 4.2	< 4.7	< 4.2
TO-15	Trichloroethene	µg/m3	**500**	**58**	**1100**	**790**	**840**	**920**	**6.4**	**81**	**11**
TO-15	Vinyl chloride	µg/m3	< 2.6	< 2.9	< 3.5	< 3.2	< 2.7	< 2.7	< 2.9	< 3.2	< 2.9
TO-15	m & p-Xylene	µg/m3	< 4.5	< 5	**59**	< 5.4	< 4.5	**22**	< 4.9	< 5.4	< 4.9
TO-15	Total xylenes	µg/m3	< 8.9	< 10	**71**	< 11	< 9	**22**	< 9.8	< 11	< 9.7

Notes:
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Bold Results = laboratory analytical results detected above the reporting limit

TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SMW-5-U	SMW-5-U	SMW-5-U	SMW-5-U	SMW-6-M	SMW-6-M	SMW-6-M	SMW-6-U	SMW-6-U
		Sample ID:	BSVE-SVM-10Q1-010	SMW-5-U-10Q1	SMW-5-U-10Q2	SMW-5-U-10Q3	SMW-6-M-10Q1	SMW-6-M-10Q2	SMW-6-M-10Q4	SMW-6-U-10Q1	SMW-6-U-10Q2
		Sample Depth:	5 - 10	5 - 10	5 - 10	5 - 10	20 - 25	20 - 25	20 - 25	5 - 10	5 - 10
		Sample Date:	2/10/2010	2/10/2010	5/11/2010	7/28/2010	2/10/2010	5/11/2010	11/3/2010	2/10/2010	5/11/2010
		Sample Purpose:	FD	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	< 4.3	< 4.6	< 4.8	< 4.9	< 5	< 4.5	< 4.4	< 5	< 4.6
TO-15	1,1-Dichloroethene	µg/m3	< 4.2	< 4.5	< 4.7	< 4.8	< 4.9	< 4.4	< 4.3	< 4.9	< 4.5
TO-15	1,2,4-Trimethylbenzene	µg/m3	< 5.2	< 5.6	**160**	< 6	**130**	**22**	< 5.3	**200**	**100**
TO-15	1,3,5-Trimethylbenzene	µg/m3	< 5.2	< 5.6	**39**	< 6	**41**	**5.5**	< 5.3	**63**	**26**
TO-15	Benzene	µg/m3	< 3.4	< 3.6	< 3.8	< 3.9	**10**	< 3.5	< 3.5	**18**	< 3.6
TO-15	Chloroethane	µg/m3	< 2.8	< 3	< 3.1	< 3.2	< 3.2	< 2.9	< 2.8	< 3.2	< 3
TO-15	Chloroform	µg/m3	< 5.2	< 5.5	< 5.8	< 6	< 6	< 5.4	< 5.3	< 6	< 5.5
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.2	< 4.5	< 4.7	< 4.8	< 4.9	< 4.4	< 4.3	< 4.9	< 4.5
TO-15	Ethylbenzene	µg/m3	< 4.6	< 4.9	**18**	< 5.3	**16**	< 4.8	< 4.7	**28**	< 4.9
TO-15	n-Hexane	µg/m3	< 3.7	< 4	< 4.2	< 4.3	**6.3**	< 3.9	< 3.8	**12**	< 4
TO-15	o-Xylene	µg/m3	< 4.6	< 4.9	**9**	< 5.3	**8.8**	< 4.8	< 4.7	**16**	< 4.9
TO-15	Methyl tert-butyl ether	µg/m3	< 3.8	< 4.1	< 4.3	< 4.4	< 4.4	< 4	< 3.9	< 4.4	< 4.1
TO-15	Tetrachloroethene	µg/m3	**170**	**170**	< 8	**560**	**9**	**10**	**13**	< 8.3	**8.3**
TO-15	Toluene	µg/m3	< 4	< 4.3	< 4.4	**9.1**	< 4.6	< 4.2	< 4.1	< 4.6	< 4.2
TO-15	Trichloroethene	µg/m3	< 5.7	< 6.1	**20**	**15**	**27**	**25**	**40**	**37**	**18**
TO-15	Vinyl chloride	µg/m3	< 2.7	< 2.9	< 3	< 3.1	< 3.1	< 2.8	< 2.8	< 3.1	< 2.9
TO-15	m & p-Xylene	µg/m3	< 4.6	< 4.9	**47**	< 5.3	**44**	< 4.8	< 4.7	**78**	**19**
TO-15	Total xylenes	µg/m3	< 9.2	< 9.8	**56**	< 11	**53**	< 9.6	< 9.4	**93**	**19**

Notes:
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Bold Results = laboratory analytical results detected above the reporting limit

TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SMW-6-U	SMW-7-M	SMW-7-M	SMW-7-M	SMW-7-U	SMW-7-U	SMW-8-M	SMW-8-M	SMW-8-M
		Sample ID:	SMW-6-U-10Q4	SMW-7-M-10Q1	SMW-7-M-10Q2	SMW-7-M-10Q4	SMW-7-U-10Q1	SMW-7-U-10Q2	SMW-8-M-10Q1	BSVE-SVM-10Q2-006	SMW-8-M-10Q2
		Sample Depth:	5 - 10	20 - 25	20 - 25	20 - 25	5 - 10	5 - 10	20 - 25	20 - 25	20 - 25
		Sample Date:	11/3/2010	2/10/2010	5/11/2010	11/4/2010	2/10/2010	5/11/2010	2/10/2010	5/15/2010	5/15/2010
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	FD	REG
Analytical Method	**Analyte**	**Units**									
TO-15	1,1-Dichloroethane	µg/m3	< 4.5	< 5.3	< 14	< 4.6	< 9.8	< 12	**86**	**36**	**30**
TO-15	1,1-Dichloroethene	µg/m3	< 4.4	< 5.2	< 13	< 4.5	< 9.6	< 12	**24**	**5.2**	**4.6**
TO-15	1,2,4-Trimethylbenzene	µg/m3	**6.6**	**210**	**73**	< 5.6	**350**	**100 J**	< 4.6	**48**	**35**
TO-15	1,3,5-Trimethylbenzene	µg/m3	< 5.5	**68**	**17**	< 5.6	**120**	**24 J**	< 4.6	**9.5**	**7.4**
TO-15	Benzene	µg/m3	< 3.6	**21**	< 11	< 3.6	**38**	< 9.6	< 3	< 3.4	< 3.5
TO-15	Chloroethane	µg/m3	< 3	< 3.4	< 8.9	< 3	< 6.4	< 8	< 2.5	< 2.8	< 2.9
TO-15	Chloroform	µg/m3	< 5.5	< 6.4	< 16	< 5.5	< 12	< 15	**5.2**	< 5.2	< 5.4
TO-15	cis-1,2-Dichloroethene	µg/m3	< 4.4	< 5.2	< 13	< 4.5	< 9.6	< 12	< 3.7	< 4.2	< 4.4
TO-15	Ethylbenzene	µg/m3	< 4.9	**30**	< 15	< 4.9	**58**	< 13	< 4.1	**4.8**	< 4.8
TO-15	n-Hexane	µg/m3	< 3.9	**11**	< 12	< 4	**23**	< 11	< 3.3	< 3.8	< 3.9
TO-15	o-Xylene	µg/m3	< 4.9	**17**	< 15	< 4.9	**33**	< 13	< 4.1	< 4.6	< 4.8
TO-15	Methyl tert-butyl ether	µg/m3	< 4	< 4.7	< 12	< 4.1	< 8.7	< 11	< 3.4	< 3.8	< 4
TO-15	Tetrachloroethene	µg/m3	< 7.6	< 8.9	< 23	< 7.7	< 16	< 20	**85**	**47**	**44**
TO-15	Toluene	µg/m3	**4.8**	**5.9**	< 13	< 4.3	< 9.1	< 11	**4.6**	< 4	< 4.2
TO-15	Trichloroethene	µg/m3	**20**	**14**	< 18	< 6.1	**26**	< 16	**180**	**75**	**68**
TO-15	Vinyl chloride	µg/m3	< 2.9	< 3.3	< 8.6	< 2.9	< 6.2	< 7.7	< 2.4	< 2.7	< 2.8
TO-15	m & p-Xylene	µg/m3	< 4.9	**85**	**25**	< 4.9	**160**	**29 J**	< 4.1	**12 J**	**7.7 J**
TO-15	Total xylenes	µg/m3	< 9.7	**100**	**25**	< 9.9	**190**	**29 J**	< 8.1	**12 J**	**7.7 J**

Notes:
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µg/m3 = micrograms per cubic meter
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ID = identifier
J = estimated
REG = normal sample
Bold Results = laboratory analytical results detected above the reporting limit

TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SMW-8-M	SMW-8-U	SMW-8-U	SMW-8-U	SMW-9-M	SMW-9-U	SVV-1	SVV-1	SVV-2	SVV-2
		Sample ID:	SMW-8-M-10Q4	SMW-8-U-10Q1	SMW-8-U-10Q2	SMW-8-U-10Q4	SMW-9-M-10Q2	SMW-9-U-10Q2	SVV-1-10Q1	SVV-1-10Q2	SVV-2-10Q1	SVV-2-10Q2
		Sample Depth:	20 - 25	5 - 9	5 - 9	5 - 9	20 - 25	5 - 10	4.75 - 5.25	4.75 - 5.25	5 - 5.5	5 - 5.5
		Sample Date:	11/18/2010	2/10/2010	5/15/2010	11/18/2010	5/15/2010	5/15/2010	2/16/2010	5/20/2010	2/17/2010	5/20/2010
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
TO-15	1,1-Dichloroethane	µg/m3	**15**	**7.3**	< 4.2	< 6	< 3.9	< 4	< 14	< 14	< 47	< 4.6
TO-15	1,1-Dichloroethene	µg/m3	< 5.4	< 3.8	< 4.1	< 5.8	< 3.9	< 3.9	< 14	< 14	< 46	< 4.5
TO-15	1,2,4-Trimethylbenzene	µg/m3	**98**	**5.7**	**110**	**93**	**40**	**56**	**990**	**220**	**920**	**69**
TO-15	1,3,5-Trimethylbenzene	µg/m3	**32**	< 4.8	**25**	**32**	**8.6**	**10**	**230**	**49**	**340**	**13**
TO-15	Benzene	µg/m3	< 4.3	< 3.1	< 3.3	< 4.7	< 3.1	< 3.2	< 11	**37**	< 37	**4.2**
TO-15	Chloroethane	µg/m3	< 3.6	< 2.6	< 2.7	< 3.9	< 2.6	< 2.6	< 9.2	< 9	< 31	< 3
TO-15	Chloroform	µg/m3	< 6.6	< 4.7	< 5	< 7.2	< 4.8	< 4.9	< 17	< 17	< 57	< 5.6
TO-15	cis-1,2-Dichloroethene	µg/m3	< 5.4	< 3.8	< 4.1	< 5.8	< 3.9	< 3.9	< 14	< 14	< 46	< 4.5
TO-15	Ethylbenzene	µg/m3	**8.6**	< 4.2	**11**	**8.2**	< 4.2	< 4.3	**120**	**24**	**130**	< 5
TO-15	n-Hexane	µg/m3	< 4.8	< 3.4	< 3.6	< 5.2	< 3.4	< 3.5	**97**	< 12	**55**	< 4
TO-15	o-Xylene	µg/m3	**10**	< 4.2	**5.8**	**9.1**	< 4.2	< 4.3	**34**	< 15	**57**	< 5
TO-15	Methyl tert-butyl ether	µg/m3	< 4.9	< 3.5	< 3.7	< 5.3	< 3.5	< 3.6	< 13	< 12	< 42	< 4.1
TO-15	Tetrachloroethene	µg/m3	**85**	**58**	**57**	**49**	< 6.6	< 6.7	< 24	< 23	< 79	< 7.7
TO-15	Toluene	µg/m3	< 5.1	< 3.7	**5.1**	< 5.6	< 3.7	< 3.7	< 13	< 13	< 44	< 4.3
TO-15	Trichloroethene	µg/m3	**81**	**24**	**15**	< 7.9	< 5.2	< 5.3	**28**	< 18	< 63	**8.2**
TO-15	Vinyl chloride	µg/m3	< 3.5	< 2.5	< 2.6	< 3.8	< 2.5	< 2.5	< 8.9	< 8.7	< 30	< 2.9
TO-15	m & p-Xylene	µg/m3	**36**	< 4.2	**34**	**34**	**9.6**	**14**	**400**	**85**	**360**	**15**
TO-15	Total xylenes	µg/m3	**47**	< 8.4	**39**	**43**	**9.6**	**14**	**430**	**85**	**410**	**15**

Notes:
< = less than
µg/m3 = micrograms per cubic meter
FD = field duplicate
ID = identifier
J = estimated
REG = normal sample
Bold Results = laboratory analytical results detected above the reporting limit

TABLE 1
Summary of Soil Gas Analytical Results Collected as Part of the Ongoing
Operations of the BSVE System
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SVV-3	SVV-3	SVV-4	SVV-4
		Sample ID:	SVV-3-10Q1	SVV-3-10Q2	SVV-4-10Q1	SVV-4-10Q2
		Sample Depth:	5 - 5.5	5 - 5.5	5 - 5.5	5 - 5.5
		Sample Date:	2/17/2010	5/20/2010	2/17/2010	5/20/2010
		Sample Purpose:	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**				
TO-15	1,1-Dichloroethane	µg/m3	< 12	< 4.5	< 12	< 4.4
TO-15	1,1-Dichloroethene	µg/m3	< 12	< 4.4	< 12	< 4.3
TO-15	1,2,4-Trimethylbenzene	µg/m3	**470**	**67**	**250**	**64**
TO-15	1,3,5-Trimethylbenzene	µg/m3	**170**	**14**	**86**	**13**
TO-15	Benzene	µg/m3	**19**	< 3.5	< 9.4	**12**
TO-15	Chloroethane	µg/m3	< 8	< 2.9	< 7.8	< 2.8
TO-15	Chloroform	µg/m3	< 15	< 5.4	< 14	< 5.2
TO-15	cis-1,2-Dichloroethene	µg/m3	< 12	< 4.4	< 12	< 4.3
TO-15	Ethylbenzene	µg/m3	**77**	< 4.8	**35**	< 4.7
TO-15	n-Hexane	µg/m3	**38**	< 3.9	**15**	< 3.8
TO-15	o-Xylene	µg/m3	**37**	< 4.8	**16**	< 4.7
TO-15	Methyl tert-butyl ether	µg/m3	< 11	< 4	< 11	< 3.9
TO-15	Tetrachloroethene	µg/m3	< 20	**17**	**37**	**25**
TO-15	Toluene	µg/m3	< 11	< 4.2	< 11	< 4.1
TO-15	Trichloroethene	µg/m3	< 16	< 5.9	< 16	**6**
TO-15	Vinyl chloride	µg/m3	< 7.7	< 2.8	< 7.5	< 2.7
TO-15	m & p-Xylene	µg/m3	**210**	**15**	**99**	**14**
TO-15	Total xylenes	µg/m3	**240**	**15**	**110**	**14**

Notes:
< = less than
µg/m3 = micrograms per cubic meter
FD = field duplicate
ID = identifier
J = estimated
REG = normal sample
Bold Results = laboratory analytical results detected above the reporting limit

Originator: Benny Pataray	*Benny Pataray* (Signature)
Checked by: Tasha Lewis	*Tasha Lewis* (Signature)
Approved by STC or PM: Tasha Lewis	*Tasha Lewis* (Signature)

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	BLDG302-01	BLDG302-01	BLDG302-02	BLDG302-02	BLDG302-03	BLDG302-03	BLDG302-04	BLDG302-04	BLDG302-05	BLDG302-05
		Sample ID:	BLDG302_01-10	BLDG302_01-15	BLDG302_02-05	BLDG302_02-10	BLDG302_03-05	BLDG302_03-10	BLDG302_04-05	BLDG302_04-10	BLDG302_05-05	BLDG302_05-10
		Sample Date:	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	1,1,1,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,1-Trichloroethane	µg/m3	<200	**310**	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichlorotrifluoroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	1,1-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,3-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,3-Trichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,4-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,4-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dibromo-3-chloropropane	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2-Dibromoethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3,5-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,4-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	4-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Benzene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Bromobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromochloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromodichloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromoform	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Butylbenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Carbon disulfide	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Carbon tetrachloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Chlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chlorodibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloroform	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	cis-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	cis-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dichlorodifluoromethane	µg/m3	<200	<200	**330**	**340**	**270**	**500**	<200	<200	<200	<200
SW8260B	Ethylbenzene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Hexachlorobutadiene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Isopropanol	µg/m3	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000
SW8260B	Isopropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	BLDG302-01	BLDG302-01	BLDG302-02	BLDG302-02	BLDG302-03	BLDG302-03	BLDG302-04	BLDG302-04	BLDG302-05	BLDG302-05
		Sample ID:	BLDG302_01-10	BLDG302_01-15	BLDG302_02-05	BLDG302_02-10	BLDG302_03-05	BLDG302_03-10	BLDG302_04-05	BLDG302_04-10	BLDG302_05-05	BLDG302_05-10
		Sample Date:	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/3/2009
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	Methylene chloride	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Naphthalene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	n-Nropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	o-Xylene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	p-Isopropyltoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	sec-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Styrene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	tert-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Tetrachloroethene	µg/m3	**970**	**620**	**1100**	**760**	**790**	**540**	**870**	**440**	**1100**	**720**
SW8260B	Toluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	trans-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	trans-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Trichloroethene	µg/m3	<100	<100	<100	<100	<100	**270**	**320**	**190**	**230**	**200**
SW8260B	Trichlorofluoromethane	µg/m3	<200	<200	**200**	**220**	<200	<200	<200	<200	<200	<200
SW8260B	Vinyl chloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	m & p-Xylene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	BLDG302-06	BLDG302-06	BLDG302-07	BLDG302-07	BLDG302-07	BLDG302-08	BLDG302-08	BLDG302-09	BLDG302-09	BLDG302-10
		Sample ID:	BLDG302_06-05	BLDG302_06-10	BLDG302_07-05	BLDG302_07-05-DUP1	BLDG302_07-10	BLDG302_08-05	BLDG302_08-10	BLDG302_09-05	BLDG302_09-10	BLDG302_10-05
		Sample Date:	6/3/2009	6/3/2009	6/4/2009	6/4/2009	6/4/2009	6/5/2009	6/5/2009	6/8/2009	6/8/2009	6/8/2009
		Sample Purpose:	REG	REG	REG	FD	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	1,1,1,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,1-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichlorotrifluoroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	**320**	<200	**840**
SW8260B	1,1-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	1,1-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,3-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,3-Trichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,4-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,4-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dibromo-3-chloropropane	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2-Dibromoethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3,5-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,4-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	4-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Benzene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Bromobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromochloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromodichloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromoform	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Butylbenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Carbon disulfide	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Carbon tetrachloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Chlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chlorodibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloroform	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	cis-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	cis-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dichlorodifluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Ethylbenzene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Hexachlorobutadiene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Isopropanol	µg/m3	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000
SW8260B	Isopropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	BLDG302-06	BLDG302-06	BLDG302-07	BLDG302-07	BLDG302-07	BLDG302-08	BLDG302-08	BLDG302-09	BLDG302-09	BLDG302-10
		Sample ID:	BLDG302_06-05	BLDG302_06-10	BLDG302_07-05	BLDG302_07-05-DUP1	BLDG302_07-10	BLDG302_08-05	BLDG302_08-10	BLDG302_09-05	BLDG302_09-10	BLDG302_10-05
		Sample Date:	6/3/2009	6/3/2009	6/4/2009	6/4/2009	6/4/2009	6/5/2009	6/5/2009	6/8/2009	6/8/2009	6/8/2009
		Sample Purpose:	REG	REG	REG	FD	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	Methylene chloride	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Naphthalene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	n-Nropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	o-Xylene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	p-Isopropyltoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	sec-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Styrene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	tert-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Tetrachloroethene	µg/m3	**1200**	**630**	**840 J**	**340 J**	**600**	**770**	**400**	**630**	**370**	**500**
SW8260B	Toluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	trans-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	trans-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Trichloroethene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Trichlorofluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Vinyl chloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	m & p-Xylene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	BLDG302-10	BLDG302-11	BLDG302-11	BLDG302-12	BLDG302-12	BLDG302-13	BLDG302-13	BLDG302-13	BLDG302-14	BLDG302-14
		Sample ID:	BLDG302_10-10	BLDG302_11-05	BLDG302_11-10	BLDG302_12-05	BLDG302_12-10	BLDG302_13-05	BLDG302_13-10	BLDG302_13-10-DUP1	BLDG302_14-05	BLDG302_14-10
		Sample Date:	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/9/2009	6/9/2009
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	FD	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	1,1,1,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,1-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	**290**
SW8260B	1,1,2,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichlorotrifluoroethane	µg/m3	**420**	**990**	<200	**1600**	**1100**	**2600**	**1600 J**	**2200 J**	<200	<200
SW8260B	1,1-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	1,1-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,3-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,3-Trichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,4-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,4-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dibromo-3-chloropropane	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2-Dibromoethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3,5-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,4-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	4-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Benzene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Bromobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromochloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromodichloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromoform	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Butylbenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Carbon disulfide	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Carbon tetrachloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Chlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chlorodibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloroform	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	cis-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	cis-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dichlorodifluoromethane	µg/m3	<200	<200	<200	<200	<200	**310**	**220 J**	**300 J**	<200	<200
SW8260B	Ethylbenzene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Hexachlorobutadiene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Isopropanol	µg/m3	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000
SW8260B	Isopropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	BLDG302-10	BLDG302-11	BLDG302-11	BLDG302-12	BLDG302-12	BLDG302-13	BLDG302-13	BLDG302-13	BLDG302-14	BLDG302-14
		Sample ID:	BLDG302_10-10	BLDG302_11-05	BLDG302_11-10	BLDG302_12-05	BLDG302_12-10	BLDG302_13-05	BLDG302_13-10	BLDG302_13-10-DUP1	BLDG302_14-05	BLDG302_14-10
		Sample Date:	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/9/2009	6/9/2009
		Sample Purpose:	REG	REG	REG	REG	REG	REG	REG	FD	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	Methylene chloride	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Naphthalene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	n-Nropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	o-Xylene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	p-Isopropyltoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	sec-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Styrene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	tert-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Tetrachloroethene	µg/m3	**260**	**400**	**230**	**630**	**340**	**650**	**260**	**200**	**310**	**340 J**
SW8260B	Toluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	trans-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	trans-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Trichloroethene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Trichlorofluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Vinyl chloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	m & p-Xylene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	BLDG302-14	BLDG302-15	BLDG302-15	BLDG302-16	BLDG302-16	BLDG302-17	BLDG302-17	BLDG302-18	BLDG302-18	SS_1-10-01
		Sample ID:	BLDG302_14-10-DUP1	BLDG302_15-05	BLDG302_15-07	BLDG302_16-05	BLDG302_16-10	BLDG302_17-05	BLDG302_17-08	BLDG302_18-05	BLDG302_18-08	SS_1-10-01-05
		Sample Date:	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/5/2009
		Sample Purpose:	FD	REG	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	1,1,1,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,1-Trichloroethane	µg/m3	**350**	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichlorotrifluoroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	**390**	**680**	<200
SW8260B	1,1-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	1,1-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,3-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,3-Trichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,4-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,4-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dibromo-3-chloropropane	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2-Dibromoethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3,5-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,4-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	4-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Benzene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Bromobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromochloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromodichloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromoform	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Butylbenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Carbon disulfide	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Carbon tetrachloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Chlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chlorodibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloroform	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	cis-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	cis-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dichlorodifluoromethane	µg/m3	<200	<200	<200	**240**	**240**	**240**	**240**	**250**	**340**	<200
SW8260B	Ethylbenzene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Hexachlorobutadiene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Isopropanol	µg/m3	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000
SW8260B	Isopropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	BLDG302-14	BLDG302-15	BLDG302-15	BLDG302-16	BLDG302-16	BLDG302-17	BLDG302-17	BLDG302-18	BLDG302-18	SS_1-10-01
		Sample ID:	BLDG302_14-10-DUP1	BLDG302_15-05	BLDG302_15-07	BLDG302_16-05	BLDG302_16-10	BLDG302_17-05	BLDG302_17-08	BLDG302_18-05	BLDG302_18-08	SS_1-10-01-05
		Sample Date:	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/9/2009	6/5/2009
		Sample Purpose:	FD	REG	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	Methylene chloride	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Naphthalene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	n-Nropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	o-Xylene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	p-Isopropyltoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	sec-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Styrene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	tert-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Tetrachloroethene	µg/m3	**110 J**	**480**	**300**	**250**	**190**	**340**	**150**	**590**	**240**	**250**
SW8260B	Toluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	trans-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	trans-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Trichloroethene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Trichlorofluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Vinyl chloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	m & p-Xylene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_1-10-01	SS_1-10-01	SS_1-10-02	SS_1-10-02	SS_1-9-01	SS_1-9-01	SS_1-9-01	SS_1-9-02	SS_1-9-02	SS_1-9-02	SS_1-9-02
		Sample ID:	SS_1-10-01-08	SS_1-10-01-08-DUP1	SS_1-10-02-05	SS_1-10-02-08	SS_1-9-01-05	SS_1-9-01-07	SS_1-9-01-07-DUP1	SS_1-9-02-05	SS_1-9-02-05B	SS_1-9-02-08	SS_1-9-02-08B
		Sample Date:	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009
		Sample Purpose:	REG	FD	REG	REG	REG	REG	FD	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**											
SW8260B	1,1,1,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,1-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichlorotrifluoroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	1,1-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,3-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,3-Trichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,4-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,4-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dibromo-3-chloropropane	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2-Dibromoethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3,5-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,4-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	4-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Benzene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Bromobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromochloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromodichloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromoform	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Butylbenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Carbon disulfide	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Carbon tetrachloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Chlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chlorodibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloroform	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	cis-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	cis-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dichlorodifluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Ethylbenzene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Hexachlorobutadiene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Isopropanol	µg/m3	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000
SW8260B	Isopropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_1-10-01	SS_1-10-01	SS_1-10-02	SS_1-10-02	SS_1-9-01	SS_1-9-01	SS_1-9-01	SS_1-9-02	SS_1-9-02	SS_1-9-02	SS_1-9-02
		Sample ID:	SS_1-10-01-08	SS_1-10-01-08-DUP1	SS_1-10-02-05	SS_1-10-02-08	SS_1-9-01-05	SS_1-9-01-07	SS_1-9-01-07-DUP1	SS_1-9-02-05	SS_1-9-02-05B	SS_1-9-02-08	SS_1-9-02-08B
		Sample Date:	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009	6/5/2009
		Sample Purpose:	REG	FD	REG	REG	REG	REG	FD	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**											
SW8260B	Methylene chloride	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Naphthalene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	n-Nropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	o-Xylene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	p-Isopropyltoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	sec-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Styrene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	tert-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Tetrachloroethene	µg/m3	**190**	<100	**320**	**390**	**280**	**350 J**	**120 J**	**470**	**260**	**210**	**120**
SW8260B	Toluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	trans-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	trans-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Trichloroethene	µg/m3	<100	<100	<100	**210**	<100	<100	<100	<100	<100	<100	<100
SW8260B	Trichlorofluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Vinyl chloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	m & p-Xylene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_2-50-01	SS_2-50-01	SS_2-50-01	SS_2-51-01	SS_2-51-01	SS_2-51-02	SS_2-51-02	SS_2-68-01	SS_2-68-01	SS_2-68-02
		Sample ID:	SS_2-50-01-05	SS_2-50-01-05-DUP1	SS_2-50-01-08	SS_2-51-01-05	SS_2-51-01-10	SS_2-51-02-05	SS_2-51-02-09	SS_2-68-01-05.5	SS_2-68-01-10	SS_2-68-02-05
		Sample Date:	6/4/2009	6/4/2009	6/4/2009	6/4/2009	6/4/2009	6/5/2009	6/5/2009	6/4/2009	6/4/2009	6/9/2009
		Sample Purpose:	REG	FD	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	1,1,1,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,1-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichlorotrifluoroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	1,1-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,3-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,3-Trichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,4-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,4-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dibromo-3-chloropropane	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2-Dibromoethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3,5-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,4-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	4-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Benzene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Bromobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromochloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromodichloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromoform	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Butylbenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Carbon disulfide	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Carbon tetrachloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Chlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chlorodibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloroform	µg/m3	<200	<200	<200	<200	**310**	**330**	**440**	<200	<200	<200
SW8260B	Chloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	cis-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	**450**	<200	<200	<200	<200
SW8260B	cis-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dichlorodifluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Ethylbenzene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Hexachlorobutadiene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Isopropanol	µg/m3	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000
SW8260B	Isopropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_2-50-01	SS_2-50-01	SS_2-50-01	SS_2-51-01	SS_2-51-01	SS_2-51-02	SS_2-51-02	SS_2-68-01	SS_2-68-01	SS_2-68-02
		Sample ID:	SS_2-50-01-05	SS_2-50-01-05-DUP1	SS_2-50-01-08	SS_2-51-01-05	SS_2-51-01-10	SS_2-51-02-05	SS_2-51-02-09	SS_2-68-01-05.5	SS_2-68-01-10	SS_2-68-02-05
		Sample Date:	6/4/2009	6/4/2009	6/4/2009	6/4/2009	6/4/2009	6/5/2009	6/5/2009	6/4/2009	6/4/2009	6/9/2009
		Sample Purpose:	REG	FD	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	Methylene chloride	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Naphthalene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	n-Nropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	o-Xylene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	p-Isopropyltoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	sec-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Styrene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	tert-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Tetrachloroethene	µg/m3	**510 J**	**280 J**	**460**	**740**	**360**	**370**	**210**	**660**	**640**	**420 J**
SW8260B	Toluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	trans-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	trans-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Trichloroethene	µg/m3	<100	<100	<100	<100	**200**	**210**	<100	<100	<100	<100
SW8260B	Trichlorofluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Vinyl chloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	m & p-Xylene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_2-68-02	SS_2-68-02	SS_2-69-01	SS_2-69-01	SS_2-69-01	SS_2-69-02	SS_2-69-02	SS_2-69-03	SS_2-69-03	SS_2-69-04	SS_2-69-04
		Sample ID:	SS_2-68-02-05-DUP1	SS_2-68-02-09	SS_2-69-01-05	SS_2-69-01-05B	SS_2-69-01-08B	SS_2-69-02-05	SS_2-69-02-10	SS_2-69-03-05	SS_2-69-03-10	SS_2-69-04-05	SS_2-69-04-10
		Sample Date:	6/9/2009	6/9/2009	6/4/2009	6/5/2009	6/5/2009	6/4/2009	6/4/2009	6/4/2009	6/4/2009	6/4/2009	6/4/2009
		Sample Purpose:	FD	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**											
SW8260B	1,1,1,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,1-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichlorotrifluoroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	1,1-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,3-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,3-Trichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,4-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,4-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dibromo-3-chloropropane	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2-Dibromoethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3,5-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,4-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	4-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Benzene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Bromobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromochloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromodichloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromoform	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Butylbenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Carbon disulfide	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Carbon tetrachloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Chlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chlorodibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloroform	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	cis-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	cis-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dichlorodifluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Ethylbenzene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Hexachlorobutadiene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Isopropanol	µg/m3	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000
SW8260B	Isopropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_2-68-02	SS_2-68-02	SS_2-69-01	SS_2-69-01	SS_2-69-01	SS_2-69-02	SS_2-69-02	SS_2-69-03	SS_2-69-03	SS_2-69-04	SS_2-69-04
		Sample ID:	SS_2-68-02-05-DUP1	SS_2-68-02-09	SS_2-69-01-05	SS_2-69-01-05B	SS_2-69-01-08B	SS_2-69-02-05	SS_2-69-02-10	SS_2-69-03-05	SS_2-69-03-10	SS_2-69-04-05	SS_2-69-04-10
		Sample Date:	6/9/2009	6/9/2009	6/4/2009	6/5/2009	6/5/2009	6/4/2009	6/4/2009	6/4/2009	6/4/2009	6/4/2009	6/4/2009
		Sample Purpose:	FD	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**											
SW8260B	Methylene chloride	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Naphthalene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	n-Nropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	o-Xylene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	p-Isopropyltoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	sec-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Styrene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	tert-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Tetrachloroethene	µg/m3	<100	**220**	**540**	**560**	**240**	**440**	**300**	**510**	**300**	**680**	**380**
SW8260B	Toluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	trans-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	trans-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Trichloroethene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Trichlorofluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Vinyl chloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	m & p-Xylene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_3-6-01	SS_3-6-01	SS_3-6-02	SS_3-6-02	SS_3-6-02	SS_4-2-01	SS_4-2-01	SS_4-2-02A	SS_4-2-02B	SS_4-29-01	SS_4-29-01
		Sample ID:	SS_3-6-01-05	SS_3-6-01-08	SS_3-6-02-05	SS_3-6-02-10	SS_3-6-02-10-DUP1	SS_4-2-01-05	SS_4-2-01-07.5	SS_4-2-02-05.5	SS_4-2-02-10	SS_4-29-01-05	SS_4-29-01-10
		Sample Date:	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/2/2009	6/2/2009	6/3/2009	6/9/2009	6/9/2009	6/9/2009
		Sample Purpose:	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**											
SW8260B	1,1,1,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,1-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichlorotrifluoroethane	µg/m3	**2400**	**2200**	**1400**	**990 J**	**1600 J**	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	**240**	<200	<200	<200	<200
SW8260B	1,1-Dichloroethene	µg/m3	<100	<100	<100	<100	<100	**440**	**650**	**410**	**170**	<100	<100
SW8260B	1,1-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,3-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,3-Trichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,4-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,4-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dibromo-3-chloropropane	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2-Dibromoethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3,5-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,4-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	4-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Benzene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Bromobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromochloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromodichloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromoform	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Butylbenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Carbon disulfide	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Carbon tetrachloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Chlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chlorodibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloroform	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	cis-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	cis-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dichlorodifluoromethane	µg/m3	**590**	**610**	**510**	**330 J**	**550 J**	<200	<200	<200	<200	<200	<200
SW8260B	Ethylbenzene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Hexachlorobutadiene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Isopropanol	µg/m3	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000
SW8260B	Isopropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_3-6-01	SS_3-6-01	SS_3-6-02	SS_3-6-02	SS_3-6-02	SS_4-2-01	SS_4-2-01	SS_4-2-02A	SS_4-2-02B	SS_4-29-01	SS_4-29-01
		Sample ID:	SS_3-6-01-05	SS_3-6-01-08	SS_3-6-02-05	SS_3-6-02-10	SS_3-6-02-10-DUP1	SS_4-2-01-05	SS_4-2-01-07.5	SS_4-2-02-05.5	SS_4-2-02-10	SS_4-29-01-05	SS_4-29-01-10
		Sample Date:	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/8/2009	6/2/2009	6/2/2009	6/3/2009	6/9/2009	6/9/2009	6/9/2009
		Sample Purpose:	REG	REG	REG	REG	FD	REG	REG	REG	REG	REG	REG
Analytical Method	**Analyte**	**Units**											
SW8260B	Methylene chloride	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Naphthalene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	n-Nropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	o-Xylene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	p-Isopropyltoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	sec-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Styrene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	tert-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Tetrachloroethene	µg/m3	**430**	**570**	**460**	**480 J**	**200 J**	**750**	**1200**	**640**	**410**	**400**	**190**
SW8260B	Toluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	trans-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	trans-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Trichloroethene	µg/m3	<100	<100	<100	<100	<100	**870**	**1700**	**1300**	**490**	<100	<100
SW8260B	Trichlorofluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Vinyl chloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	m & p-Xylene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_4-4-01	SS_4-4-01	SS_4-4-01	SS_4-4-01	SS_4-4-02	SS_4-4-02	SS_4-4-02	SS_4-7-01	SS_4-7-01	SS_4-7-01
		Sample ID:	SS_4-4-01-05	SS_4-4-01-10-1PV	SS_4-4-01-10-3PV	SS_4-4-01-10-7PV	SS_4-4-02-05	SS_4-4-02-10	SS_4-4-02-10-DUP1	SS_4-7-01-06-1PV	SS_4-7-01-06-3PV	SS_4-7-01-06-7PV
		Sample Date:	6/2/2009	6/2/2009	6/2/2009	6/2/2009	6/3/2009	6/3/2009	6/3/2009	6/2/2009	6/2/2009	6/2/2009
		Sample Purpose:	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	1,1,1,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,1-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2,2-Tetrachloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1,2-Trichlorotrifluoroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethane	µg/m3	<200	**230**	<200	**220**	<200	<200	<200	<200	<200	<200
SW8260B	1,1-Dichloroethene	µg/m3	**510**	**790**	**770**	**760**	<100	**260**	**330**	<100	<100	<100
SW8260B	1,1-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,3-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,3-Trichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2,4-Trichlorobenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2,4-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dibromo-3-chloropropane	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	1,2-Dibromoethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,2-Dichloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	1,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3,5-Trimethylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,3-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	1,4-Dichlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2,2-Dichloropropane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	2-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	4-Chlorotoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Benzene	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Bromobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromochloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromodichloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromoform	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Bromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Butylbenzene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Carbon disulfide	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Carbon tetrachloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	Chlorobenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chlorodibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Chloroethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloroform	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Chloromethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	cis-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	cis-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dibromomethane	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Dichlorodifluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Ethylbenzene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Hexachlorobutadiene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	Isopropanol	µg/m3	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000	<10000
SW8260B	Isopropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_4-4-01	SS_4-4-01	SS_4-4-01	SS_4-4-01	SS_4-4-02	SS_4-4-02	SS_4-4-02	SS_4-7-01	SS_4-7-01	SS_4-7-01
		Sample ID:	SS_4-4-01-05	SS_4-4-01-10-1PV	SS_4-4-01-10-3PV	SS_4-4-01-10-7PV	SS_4-4-02-05	SS_4-4-02-10	SS_4-4-02-10-DUP1	SS_4-7-01-06-1PV	SS_4-7-01-06-3PV	SS_4-7-01-06-7PV
		Sample Date:	6/2/2009	6/2/2009	6/2/2009	6/2/2009	6/3/2009	6/3/2009	6/3/2009	6/2/2009	6/2/2009	6/2/2009
		Sample Purpose:	REG	REG	REG	REG	REG	REG	FD	REG	REG	REG
Analytical Method	**Analyte**	**Units**										
SW8260B	Methylene chloride	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Naphthalene	µg/m3	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
SW8260B	n-Nropylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	o-Xylene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	p-Isopropyltoluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	sec-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Styrene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	tert-Butylbenzene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Tetrachloroethene	µg/m3	**1100**	**1300**	**910**	**750**	**550**	**950 J**	**340 J**	**1300**	**1100**	**850 J**
SW8260B	Toluene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	trans-1,2-Dichloroethene	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	trans-1,3-Dichloropropene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
SW8260B	Trichloroethene	µg/m3	**960**	**1800**	**1800**	**1700**	**140**	**650**	**810**	<100	<100	<100
SW8260B	Trichlorofluoromethane	µg/m3	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
SW8260B	Vinyl chloride	µg/m3	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SW8260B	m & p-Xylene	µg/m3	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_4-7-01
		Sample ID:	SS_4-7-01-06-7PV-DUP1
		Sample Date:	6/2/2009
		Sample Purpose:	FD
Analytical Method	**Analyte**	**Units**	
SW8260B	1,1,1,2-Tetrachloroethane	µg/m3	<200
SW8260B	1,1,1-Trichloroethane	µg/m3	<200
SW8260B	1,1,2,2-Tetrachloroethane	µg/m3	<200
SW8260B	1,1,2-Trichloroethane	µg/m3	<200
SW8260B	1,1,2-Trichlorotrifluoroethane	µg/m3	<200
SW8260B	1,1-Dichloroethane	µg/m3	<200
SW8260B	1,1-Dichloroethene	µg/m3	<100
SW8260B	1,1-Dichloropropene	µg/m3	<500
SW8260B	1,2,3-Trichlorobenzene	µg/m3	<1000
SW8260B	1,2,3-Trichloropropane	µg/m3	<500
SW8260B	1,2,4-Trichlorobenzene	µg/m3	<1000
SW8260B	1,2,4-Trimethylbenzene	µg/m3	<500
SW8260B	1,2-Dibromo-3-chloropropane	µg/m3	<1000
SW8260B	1,2-Dibromoethane	µg/m3	<500
SW8260B	1,2-Dichlorobenzene	µg/m3	<500
SW8260B	1,2-Dichloroethane	µg/m3	<200
SW8260B	1,2-Dichloropropane	µg/m3	<500
SW8260B	1,3,5-Trimethylbenzene	µg/m3	<500
SW8260B	1,3-Dichlorobenzene	µg/m3	<500
SW8260B	1,3-Dichloropropane	µg/m3	<500
SW8260B	1,4-Dichlorobenzene	µg/m3	<500
SW8260B	2,2-Dichloropropane	µg/m3	<500
SW8260B	2-Chlorotoluene	µg/m3	<500
SW8260B	4-Chlorotoluene	µg/m3	<500
SW8260B	Benzene	µg/m3	<100
SW8260B	Bromobenzene	µg/m3	<500
SW8260B	Bromochloromethane	µg/m3	<500
SW8260B	Bromodichloromethane	µg/m3	<500
SW8260B	Bromoform	µg/m3	<500
SW8260B	Bromomethane	µg/m3	<500
SW8260B	Butylbenzene	µg/m3	<1000
SW8260B	Carbon disulfide	µg/m3	<500
SW8260B	Carbon tetrachloride	µg/m3	<100
SW8260B	Chlorobenzene	µg/m3	<500
SW8260B	Chlorodibromomethane	µg/m3	<500
SW8260B	Chloroethane	µg/m3	<200
SW8260B	Chloroform	µg/m3	<200
SW8260B	Chloromethane	µg/m3	<500
SW8260B	cis-1,2-Dichloroethene	µg/m3	<200
SW8260B	cis-1,3-Dichloropropene	µg/m3	<500
SW8260B	Dibromomethane	µg/m3	<500
SW8260B	Dichlorodifluoromethane	µg/m3	<200
SW8260B	Ethylbenzene	µg/m3	<200
SW8260B	Hexachlorobutadiene	µg/m3	<1000
SW8260B	Isopropanol	µg/m3	<10000
SW8260B	Isopropylbenzene	µg/m3	<500

TABLE 2
Summary of Soil Gas Analytical Results Collected as Part of the FFS Work Plan
Honeywell 34th Street Facility, Phoenix, Arizona

		Location ID:	SS_4-7-01
		Sample ID:	SS_4-7-01-06-7PV-DUP1
		Sample Date:	6/2/2009
		Sample Purpose:	FD
Analytical Method	**Analyte**	**Units**	
SW8260B	Methylene chloride	µg/m3	<200
SW8260B	Naphthalene	µg/m3	<1000
SW8260B	n-Nropylbenzene	µg/m3	<500
SW8260B	o-Xylene	µg/m3	<200
SW8260B	p-Isopropyltoluene	µg/m3	<500
SW8260B	sec-Butylbenzene	µg/m3	<500
SW8260B	Styrene	µg/m3	<500
SW8260B	tert-Butylbenzene	µg/m3	<500
SW8260B	Tetrachloroethene	µg/m3	**370 J**
SW8260B	Toluene	µg/m3	<500
SW8260B	trans-1,2-Dichloroethene	µg/m3	<200
SW8260B	trans-1,3-Dichloropropene	µg/m3	<500
SW8260B	Trichloroethene	µg/m3	<100
SW8260B	Trichlorofluoromethane	µg/m3	<200
SW8260B	Vinyl chloride	µg/m3	<100
SW8260B	m & p-Xylene	µg/m3	<500

Notes:
< = less than
µg/m3 = micrograms per cubic meter
FD = field duplicate
ID = identifier
J = estimated
REG = normal sample
Bold Results = laboratory analytical results detected above the reporting limit

Originator: Benny Pataray	*Benny Pataray* (Signature)
Checked by: Tasha Lewis	*Tasha Lewis* (Signature)
Approved by STC or PM: Tasha Lewis	*Tasha Lewis* (Signature)

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
P-24-U	P-24-U-10Q4	REG	11/17/2010	12	TO-15	1,1-Dichloroethane	ug/m3	4.9	U	13000	No	6400	No
P-24-U	P-24-U-10Q4	REG	11/17/2010	12	TO-15	1,1-Dichloroethene	ug/m3	4.8	U	1300000	No	730000	No
P-24-U	P-24-U-10Q4	REG	11/17/2010	12	TO-15	Benzene	ug/m3	3.9	U	2400	No	1300	No
P-24-U	P-24-U-10Q4	REG	11/17/2010	12	TO-15	Chloroethane	ug/m3	3.2	U	46000000	No	NA	NA
P-24-U	P-24-U-10Q4	REG	11/17/2010	12	TO-15	Chloroform	ug/m3	5.9	U	760	No	440	No
P-24-U	P-24-U-10Q4	REG	11/17/2010	12	TO-15	cis-1,2-Dichloroethene	ug/m3	4.8	U	NA	NA	220000	No
P-24-U	P-24-U-10Q4	REG	11/17/2010	12	TO-15	Ethylbenzene	ug/m3	54		8100	No	4100	No
P-24-U	P-24-U-10Q4	REG	11/17/2010	12	TO-15	Tetrachloroethene	ug/m3	8.2	U	3500	No	1800	No
P-24-U	P-24-U-10Q4	REG	11/17/2010	12	TO-15	Toluene	ug/m3	4.6	U	34000000	No	18000000	No
P-24-U	P-24-U-10Q4	REG	11/17/2010	12	TO-15	Trichloroethene	ug/m3	6.5	U	9900	No	5100	No
P-24-U	P-24-U-10Q4	REG	11/17/2010	12	TO-15	Vinyl chloride	ug/m3	3.1	U	3900	No	2300	No
P-24-U	P-24-U-11Q1	REG	2/2/2011	12	TO-15	1,1-Dichloroethane	ug/m3	4.6	U	13000	No	6400	No
P-24-U	P-24-U-11Q1	REG	2/2/2011	12	TO-15	1,1-Dichloroethene	ug/m3	4.5	U	1300000	No	730000	No
P-24-U	P-24-U-11Q1	REG	2/2/2011	12	TO-15	Benzene	ug/m3	3.6	U	2400	No	1300	No
P-24-U	P-24-U-11Q1	REG	2/2/2011	12	TO-15	Chloroethane	ug/m3	3	U	46000000	No	NA	NA
P-24-U	P-24-U-11Q1	REG	2/2/2011	12	TO-15	Chloroform	ug/m3	5.5	U	760	No	440	No
P-24-U	P-24-U-11Q1	REG	2/2/2011	12	TO-15	cis-1,2-Dichloroethene	ug/m3	4.5	U	NA	NA	220000	No
P-24-U	P-24-U-11Q1	REG	2/2/2011	12	TO-15	Ethylbenzene	ug/m3	4.9	U	8100	No	4100	No
P-24-U	P-24-U-11Q1	REG	2/2/2011	12	TO-15	Tetrachloroethene	ug/m3	7.7	U	3500	No	1800	No
P-24-U	P-24-U-11Q1	REG	2/2/2011	12	TO-15	Toluene	ug/m3	4.3	U	34000000	No	18000000	No
P-24-U	P-24-U-11Q1	REG	2/2/2011	12	TO-15	Trichloroethene	ug/m3	6.1	U	9900	No	5100	No
P-24-U	P-24-U-11Q1	REG	2/2/2011	12	TO-15	Vinyl chloride	ug/m3	2.9	U	3900	No	2300	No
P-25-U	P-25-U-10Q4	REG	11/23/2010	12	TO-15	1,1-Dichloroethane	ug/m3	5.9	U	13000	No	6400	No
P-25-U	P-25-U-10Q4	REG	11/23/2010	12	TO-15	1,1-Dichloroethene	ug/m3	5.8	U	1300000	No	730000	No
P-25-U	P-25-U-10Q4	REG	11/23/2010	12	TO-15	Benzene	ug/m3	7.8		2400	No	1300	No
P-25-U	P-25-U-10Q4	REG	11/23/2010	12	TO-15	Chloroethane	ug/m3	3.9	U	46000000	No	NA	NA
P-25-U	P-25-U-10Q4	REG	11/23/2010	12	TO-15	Chloroform	ug/m3	7.2	U	760	No	440	No
P-25-U	P-25-U-10Q4	REG	11/23/2010	12	TO-15	cis-1,2-Dichloroethene	ug/m3	5.8	U	NA	NA	220000	No
P-25-U	P-25-U-10Q4	REG	11/23/2010	12	TO-15	Ethylbenzene	ug/m3	14		8100	No	4100	No
P-25-U	P-25-U-10Q4	REG	11/23/2010	12	TO-15	Tetrachloroethene	ug/m3	81		3500	No	1800	No
P-25-U	P-25-U-10Q4	REG	11/23/2010	12	TO-15	Toluene	ug/m3	17		34000000	No	18000000	No
P-25-U	P-25-U-10Q4	REG	11/23/2010	12	TO-15	Trichloroethene	ug/m3	31		9900	No	5100	No
P-25-U	P-25-U-10Q4	REG	11/23/2010	12	TO-15	Vinyl chloride	ug/m3	3.8	U	3900	No	2300	No
P-25-U	P-25-U-11Q1	REG	2/2/2011	12	TO-15	1,1-Dichloroethane	ug/m3	5.1	U	13000	No	6400	No
P-25-U	P-25-U-11Q1	REG	2/2/2011	12	TO-15	1,1-Dichloroethene	ug/m3	5	U	1300000	No	730000	No
P-25-U	P-25-U-11Q1	REG	2/2/2011	12	TO-15	Benzene	ug/m3	5.8		2400	No	1300	No
P-25-U	P-25-U-11Q1	REG	2/2/2011	12	TO-15	Chloroethane	ug/m3	3.3	U	46000000	No	NA	NA
P-25-U	P-25-U-11Q1	REG	2/2/2011	12	TO-15	Chloroform	ug/m3	6.2	U	760	No	440	No
P-25-U	P-25-U-11Q1	REG	2/2/2011	12	TO-15	cis-1,2-Dichloroethene	ug/m3	5	U	NA	NA	220000	No
P-25-U	P-25-U-11Q1	REG	2/2/2011	12	TO-15	Ethylbenzene	ug/m3	10		8100	No	4100	No
P-25-U	P-25-U-11Q1	REG	2/2/2011	12	TO-15	Tetrachloroethene	ug/m3	35		3500	No	1800	No
P-25-U	P-25-U-11Q1	REG	2/2/2011	12	TO-15	Toluene	ug/m3	4.7	U	34000000	No	18000000	No
P-25-U	P-25-U-11Q1	REG	2/2/2011	12	TO-15	Trichloroethene	ug/m3	7.5		9900	No	5100	No
P-25-U	P-25-U-11Q1	REG	2/2/2011	12	TO-15	Vinyl chloride	ug/m3	3.2	U	3900	No	2300	No
P-26-U	P-26-U-10Q4	REG	11/24/2010	10.25	TO-15	1,1-Dichloroethane	ug/m3	5.4	U	13000	No	6400	No
P-26-U	P-26-U-10Q4	REG	11/24/2010	10.25	TO-15	1,1-Dichloroethene	ug/m3	5.3	U	1300000	No	730000	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
P-26-U	P-26-U-10Q4	REG	11/24/2010	10.25	TO-15	Benzene	ug/m3	4.3	U	2400	No	1300	No
P-26-U	P-26-U-10Q4	REG	11/24/2010	10.25	TO-15	Chloroethane	ug/m3	3.5	U	46000000	No	NA	NA
P-26-U	P-26-U-10Q4	REG	11/24/2010	10.25	TO-15	Chloroform	ug/m3	6.6	U	760	No	440	No
P-26-U	P-26-U-10Q4	REG	11/24/2010	10.25	TO-15	cis-1,2-Dichloroethene	ug/m3	5.3	U	NA	NA	220000	No
P-26-U	P-26-U-10Q4	REG	11/24/2010	10.25	TO-15	Ethylbenzene	ug/m3	5.8	U	8100	No	4100	No
P-26-U	P-26-U-10Q4	REG	11/24/2010	10.25	TO-15	Tetrachloroethene	ug/m3	9.1	U	3500	No	1800	No
P-26-U	P-26-U-10Q4	REG	11/24/2010	10.25	TO-15	Toluene	ug/m3	5.1	U	34000000	No	18000000	No
P-26-U	P-26-U-10Q4	REG	11/24/2010	10.25	TO-15	Trichloroethene	ug/m3	7.2	U	9900	No	5100	No
P-26-U	P-26-U-10Q4	REG	11/24/2010	10.25	TO-15	Vinyl chloride	ug/m3	3.4	U	3900	No	2300	No
P-26-U	P-26-U-11Q1	REG	2/2/2011	10.25	TO-15	1,1-Dichloroethane	ug/m3	5.1	U	13000	No	6400	No
P-26-U	P-26-U-11Q1	REG	2/2/2011	10.25	TO-15	1,1-Dichloroethene	ug/m3	5	U	1300000	No	730000	No
P-26-U	P-26-U-11Q1	REG	2/2/2011	10.25	TO-15	Benzene	ug/m3	5.7		2400	No	1300	No
P-26-U	P-26-U-11Q1	REG	2/2/2011	10.25	TO-15	Chloroethane	ug/m3	3.3	U	46000000	No	NA	NA
P-26-U	P-26-U-11Q1	REG	2/2/2011	10.25	TO-15	Chloroform	ug/m3	6.1	U	760	No	440	No
P-26-U	P-26-U-11Q1	REG	2/2/2011	10.25	TO-15	cis-1,2-Dichloroethene	ug/m3	5	U	NA	NA	220000	No
P-26-U	P-26-U-11Q1	REG	2/2/2011	10.25	TO-15	Ethylbenzene	ug/m3	5.4	U	8100	No	4100	No
P-26-U	P-26-U-11Q1	REG	2/2/2011	10.25	TO-15	Tetrachloroethene	ug/m3	8.5	U	3500	No	1800	No
P-26-U	P-26-U-11Q1	REG	2/2/2011	10.25	TO-15	Toluene	ug/m3	4.7	U	34000000	No	18000000	No
P-26-U	P-26-U-11Q1	REG	2/2/2011	10.25	TO-15	Trichloroethene	ug/m3	6.7	U	9900	No	5100	No
P-26-U	P-26-U-11Q1	REG	2/2/2011	10.25	TO-15	Vinyl chloride	ug/m3	3.2	U	3900	No	2300	No
P-31	P-31-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethane	ug/m3	4.7	U	13000	No	6400	No
P-31	P-31-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethene	ug/m3	4.6	U	1300000	No	730000	No
P-31	P-31-10Q2	REG	5/20/2010	6	TO-15	Benzene	ug/m3	3.7	U	2400	No	1300	No
P-31	P-31-10Q2	REG	5/20/2010	6	TO-15	Chloroethane	ug/m3	3.1	U	46000000	No	NA	NA
P-31	P-31-10Q2	REG	5/20/2010	6	TO-15	Chloroform	ug/m3	5.7	U	760	No	440	No
P-31	P-31-10Q2	REG	5/20/2010	6	TO-15	cis-1,2-Dichloroethene	ug/m3	4.6	U	NA	NA	220000	No
P-31	P-31-10Q2	REG	5/20/2010	6	TO-15	Ethylbenzene	ug/m3	5.1	U	8100	No	4100	No
P-31	P-31-10Q2	REG	5/20/2010	6	TO-15	Tetrachloroethene	ug/m3	7.9	U	3500	No	1800	No
P-31	P-31-10Q2	REG	5/20/2010	6	TO-15	Toluene	ug/m3	4.4	U	34000000	No	18000000	No
P-31	P-31-10Q2	REG	5/20/2010	6	TO-15	Trichloroethene	ug/m3	6.3	U	9900	No	5100	No
P-31	P-31-10Q2	REG	5/20/2010	6	TO-15	Vinyl chloride	ug/m3	3	U	3900	No	2300	No
P-32	P-32-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethane	ug/m3	5.2	U	13000	No	6400	No
P-32	P-32-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethene	ug/m3	5.1	U	1300000	No	730000	No
P-32	P-32-10Q2	REG	5/20/2010	6	TO-15	Benzene	ug/m3	4.1	U	2400	No	1300	No
P-32	P-32-10Q2	REG	5/20/2010	6	TO-15	Chloroethane	ug/m3	3.4	U	46000000	No	NA	NA
P-32	P-32-10Q2	REG	5/20/2010	6	TO-15	Chloroform	ug/m3	6.3	U	760	No	440	No
P-32	P-32-10Q2	REG	5/20/2010	6	TO-15	cis-1,2-Dichloroethene	ug/m3	5.1	U	NA	NA	220000	No
P-32	P-32-10Q2	REG	5/20/2010	6	TO-15	Ethylbenzene	ug/m3	5.6	U	8100	No	4100	No
P-32	P-32-10Q2	REG	5/20/2010	6	TO-15	Tetrachloroethene	ug/m3	60		3500	No	1800	No
P-32	P-32-10Q2	REG	5/20/2010	6	TO-15	Toluene	ug/m3	4.9	U	34000000	No	18000000	No
P-32	P-32-10Q2	REG	5/20/2010	6	TO-15	Trichloroethene	ug/m3	1100		9900	No	5100	No
P-32	P-32-10Q2	REG	5/20/2010	6	TO-15	Vinyl chloride	ug/m3	3.3	U	3900	No	2300	No
P-33	P-33-10Q2	REG	5/19/2010	6	TO-15	1,1-Dichloroethane	ug/m3	9	U	13000	No	6400	No
P-33	P-33-10Q2	REG	5/19/2010	6	TO-15	1,1-Dichloroethene	ug/m3	8.8	U	1300000	No	730000	No
P-33	P-33-10Q2	REG	5/19/2010	6	TO-15	Benzene	ug/m3	7.1	U	2400	No	1300	No
P-33	P-33-10Q2	REG	5/19/2010	6	TO-15	Chloroethane	ug/m3	5.9	U	46000000	No	NA	NA

TABLE 3
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Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
P-33	P-33-10Q2	REG	5/19/2010	6	TO-15	Chloroform	ug/m3	11	U	760	No	440	No
P-33	P-33-10Q2	REG	5/19/2010	6	TO-15	cis-1,2-Dichloroethene	ug/m3	8.8	U	NA	NA	220000	No
P-33	P-33-10Q2	REG	5/19/2010	6	TO-15	Ethylbenzene	ug/m3	9.7	U	8100	No	4100	No
P-33	P-33-10Q2	REG	5/19/2010	6	TO-15	Tetrachloroethene	ug/m3	50		3500	No	1800	No
P-33	P-33-10Q2	REG	5/19/2010	6	TO-15	Toluene	ug/m3	8.4	U	34000000	No	18000000	No
P-33	P-33-10Q2	REG	5/19/2010	6	TO-15	Trichloroethene	ug/m3	32		9900	No	5100	No
P-33	P-33-10Q2	REG	5/19/2010	6	TO-15	Vinyl chloride	ug/m3	5.7	U	3900	No	2300	No
P-35	P-35-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethane	ug/m3	3.8	U	13000	No	6400	No
P-35	P-35-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethene	ug/m3	3.7	U	1300000	No	730000	No
P-35	P-35-10Q2	REG	5/20/2010	6	TO-15	Benzene	ug/m3	3	U	2400	No	1300	No
P-35	P-35-10Q2	REG	5/20/2010	6	TO-15	Chloroethane	ug/m3	2.5	U	46000000	No	NA	NA
P-35	P-35-10Q2	REG	5/20/2010	6	TO-15	Chloroform	ug/m3	4.6	U	760	No	440	No
P-35	P-35-10Q2	REG	5/20/2010	6	TO-15	cis-1,2-Dichloroethene	ug/m3	3.7	U	NA	NA	220000	No
P-35	P-35-10Q2	REG	5/20/2010	6	TO-15	Ethylbenzene	ug/m3	7.1		8100	No	4100	No
P-35	P-35-10Q2	REG	5/20/2010	6	TO-15	Tetrachloroethene	ug/m3	2800		3500	No	1800	Yes
P-35	P-35-10Q2	REG	5/20/2010	6	TO-15	Toluene	ug/m3	3.6	U	34000000	No	18000000	No
P-35	P-35-10Q2	REG	5/20/2010	6	TO-15	Trichloroethene	ug/m3	160		9900	No	5100	No
P-35	P-35-10Q2	REG	5/20/2010	6	TO-15	Vinyl chloride	ug/m3	2.4	U	3900	No	2300	No
P-36	P-36-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethane	ug/m3	1100		13000	No	6400	No
P-36	P-36-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethene	ug/m3	89		1300000	No	730000	No
P-36	P-36-10Q2	REG	5/20/2010	6	TO-15	Benzene	ug/m3	3.7	U	2400	No	1300	No
P-36	P-36-10Q2	REG	5/20/2010	6	TO-15	Chloroethane	ug/m3	3.1	U	46000000	No	NA	NA
P-36	P-36-10Q2	REG	5/20/2010	6	TO-15	Chloroform	ug/m3	5.7	U	760	No	440	No
P-36	P-36-10Q2	REG	5/20/2010	6	TO-15	cis-1,2-Dichloroethene	ug/m3	4.6	U	NA	NA	220000	No
P-36	P-36-10Q2	REG	5/20/2010	6	TO-15	Ethylbenzene	ug/m3	5	U	8100	No	4100	No
P-36	P-36-10Q2	REG	5/20/2010	6	TO-15	Tetrachloroethene	ug/m3	17		3500	No	1800	No
P-36	P-36-10Q2	REG	5/20/2010	6	TO-15	Toluene	ug/m3	4.4	U	34000000	No	18000000	No
P-36	P-36-10Q2	REG	5/20/2010	6	TO-15	Trichloroethene	ug/m3	24		9900	No	5100	No
P-36	P-36-10Q2	REG	5/20/2010	6	TO-15	Vinyl chloride	ug/m3	3	U	3900	No	2300	No
P-37	P-37-10Q2	REG	5/19/2010	6	TO-15	1,1-Dichloroethane	ug/m3	8.3	U	13000	No	6400	No
P-37	P-37-10Q2	REG	5/19/2010	6	TO-15	1,1-Dichloroethene	ug/m3	8.1	U	1300000	No	730000	No
P-37	P-37-10Q2	REG	5/19/2010	6	TO-15	Benzene	ug/m3	6.5	U	2400	No	1300	No
P-37	P-37-10Q2	REG	5/19/2010	6	TO-15	Chloroethane	ug/m3	5.4	U	46000000	No	NA	NA
P-37	P-37-10Q2	REG	5/19/2010	6	TO-15	Chloroform	ug/m3	10	U	760	No	440	No
P-37	P-37-10Q2	REG	5/19/2010	6	TO-15	cis-1,2-Dichloroethene	ug/m3	8.1	U	NA	NA	220000	No
P-37	P-37-10Q2	REG	5/19/2010	6	TO-15	Ethylbenzene	ug/m3	8.9	U	8100	No	4100	No
P-37	P-37-10Q2	REG	5/19/2010	6	TO-15	Tetrachloroethene	ug/m3	14	U	3500	No	1800	No
P-37	P-37-10Q2	REG	5/19/2010	6	TO-15	Toluene	ug/m3	7.7	U	34000000	No	18000000	No
P-37	P-37-10Q2	REG	5/19/2010	6	TO-15	Trichloroethene	ug/m3	14		9900	No	5100	No
P-37	P-37-10Q2	REG	5/19/2010	6	TO-15	Vinyl chloride	ug/m3	5.2	U	3900	No	2300	No
P-38	P-38-10Q2	REG	5/19/2010	6	TO-15	1,1-Dichloroethane	ug/m3	4.2	U	13000	No	6400	No
P-38	P-38-10Q2	REG	5/19/2010	6	TO-15	1,1-Dichloroethene	ug/m3	11		1300000	No	730000	No
P-38	P-38-10Q2	REG	5/19/2010	6	TO-15	Benzene	ug/m3	3.3	U	2400	No	1300	No
P-38	P-38-10Q2	REG	5/19/2010	6	TO-15	Chloroethane	ug/m3	2.7	U	46000000	No	NA	NA
P-38	P-38-10Q2	REG	5/19/2010	6	TO-15	Chloroform	ug/m3	5.1	U	760	No	440	No
P-38	P-38-10Q2	REG	5/19/2010	6	TO-15	cis-1,2-Dichloroethene	ug/m3	4.1	U	NA	NA	220000	No

TABLE 3
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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
P-38	P-38-10Q2	REG	5/19/2010	6	TO-15	Ethylbenzene	ug/m3	4.5	U	8100	No	4100	No
P-38	P-38-10Q2	REG	5/19/2010	6	TO-15	Tetrachloroethene	ug/m3	71		3500	No	1800	No
P-38	P-38-10Q2	REG	5/19/2010	6	TO-15	Toluene	ug/m3	3.9	U	34000000	No	18000000	No
P-38	P-38-10Q2	REG	5/19/2010	6	TO-15	Trichloroethene	ug/m3	73		9900	No	5100	No
P-38	P-38-10Q2	REG	5/19/2010	6	TO-15	Vinyl chloride	ug/m3	2.6	U	3900	No	2300	No
P-39	P-39-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethane	ug/m3	27	U	13000	No	6400	No
P-39	P-39-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethene	ug/m3	27	U	1300000	No	730000	No
P-39	P-39-10Q2	REG	5/20/2010	6	TO-15	Benzene	ug/m3	22	U	2400	No	1300	No
P-39	P-39-10Q2	REG	5/20/2010	6	TO-15	Chloroethane	ug/m3	18	U	46000000	No	NA	NA
P-39	P-39-10Q2	REG	5/20/2010	6	TO-15	Chloroform	ug/m3	33	U	760	No	440	No
P-39	P-39-10Q2	REG	5/20/2010	6	TO-15	cis-1,2-Dichloroethene	ug/m3	27	U	NA	NA	220000	No
P-39	P-39-10Q2	REG	5/20/2010	6	TO-15	Ethylbenzene	ug/m3	29	U	8100	No	4100	No
P-39	P-39-10Q2	REG	5/20/2010	6	TO-15	Tetrachloroethene	ug/m3	46	U	3500	No	1800	No
P-39	P-39-10Q2	REG	5/20/2010	6	TO-15	Toluene	ug/m3	25	U	34000000	No	18000000	No
P-39	P-39-10Q2	REG	5/20/2010	6	TO-15	Trichloroethene	ug/m3	36	U	9900	No	5100	No
P-39	P-39-10Q2	REG	5/20/2010	6	TO-15	Vinyl chloride	ug/m3	17	U	3900	No	2300	No
P-41	P-41-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethane	ug/m3	4.6	U	13000	No	6400	No
P-41	P-41-10Q2	REG	5/20/2010	6	TO-15	1,1-Dichloroethene	ug/m3	4.5	U	1300000	No	730000	No
P-41	P-41-10Q2	REG	5/20/2010	6	TO-15	Benzene	ug/m3	3.8		2400	No	1300	No
P-41	P-41-10Q2	REG	5/20/2010	6	TO-15	Chloroethane	ug/m3	3	U	46000000	No	NA	NA
P-41	P-41-10Q2	REG	5/20/2010	6	TO-15	Chloroform	ug/m3	5.5	U	760	No	440	No
P-41	P-41-10Q2	REG	5/20/2010	6	TO-15	cis-1,2-Dichloroethene	ug/m3	4.5	U	NA	NA	220000	No
P-41	BSVE-SVM-10Q2-009	FD	5/20/2010	6	TO-15	Ethylbenzene	ug/m3	8.9		8100	No	4100	No
P-41	P-41-10Q2	REG	5/20/2010	6	TO-15	Tetrachloroethene	ug/m3	7.7	U	3500	No	1800	No
P-41	P-41-10Q2	REG	5/20/2010	6	TO-15	Toluene	ug/m3	4.3	U	34000000	No	18000000	No
P-41	P-41-10Q2	REG	5/20/2010	6	TO-15	Trichloroethene	ug/m3	56		9900	No	5100	No
P-41	P-41-10Q2	REG	5/20/2010	6	TO-15	Vinyl chloride	ug/m3	2.9	U	3900	No	2300	No
P-47	P-47-10Q4	REG	11/2/2010	11	TO-15	1,1-Dichloroethane	ug/m3	9.1	U	13000	No	6400	No
P-47	P-47-10Q4	REG	11/2/2010	11	TO-15	1,1-Dichloroethene	ug/m3	8.9	U	1300000	No	730000	No
P-47	P-47-10Q4	REG	11/2/2010	11	TO-15	Benzene	ug/m3	7.2	U	2400	No	1300	No
P-47	P-47-10Q4	REG	11/2/2010	11	TO-15	Chloroethane	ug/m3	5.9	U	46000000	No	NA	NA
P-47	P-47-10Q4	REG	11/2/2010	11	TO-15	Chloroform	ug/m3	11	U	760	No	440	No
P-47	P-47-10Q4	REG	11/2/2010	11	TO-15	cis-1,2-Dichloroethene	ug/m3	8.9	U	NA	NA	220000	No
P-47	P-47-10Q4	REG	11/2/2010	11	TO-15	Ethylbenzene	ug/m3	9.7	U	8100	No	4100	No
P-47	P-47-10Q4	REG	11/2/2010	11	TO-15	Tetrachloroethene	ug/m3	15	U	3500	No	1800	No
P-47	P-47-10Q4	REG	11/2/2010	11	TO-15	Toluene	ug/m3	8.4	U	34000000	No	18000000	No
P-47	P-47-10Q4	REG	11/2/2010	11	TO-15	Trichloroethene	ug/m3	12	U	9900	No	5100	No
P-47	P-47-10Q4	REG	11/2/2010	11	TO-15	Vinyl chloride	ug/m3	5.7	U	3900	No	2300	No
PMW-10-M	PMW-10-M-10Q4	REG	11/4/2010	25	TO-15	1,1-Dichloroethane	ug/m3	19	J	26000	No	6400	No
PMW-10-M	PMW-10-M-10Q4	REG	11/4/2010	25	TO-15	1,1-Dichloroethene	ug/m3	12	U	2600000	No	730000	No
PMW-10-M	PMW-10-M-10Q4	REG	11/4/2010	25	TO-15	Benzene	ug/m3	9.3	U	4700	No	1300	No
PMW-10-M	PMW-10-M-10Q4	REG	11/4/2010	25	TO-15	Chloroethane	ug/m3	7.7	U	67000000	No	NA	NA
PMW-10-M	PMW-10-M-10Q4	REG	11/4/2010	25	TO-15	Chloroform	ug/m3	14	U	1400	No	440	No
PMW-10-M	PMW-10-M-10Q4	REG	11/4/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	12	U	NA	NA	220000	No
PMW-10-M	PMW-10-M-10Q4	REG	11/4/2010	25	TO-15	Ethylbenzene	ug/m3	16	J	17000	No	4100	No
PMW-10-M	PMW-10-M-10Q4	REG	11/4/2010	25	TO-15	Tetrachloroethene	ug/m3	21	J	7300	No	1800	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
PMW-10-M	PMW-10-M-10Q4	REG	11/4/2010	25	TO-15	Toluene	ug/m3	11	U	67000000	No	18000000	No
PMW-10-M	PMW-10-M-10Q4	REG	11/4/2010	25	TO-15	Trichloroethene	ug/m3	57	J	20000	No	5100	No
PMW-10-M	PMW-10-M-10Q4	REG	11/4/2010	25	TO-15	Vinyl chloride	ug/m3	7.4	U	7400	No	2300	No
PMW-10-M	PMW-10-M-11Q1	REG	2/14/2011	25	TO-15	1,1-Dichloroethane	ug/m3	15	U	26000	No	6400	No
PMW-10-M	PMW-10-M-11Q1	REG	2/14/2011	25	TO-15	1,1-Dichloroethene	ug/m3	14	U	2600000	No	730000	No
PMW-10-M	PMW-10-M-11Q1	REG	2/14/2011	25	TO-15	Benzene	ug/m3	12		4700	No	1300	No
PMW-10-M	PMW-10-M-11Q1	REG	2/14/2011	25	TO-15	Chloroethane	ug/m3	9.6	U	67000000	No	NA	NA
PMW-10-M	PMW-10-M-11Q1	REG	2/14/2011	25	TO-15	Chloroform	ug/m3	18	U	1400	No	440	No
PMW-10-M	PMW-10-M-11Q1	REG	2/14/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	14	U	NA	NA	220000	No
PMW-10-M	PMW-10-M-11Q1	REG	2/14/2011	25	TO-15	Ethylbenzene	ug/m3	16	U	17000	No	4100	No
PMW-10-M	PMW-10-M-11Q1	REG	2/14/2011	25	TO-15	Tetrachloroethene	ug/m3	25	U	7300	No	1800	No
PMW-10-M	PMW-10-M-11Q1	REG	2/14/2011	25	TO-15	Toluene	ug/m3	14	U	67000000	No	18000000	No
PMW-10-M	PMW-10-M-11Q1	REG	2/14/2011	25	TO-15	Trichloroethene	ug/m3	20	U	20000	No	5100	No
PMW-10-M	PMW-10-M-11Q1	REG	2/14/2011	25	TO-15	Vinyl chloride	ug/m3	9.3	U	7400	No	2300	No
PMW-10-U	PMW-10-U-10Q4	REG	11/4/2010	10	TO-15	1,1-Dichloroethane	ug/m3	12	U	13000	No	6400	No
PMW-10-U	PMW-10-U-10Q4	REG	11/4/2010	10	TO-15	1,1-Dichloroethene	ug/m3	12	U	1300000	No	730000	No
PMW-10-U	PMW-10-U-10Q4	REG	11/4/2010	10	TO-15	Benzene	ug/m3	9.8	U	2400	No	1300	No
PMW-10-U	PMW-10-U-10Q4	REG	11/4/2010	10	TO-15	Chloroethane	ug/m3	8.1	U	46000000	No	NA	NA
PMW-10-U	PMW-10-U-10Q4	REG	11/4/2010	10	TO-15	Chloroform	ug/m3	15	U	760	No	440	No
PMW-10-U	PMW-10-U-10Q4	REG	11/4/2010	10	TO-15	cis-1,2-Dichloroethene	ug/m3	12	U	NA	NA	220000	No
PMW-10-U	PMW-10-U-10Q4	REG	11/4/2010	10	TO-15	Ethylbenzene	ug/m3	28	J	8100	No	4100	No
PMW-10-U	PMW-10-U-10Q4	REG	11/4/2010	10	TO-15	Tetrachloroethene	ug/m3	21	U	3500	No	1800	No
PMW-10-U	PMW-10-U-10Q4	REG	11/4/2010	10	TO-15	Toluene	ug/m3	12	U	34000000	No	18000000	No
PMW-10-U	PMW-10-U-10Q4	REG	11/4/2010	10	TO-15	Trichloroethene	ug/m3	17	U	9900	No	5100	No
PMW-10-U	PMW-10-U-10Q4	REG	11/4/2010	10	TO-15	Vinyl chloride	ug/m3	7.9	U	3900	No	2300	No
PMW-10-U	PMW-10-U-11Q1	REG	2/14/2011	10	TO-15	1,1-Dichloroethane	ug/m3	27	U	13000	No	6400	No
PMW-10-U	PMW-10-U-11Q1	REG	2/14/2011	10	TO-15	1,1-Dichloroethene	ug/m3	27	U	1300000	No	730000	No
PMW-10-U	PMW-10-U-11Q1	REG	2/14/2011	10	TO-15	Benzene	ug/m3	26		2400	No	1300	No
PMW-10-U	PMW-10-U-11Q1	REG	2/14/2011	10	TO-15	Chloroethane	ug/m3	18	U	46000000	No	NA	NA
PMW-10-U	PMW-10-U-11Q1	REG	2/14/2011	10	TO-15	Chloroform	ug/m3	33	U	760	No	440	No
PMW-10-U	PMW-10-U-11Q1	REG	2/14/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	27	U	NA	NA	220000	No
PMW-10-U	PMW-10-U-11Q1	REG	2/14/2011	10	TO-15	Ethylbenzene	ug/m3	29	U	8100	No	4100	No
PMW-10-U	PMW-10-U-11Q1	REG	2/14/2011	10	TO-15	Tetrachloroethene	ug/m3	45	U	3500	No	1800	No
PMW-10-U	PMW-10-U-11Q1	REG	2/14/2011	10	TO-15	Toluene	ug/m3	25	U	34000000	No	18000000	No
PMW-10-U	PMW-10-U-11Q1	REG	2/14/2011	10	TO-15	Trichloroethene	ug/m3	36	U	9900	No	5100	No
PMW-10-U	PMW-10-U-11Q1	REG	2/14/2011	10	TO-15	Vinyl chloride	ug/m3	17	U	3900	No	2300	No
PMW-14-M	PMW-14-M-10Q4	REG	11/18/2010	25	TO-15	1,1-Dichloroethane	ug/m3	4.8	U	26000	No	6400	No
PMW-14-M	PMW-14-M-10Q4	REG	11/18/2010	25	TO-15	1,1-Dichloroethene	ug/m3	4.7	U	2600000	No	730000	No
PMW-14-M	PMW-14-M-10Q4	REG	11/18/2010	25	TO-15	Benzene	ug/m3	3.8	U	4700	No	1300	No
PMW-14-M	PMW-14-M-10Q4	REG	11/18/2010	25	TO-15	Chloroethane	ug/m3	3.1	U	67000000	No	NA	NA
PMW-14-M	PMW-14-M-10Q4	REG	11/18/2010	25	TO-15	Chloroform	ug/m3	5.8	U	1400	No	440	No
PMW-14-M	PMW-14-M-10Q4	REG	11/18/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4.7	U	NA	NA	220000	No
PMW-14-M	BSVE-SVM-10Q4-003	FD	11/18/2010	25	TO-15	Ethylbenzene	ug/m3	10		17000	No	4100	No
PMW-14-M	PMW-14-M-10Q4	REG	11/18/2010	25	TO-15	Tetrachloroethene	ug/m3	8.1	U	7300	No	1800	No
PMW-14-M	PMW-14-M-10Q4	REG	11/18/2010	25	TO-15	Toluene	ug/m3	4.5	U	67000000	No	18000000	No
PMW-14-M	PMW-14-M-10Q4	REG	11/18/2010	25	TO-15	Trichloroethene	ug/m3	6.4	U	20000	No	5100	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
PMW-14-M	PMW-14-M-10Q4	REG	11/18/2010	25	TO-15	Vinyl chloride	ug/m3	3	U	7400	No	2300	No
PMW-14-M	PMW-14-M-11Q1	REG	2/2/2011	25	TO-15	1,1-Dichloroethane	ug/m3	4.5	U	26000	No	6400	No
PMW-14-M	PMW-14-M-11Q1	REG	2/2/2011	25	TO-15	1,1-Dichloroethene	ug/m3	4.4	U	2600000	No	730000	No
PMW-14-M	BSVE-SVM-11Q1-005	FD	2/2/2011	25	TO-15	Benzene	ug/m3	12		4700	No	1300	No
PMW-14-M	PMW-14-M-11Q1	REG	2/2/2011	25	TO-15	Chloroethane	ug/m3	2.9	U	67000000	No	NA	NA
PMW-14-M	PMW-14-M-11Q1	REG	2/2/2011	25	TO-15	Chloroform	ug/m3	5.4	U	1400	No	440	No
PMW-14-M	PMW-14-M-11Q1	REG	2/2/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4.4	U	NA	NA	220000	No
PMW-14-M	PMW-14-M-11Q1	REG	2/2/2011	25	TO-15	Ethylbenzene	ug/m3	4.8	U	17000	No	4100	No
PMW-14-M	PMW-14-M-11Q1	REG	2/2/2011	25	TO-15	Tetrachloroethene	ug/m3	7.5	U	7300	No	1800	No
PMW-14-M	PMW-14-M-11Q1	REG	2/2/2011	25	TO-15	Toluene	ug/m3	6		67000000	No	18000000	No
PMW-14-M	PMW-14-M-11Q1	REG	2/2/2011	25	TO-15	Trichloroethene	ug/m3	6	U	20000	No	5100	No
PMW-14-M	PMW-14-M-11Q1	REG	2/2/2011	25	TO-15	Vinyl chloride	ug/m3	2.8	U	7400	No	2300	No
PMW-1-M	PMW-1-M-10Q4	REG	11/2/2010	25	TO-15	1,1-Dichloroethane	ug/m3	13	U	26000	No	6400	No
PMW-1-M	PMW-1-M-10Q4	REG	11/2/2010	25	TO-15	1,1-Dichloroethene	ug/m3	12	U	2600000	No	730000	No
PMW-1-M	PMW-1-M-10Q4	REG	11/2/2010	25	TO-15	Benzene	ug/m3	11		4700	No	1300	No
PMW-1-M	PMW-1-M-10Q4	REG	11/2/2010	25	TO-15	Chloroethane	ug/m3	8.3	U	67000000	No	NA	NA
PMW-1-M	PMW-1-M-10Q4	REG	11/2/2010	25	TO-15	Chloroform	ug/m3	15	U	1400	No	440	No
PMW-1-M	PMW-1-M-10Q4	REG	11/2/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	12	U	NA	NA	220000	No
PMW-1-M	PMW-1-M-10Q4	REG	11/2/2010	25	TO-15	Ethylbenzene	ug/m3	14	U	17000	No	4100	No
PMW-1-M	PMW-1-M-10Q4	REG	11/2/2010	25	TO-15	Tetrachloroethene	ug/m3	21	U	7300	No	1800	No
PMW-1-M	PMW-1-M-10Q4	REG	11/2/2010	25	TO-15	Toluene	ug/m3	12	U	67000000	No	18000000	No
PMW-1-M	PMW-1-M-10Q4	REG	11/2/2010	25	TO-15	Trichloroethene	ug/m3	17	U	20000	No	5100	No
PMW-1-M	PMW-1-M-10Q4	REG	11/2/2010	25	TO-15	Vinyl chloride	ug/m3	8	U	7400	No	2300	No
PMW-1-M	PMW-1-M-11Q1	REG	2/1/2011	25	TO-15	1,1-Dichloroethane	ug/m3	8.4	U	26000	No	6400	No
PMW-1-M	PMW-1-M-11Q1	REG	2/1/2011	25	TO-15	1,1-Dichloroethene	ug/m3	8.2	U	2600000	No	730000	No
PMW-1-M	PMW-1-M-11Q1	REG	2/1/2011	25	TO-15	Benzene	ug/m3	6.6	U	4700	No	1300	No
PMW-1-M	PMW-1-M-11Q1	REG	2/1/2011	25	TO-15	Chloroethane	ug/m3	5.5	U	67000000	No	NA	NA
PMW-1-M	PMW-1-M-11Q1	REG	2/1/2011	25	TO-15	Chloroform	ug/m3	18		1400	No	440	No
PMW-1-M	PMW-1-M-11Q1	REG	2/1/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	8.2	U	NA	NA	220000	No
PMW-1-M	PMW-1-M-11Q1	REG	2/1/2011	25	TO-15	Ethylbenzene	ug/m3	9	U	17000	No	4100	No
PMW-1-M	PMW-1-M-11Q1	REG	2/1/2011	25	TO-15	Tetrachloroethene	ug/m3	14	U	7300	No	1800	No
PMW-1-M	PMW-1-M-11Q1	REG	2/1/2011	25	TO-15	Toluene	ug/m3	7.8	U	67000000	No	18000000	No
PMW-1-M	PMW-1-M-11Q1	REG	2/1/2011	25	TO-15	Trichloroethene	ug/m3	11	U	20000	No	5100	No
PMW-1-M	PMW-1-M-11Q1	REG	2/1/2011	25	TO-15	Vinyl chloride	ug/m3	5.3	U	7400	No	2300	No
PMW-1-U	PMW-1-U-10Q4	REG	11/2/2010	10	TO-15	1,1-Dichloroethane	ug/m3	14	U	13000	No	6400	No
PMW-1-U	PMW-1-U-10Q4	REG	11/2/2010	10	TO-15	1,1-Dichloroethene	ug/m3	14	U	1300000	No	730000	No
PMW-1-U	PMW-1-U-10Q4	REG	11/2/2010	10	TO-15	Benzene	ug/m3	12		2400	No	1300	No
PMW-1-U	PMW-1-U-10Q4	REG	11/2/2010	10	TO-15	Chloroethane	ug/m3	9.1	U	46000000	No	NA	NA
PMW-1-U	PMW-1-U-10Q4	REG	11/2/2010	10	TO-15	Chloroform	ug/m3	17	U	760	No	440	No
PMW-1-U	PMW-1-U-10Q4	REG	11/2/2010	10	TO-15	cis-1,2-Dichloroethene	ug/m3	14	U	NA	NA	220000	No
PMW-1-U	PMW-1-U-10Q4	REG	11/2/2010	10	TO-15	Ethylbenzene	ug/m3	15	U	8100	No	4100	No
PMW-1-U	PMW-1-U-10Q4	REG	11/2/2010	10	TO-15	Tetrachloroethene	ug/m3	23	U	3500	No	1800	No
PMW-1-U	PMW-1-U-10Q4	REG	11/2/2010	10	TO-15	Toluene	ug/m3	13	U	34000000	No	18000000	No
PMW-1-U	PMW-1-U-10Q4	REG	11/2/2010	10	TO-15	Trichloroethene	ug/m3	18	U	9900	No	5100	No
PMW-1-U	PMW-1-U-10Q4	REG	11/2/2010	10	TO-15	Vinyl chloride	ug/m3	8.8	U	3900	No	2300	No
PMW-1-U	PMW-1-U-11Q1	REG	2/1/2011	10	TO-15	1,1-Dichloroethane	ug/m3	5.2		13000	No	6400	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
PMW-1-U	PMW-1-U-11Q1	REG	2/1/2011	10	TO-15	1,1-Dichloroethene	ug/m3	4.6	U	1300000	No	730000	No
PMW-1-U	PMW-1-U-11Q1	REG	2/1/2011	10	TO-15	Benzene	ug/m3	3.7	U	2400	No	1300	No
PMW-1-U	PMW-1-U-11Q1	REG	2/1/2011	10	TO-15	Chloroethane	ug/m3	3.1	U	46000000	No	NA	NA
PMW-1-U	PMW-1-U-11Q1	REG	2/1/2011	10	TO-15	Chloroform	ug/m3	16		760	No	440	No
PMW-1-U	PMW-1-U-11Q1	REG	2/1/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	4.6	U	NA	NA	220000	No
PMW-1-U	PMW-1-U-11Q1	REG	2/1/2011	10	TO-15	Ethylbenzene	ug/m3	5.1	U	8100	No	4100	No
PMW-1-U	PMW-1-U-11Q1	REG	2/1/2011	10	TO-15	Tetrachloroethene	ug/m3	7.9	U	3500	No	1800	No
PMW-1-U	PMW-1-U-11Q1	REG	2/1/2011	10	TO-15	Toluene	ug/m3	4.4	U	34000000	No	18000000	No
PMW-1-U	PMW-1-U-11Q1	REG	2/1/2011	10	TO-15	Trichloroethene	ug/m3	6.3	U	9900	No	5100	No
PMW-1-U	PMW-1-U-11Q1	REG	2/1/2011	10	TO-15	Vinyl chloride	ug/m3	3	U	3900	No	2300	No
PMW-2-M	PMW-2-M-10Q4	REG	11/2/2010	25	TO-15	1,1-Dichloroethane	ug/m3	12	U	26000	No	6400	No
PMW-2-M	PMW-2-M-10Q4	REG	11/2/2010	25	TO-15	1,1-Dichloroethene	ug/m3	12	U	2600000	No	730000	No
PMW-2-M	PMW-2-M-10Q4	REG	11/2/2010	25	TO-15	Benzene	ug/m3	13	J	4700	No	1300	No
PMW-2-M	PMW-2-M-10Q4	REG	11/2/2010	25	TO-15	Chloroethane	ug/m3	8	U	67000000	No	NA	NA
PMW-2-M	PMW-2-M-10Q4	REG	11/2/2010	25	TO-15	Chloroform	ug/m3	15	U	1400	No	440	No
PMW-2-M	PMW-2-M-10Q4	REG	11/2/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	12	U	NA	NA	220000	No
PMW-2-M	PMW-2-M-10Q4	REG	11/2/2010	25	TO-15	Ethylbenzene	ug/m3	13	U	17000	No	4100	No
PMW-2-M	PMW-2-M-10Q4	REG	11/2/2010	25	TO-15	Tetrachloroethene	ug/m3	20	U	7300	No	1800	No
PMW-2-M	PMW-2-M-10Q4	REG	11/2/2010	25	TO-15	Toluene	ug/m3	11	U	67000000	No	18000000	No
PMW-2-M	PMW-2-M-10Q4	REG	11/2/2010	25	TO-15	Trichloroethene	ug/m3	39	J	20000	No	5100	No
PMW-2-M	PMW-2-M-10Q4	REG	11/2/2010	25	TO-15	Vinyl chloride	ug/m3	7.7	U	7400	No	2300	No
PMW-2-M	PMW-2-M-11Q1	REG	2/1/2011	25	TO-15	1,1-Dichloroethane	ug/m3	130		26000	No	6400	No
PMW-2-M	PMW-2-M-11Q1	REG	2/1/2011	25	TO-15	1,1-Dichloroethene	ug/m3	48	U	2600000	No	730000	No
PMW-2-M	PMW-2-M-11Q1	REG	2/1/2011	25	TO-15	Benzene	ug/m3	39	U	4700	No	1300	No
PMW-2-M	PMW-2-M-11Q1	REG	2/1/2011	25	TO-15	Chloroethane	ug/m3	32	U	67000000	No	NA	NA
PMW-2-M	PMW-2-M-11Q1	REG	2/1/2011	25	TO-15	Chloroform	ug/m3	59	U	1400	No	440	No
PMW-2-M	PMW-2-M-11Q1	REG	2/1/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	750		NA	NA	220000	No
PMW-2-M	PMW-2-M-11Q1	REG	2/1/2011	25	TO-15	Ethylbenzene	ug/m3	53	U	17000	No	4100	No
PMW-2-M	PMW-2-M-11Q1	REG	2/1/2011	25	TO-15	Tetrachloroethene	ug/m3	190		7300	No	1800	No
PMW-2-M	PMW-2-M-11Q1	REG	2/1/2011	25	TO-15	Toluene	ug/m3	46	U	67000000	No	18000000	No
PMW-2-M	PMW-2-M-11Q1	REG	2/1/2011	25	TO-15	Trichloroethene	ug/m3	24000		20000	Yes	5100	Yes
PMW-2-M	PMW-2-M-11Q1	REG	2/1/2011	25	TO-15	Vinyl chloride	ug/m3	31	U	7400	No	2300	No
PMW-2-U	PMW-2-U-10Q4	REG	11/2/2010	10	TO-15	1,1-Dichloroethane	ug/m3	24	U	13000	No	6400	No
PMW-2-U	PMW-2-U-10Q4	REG	11/2/2010	10	TO-15	1,1-Dichloroethene	ug/m3	24	U	1300000	No	730000	No
PMW-2-U	PMW-2-U-10Q4	REG	11/2/2010	10	TO-15	Benzene	ug/m3	19	U	2400	No	1300	No
PMW-2-U	PMW-2-U-10Q4	REG	11/2/2010	10	TO-15	Chloroethane	ug/m3	16	U	46000000	No	NA	NA
PMW-2-U	PMW-2-U-10Q4	REG	11/2/2010	10	TO-15	Chloroform	ug/m3	29	U	760	No	440	No
PMW-2-U	PMW-2-U-10Q4	REG	11/2/2010	10	TO-15	cis-1,2-Dichloroethene	ug/m3	24	U	NA	NA	220000	No
PMW-2-U	PMW-2-U-10Q4	REG	11/2/2010	10	TO-15	Ethylbenzene	ug/m3	26	U	8100	No	4100	No
PMW-2-U	PMW-2-U-10Q4	REG	11/2/2010	10	TO-15	Tetrachloroethene	ug/m3	40	U	3500	No	1800	No
PMW-2-U	PMW-2-U-10Q4	REG	11/2/2010	10	TO-15	Toluene	ug/m3	22	U	34000000	No	18000000	No
PMW-2-U	PMW-2-U-10Q4	REG	11/2/2010	10	TO-15	Trichloroethene	ug/m3	32	U	9900	No	5100	No
PMW-2-U	PMW-2-U-10Q4	REG	11/2/2010	10	TO-15	Vinyl chloride	ug/m3	15	U	3900	No	2300	No
PMW-2-U	PMW-2-U-11Q1	REG	2/1/2011	10	TO-15	1,1-Dichloroethane	ug/m3	48	U	13000	No	6400	No
PMW-2-U	PMW-2-U-11Q1	REG	2/1/2011	10	TO-15	1,1-Dichloroethene	ug/m3	47	U	1300000	No	730000	No
PMW-2-U	PMW-2-U-11Q1	REG	2/1/2011	10	TO-15	Benzene	ug/m3	38	U	2400	No	1300	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
PMW-2-U	PMW-2-U-11Q1	REG	2/1/2011	10	TO-15	Chloroethane	ug/m3	31	U	46000000	No	NA	NA
PMW-2-U	PMW-2-U-11Q1	REG	2/1/2011	10	TO-15	Chloroform	ug/m3	58	U	760	No	440	No
PMW-2-U	PMW-2-U-11Q1	REG	2/1/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	47	U	NA	NA	220000	No
PMW-2-U	PMW-2-U-11Q1	REG	2/1/2011	10	TO-15	Ethylbenzene	ug/m3	52	U	8100	No	4100	No
PMW-2-U	PMW-2-U-11Q1	REG	2/1/2011	10	TO-15	Tetrachloroethene	ug/m3	81	U	3500	No	1800	No
PMW-2-U	PMW-2-U-11Q1	REG	2/1/2011	10	TO-15	Toluene	ug/m3	45	U	34000000	No	18000000	No
PMW-2-U	PMW-2-U-11Q1	REG	2/1/2011	10	TO-15	Trichloroethene	ug/m3	2800		9900	No	5100	No
PMW-2-U	PMW-2-U-11Q1	REG	2/1/2011	10	TO-15	Vinyl chloride	ug/m3	30	U	3900	No	2300	No
PMW-3-M	PMW-3-M-10Q4	REG	11/2/2010	25	TO-15	1,1-Dichloroethane	ug/m3	25	U	26000	No	6400	No
PMW-3-M	PMW-3-M-10Q4	REG	11/2/2010	25	TO-15	1,1-Dichloroethene	ug/m3	25	U	2600000	No	730000	No
PMW-3-M	PMW-3-M-10Q4	REG	11/2/2010	25	TO-15	Benzene	ug/m3	20	U	4700	No	1300	No
PMW-3-M	PMW-3-M-10Q4	REG	11/2/2010	25	TO-15	Chloroethane	ug/m3	17	U	67000000	No	NA	NA
PMW-3-M	PMW-3-M-10Q4	REG	11/2/2010	25	TO-15	Chloroform	ug/m3	31	U	1400	No	440	No
PMW-3-M	PMW-3-M-10Q4	REG	11/2/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	25	U	NA	NA	220000	No
PMW-3-M	PMW-3-M-10Q4	REG	11/2/2010	25	TO-15	Ethylbenzene	ug/m3	73		17000	No	4100	No
PMW-3-M	PMW-3-M-10Q4	REG	11/2/2010	25	TO-15	Tetrachloroethene	ug/m3	43	U	7300	No	1800	No
PMW-3-M	PMW-3-M-10Q4	REG	11/2/2010	25	TO-15	Toluene	ug/m3	24	U	67000000	No	18000000	No
PMW-3-M	PMW-3-M-10Q4	REG	11/2/2010	25	TO-15	Trichloroethene	ug/m3	100		20000	No	5100	No
PMW-3-M	PMW-3-M-10Q4	REG	11/2/2010	25	TO-15	Vinyl chloride	ug/m3	16	U	7400	No	2300	No
PMW-3-M	PMW-3-M-11Q1	REG	2/1/2011	25	TO-15	1,1-Dichloroethane	ug/m3	25	U	26000	No	6400	No
PMW-3-M	PMW-3-M-11Q1	REG	2/1/2011	25	TO-15	1,1-Dichloroethene	ug/m3	25	U	2600000	No	730000	No
PMW-3-M	PMW-3-M-11Q1	REG	2/1/2011	25	TO-15	Benzene	ug/m3	20	U	4700	No	1300	No
PMW-3-M	PMW-3-M-11Q1	REG	2/1/2011	25	TO-15	Chloroethane	ug/m3	16	U	67000000	No	NA	NA
PMW-3-M	PMW-3-M-11Q1	REG	2/1/2011	25	TO-15	Chloroform	ug/m3	30	U	1400	No	440	No
PMW-3-M	PMW-3-M-11Q1	REG	2/1/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	25	U	NA	NA	220000	No
PMW-3-M	PMW-3-M-11Q1	REG	2/1/2011	25	TO-15	Ethylbenzene	ug/m3	27	U	17000	No	4100	No
PMW-3-M	PMW-3-M-11Q1	REG	2/1/2011	25	TO-15	Tetrachloroethene	ug/m3	42	U	7300	No	1800	No
PMW-3-M	PMW-3-M-11Q1	REG	2/1/2011	25	TO-15	Toluene	ug/m3	23	U	67000000	No	18000000	No
PMW-3-M	PMW-3-M-11Q1	REG	2/1/2011	25	TO-15	Trichloroethene	ug/m3	33	U	20000	No	5100	No
PMW-3-M	PMW-3-M-11Q1	REG	2/1/2011	25	TO-15	Vinyl chloride	ug/m3	16	U	7400	No	2300	No
PMW-3-U	BSVE-SVM-10Q4-002	FD	11/2/2010	10	TO-15	1,1-Dichloroethane	ug/m3	25	U	13000	No	6400	No
PMW-3-U	BSVE-SVM-10Q4-002	FD	11/2/2010	10	TO-15	1,1-Dichloroethene	ug/m3	24	U	1300000	No	730000	No
PMW-3-U	PMW-3-U-10Q4	REG	11/2/2010	10	TO-15	Benzene	ug/m3	20	U	2400	No	1300	No
PMW-3-U	BSVE-SVM-10Q4-002	FD	11/2/2010	10	TO-15	Chloroethane	ug/m3	16	U	46000000	No	NA	NA
PMW-3-U	BSVE-SVM-10Q4-002	FD	11/2/2010	10	TO-15	Chloroform	ug/m3	30	U	760	No	440	No
PMW-3-U	BSVE-SVM-10Q4-002	FD	11/2/2010	10	TO-15	cis-1,2-Dichloroethene	ug/m3	24	U	NA	NA	220000	No
PMW-3-U	BSVE-SVM-10Q4-002	FD	11/2/2010	10	TO-15	Ethylbenzene	ug/m3	110	J	8100	No	4100	No
PMW-3-U	BSVE-SVM-10Q4-002	FD	11/2/2010	10	TO-15	Tetrachloroethene	ug/m3	42	U	3500	No	1800	No
PMW-3-U	BSVE-SVM-10Q4-002	FD	11/2/2010	10	TO-15	Toluene	ug/m3	31	J	34000000	No	18000000	No
PMW-3-U	BSVE-SVM-10Q4-002	FD	11/2/2010	10	TO-15	Trichloroethene	ug/m3	150	J	9900	No	5100	No
PMW-3-U	PMW-3-U-10Q4	REG	11/2/2010	10	TO-15	Vinyl chloride	ug/m3	16	U	3900	No	2300	No
PMW-3-U	PMW-3-U-11Q1	REG	2/1/2011	10	TO-15	1,1-Dichloroethane	ug/m3	24	U	13000	No	6400	No
PMW-3-U	PMW-3-U-11Q1	REG	2/1/2011	10	TO-15	1,1-Dichloroethene	ug/m3	23	U	1300000	No	730000	No
PMW-3-U	PMW-3-U-11Q1	REG	2/1/2011	10	TO-15	Benzene	ug/m3	19	U	2400	No	1300	No
PMW-3-U	PMW-3-U-11Q1	REG	2/1/2011	10	TO-15	Chloroethane	ug/m3	15	U	46000000	No	NA	NA
PMW-3-U	PMW-3-U-11Q1	REG	2/1/2011	10	TO-15	Chloroform	ug/m3	28	U	760	No	440	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
PMW-3-U	PMW-3-U-11Q1	REG	2/1/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	23	U	NA	NA	220000	No
PMW-3-U	PMW-3-U-11Q1	REG	2/1/2011	10	TO-15	Ethylbenzene	ug/m3	25	U	8100	No	4100	No
PMW-3-U	PMW-3-U-11Q1	REG	2/1/2011	10	TO-15	Tetrachloroethene	ug/m3	39	U	3500	No	1800	No
PMW-3-U	PMW-3-U-11Q1	REG	2/1/2011	10	TO-15	Toluene	ug/m3	22	U	34000000	No	18000000	No
PMW-3-U	PMW-3-U-11Q1	REG	2/1/2011	10	TO-15	Trichloroethene	ug/m3	31	U	9900	No	5100	No
PMW-3-U	PMW-3-U-11Q1	REG	2/1/2011	10	TO-15	Vinyl chloride	ug/m3	15	U	3900	No	2300	No
PMW-4-M	PMW-4-M-10Q4	REG	11/4/2010	25	TO-15	1,1-Dichloroethane	ug/m3	10	U	26000	No	6400	No
PMW-4-M	PMW-4-M-10Q4	REG	11/4/2010	25	TO-15	1,1-Dichloroethene	ug/m3	9.8	U	2600000	No	730000	No
PMW-4-M	PMW-4-M-10Q4	REG	11/4/2010	25	TO-15	Benzene	ug/m3	7.9	U	4700	No	1300	No
PMW-4-M	PMW-4-M-10Q4	REG	11/4/2010	25	TO-15	Chloroethane	ug/m3	6.5	U	67000000	No	NA	NA
PMW-4-M	PMW-4-M-10Q4	REG	11/4/2010	25	TO-15	Chloroform	ug/m3	12	U	1400	No	440	No
PMW-4-M	PMW-4-M-10Q4	REG	11/4/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	9.8	U	NA	NA	220000	No
PMW-4-M	PMW-4-M-10Q4	REG	11/4/2010	25	TO-15	Ethylbenzene	ug/m3	19		17000	No	4100	No
PMW-4-M	PMW-4-M-10Q4	REG	11/4/2010	25	TO-15	Tetrachloroethene	ug/m3	17	U	7300	No	1800	No
PMW-4-M	PMW-4-M-10Q4	REG	11/4/2010	25	TO-15	Toluene	ug/m3	9.3	U	67000000	No	18000000	No
PMW-4-M	PMW-4-M-10Q4	REG	11/4/2010	25	TO-15	Trichloroethene	ug/m3	15		20000	No	5100	No
PMW-4-M	PMW-4-M-10Q4	REG	11/4/2010	25	TO-15	Vinyl chloride	ug/m3	6.3	U	7400	No	2300	No
PMW-4-M	PMW-4-M-11Q1	REG	2/1/2011	25	TO-15	1,1-Dichloroethane	ug/m3	13	U	26000	No	6400	No
PMW-4-M	PMW-4-M-11Q1	REG	2/1/2011	25	TO-15	1,1-Dichloroethene	ug/m3	13	U	2600000	No	730000	No
PMW-4-M	PMW-4-M-11Q1	REG	2/1/2011	25	TO-15	Benzene	ug/m3	11	U	4700	No	1300	No
PMW-4-M	PMW-4-M-11Q1	REG	2/1/2011	25	TO-15	Chloroethane	ug/m3	8.7	U	67000000	No	NA	NA
PMW-4-M	PMW-4-M-11Q1	REG	2/1/2011	25	TO-15	Chloroform	ug/m3	16	U	1400	No	440	No
PMW-4-M	PMW-4-M-11Q1	REG	2/1/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	13	U	NA	NA	220000	No
PMW-4-M	PMW-4-M-11Q1	REG	2/1/2011	25	TO-15	Ethylbenzene	ug/m3	14	U	17000	No	4100	No
PMW-4-M	PMW-4-M-11Q1	REG	2/1/2011	25	TO-15	Tetrachloroethene	ug/m3	22	U	7300	No	1800	No
PMW-4-M	PMW-4-M-11Q1	REG	2/1/2011	25	TO-15	Toluene	ug/m3	12	U	67000000	No	18000000	No
PMW-4-M	PMW-4-M-11Q1	REG	2/1/2011	25	TO-15	Trichloroethene	ug/m3	18	U	20000	No	5100	No
PMW-4-M	PMW-4-M-11Q1	REG	2/1/2011	25	TO-15	Vinyl chloride	ug/m3	8.4	U	7400	No	2300	No
PMW-4-U	PMW-4-U-10Q4	REG	11/3/2010	9	TO-15	1,1-Dichloroethane	ug/m3	12	U	13000	No	6400	No
PMW-4-U	PMW-4-U-10Q4	REG	11/3/2010	9	TO-15	1,1-Dichloroethene	ug/m3	12	U	1300000	No	730000	No
PMW-4-U	PMW-4-U-10Q4	REG	11/3/2010	9	TO-15	Benzene	ug/m3	9.8	U	2400	No	1300	No
PMW-4-U	PMW-4-U-10Q4	REG	11/3/2010	9	TO-15	Chloroethane	ug/m3	8.1	U	46000000	No	NA	NA
PMW-4-U	PMW-4-U-10Q4	REG	11/3/2010	9	TO-15	Chloroform	ug/m3	17		760	No	440	No
PMW-4-U	PMW-4-U-10Q4	REG	11/3/2010	9	TO-15	cis-1,2-Dichloroethene	ug/m3	12	U	NA	NA	220000	No
PMW-4-U	PMW-4-U-10Q4	REG	11/3/2010	9	TO-15	Ethylbenzene	ug/m3	27		8100	No	4100	No
PMW-4-U	PMW-4-U-10Q4	REG	11/3/2010	9	TO-15	Tetrachloroethene	ug/m3	21	U	3500	No	1800	No
PMW-4-U	PMW-4-U-10Q4	REG	11/3/2010	9	TO-15	Toluene	ug/m3	12	U	34000000	No	18000000	No
PMW-4-U	PMW-4-U-10Q4	REG	11/3/2010	9	TO-15	Trichloroethene	ug/m3	29		9900	No	5100	No
PMW-4-U	PMW-4-U-10Q4	REG	11/3/2010	9	TO-15	Vinyl chloride	ug/m3	7.9	U	3900	No	2300	No
PMW-4-U	PMW-4-U-11Q1	REG	2/1/2011	9	TO-15	1,1-Dichloroethane	ug/m3	24	U	13000	No	6400	No
PMW-4-U	PMW-4-U-11Q1	REG	2/1/2011	9	TO-15	1,1-Dichloroethene	ug/m3	24	U	1300000	No	730000	No
PMW-4-U	PMW-4-U-11Q1	REG	2/1/2011	9	TO-15	Benzene	ug/m3	19	U	2400	No	1300	No
PMW-4-U	PMW-4-U-11Q1	REG	2/1/2011	9	TO-15	Chloroethane	ug/m3	16	U	46000000	No	NA	NA
PMW-4-U	PMW-4-U-11Q1	REG	2/1/2011	9	TO-15	Chloroform	ug/m3	29	U	760	No	440	No
PMW-4-U	PMW-4-U-11Q1	REG	2/1/2011	9	TO-15	cis-1,2-Dichloroethene	ug/m3	24	U	NA	NA	220000	No
PMW-4-U	PMW-4-U-11Q1	REG	2/1/2011	9	TO-15	Ethylbenzene	ug/m3	26	U	8100	No	4100	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

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PMW-4-U	PMW-4-U-11Q1	REG	2/1/2011	9	TO-15	Tetrachloroethene	ug/m3	40	U	3500	No	1800	No
PMW-4-U	PMW-4-U-11Q1	REG	2/1/2011	9	TO-15	Toluene	ug/m3	22	U	34000000	No	18000000	No
PMW-4-U	PMW-4-U-11Q1	REG	2/1/2011	9	TO-15	Trichloroethene	ug/m3	32	U	9900	No	5100	No
PMW-4-U	PMW-4-U-11Q1	REG	2/1/2011	9	TO-15	Vinyl chloride	ug/m3	15	U	3900	No	2300	No
PMW-5-M	PMW-5-M-10Q4	REG	11/6/2010	25	TO-15	1,1-Dichloroethane	ug/m3	15	U	26000	No	6400	No
PMW-5-M	PMW-5-M-10Q4	REG	11/6/2010	25	TO-15	1,1-Dichloroethene	ug/m3	14	U	2600000	No	730000	No
PMW-5-M	PMW-5-M-10Q4	REG	11/6/2010	25	TO-15	Benzene	ug/m3	23		4700	No	1300	No
PMW-5-M	PMW-5-M-10Q4	REG	11/6/2010	25	TO-15	Chloroethane	ug/m3	9.6	U	67000000	No	NA	NA
PMW-5-M	PMW-5-M-10Q4	REG	11/6/2010	25	TO-15	Chloroform	ug/m3	18	U	1400	No	440	No
PMW-5-M	PMW-5-M-10Q4	REG	11/6/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	14	U	NA	NA	220000	No
PMW-5-M	PMW-5-M-10Q4	REG	11/6/2010	25	TO-15	Ethylbenzene	ug/m3	19		17000	No	4100	No
PMW-5-M	PMW-5-M-10Q4	REG	11/6/2010	25	TO-15	Tetrachloroethene	ug/m3	41		7300	No	1800	No
PMW-5-M	PMW-5-M-10Q4	REG	11/6/2010	25	TO-15	Toluene	ug/m3	14	U	67000000	No	18000000	No
PMW-5-M	PMW-5-M-10Q4	REG	11/6/2010	25	TO-15	Trichloroethene	ug/m3	20	U	20000	No	5100	No
PMW-5-M	PMW-5-M-10Q4	REG	11/6/2010	25	TO-15	Vinyl chloride	ug/m3	9.3	U	7400	No	2300	No
PMW-5-M	PMW-5-M-11Q1	REG	2/2/2011	25	TO-15	1,1-Dichloroethane	ug/m3	4.2	U	26000	No	6400	No
PMW-5-M	PMW-5-M-11Q1	REG	2/2/2011	25	TO-15	1,1-Dichloroethene	ug/m3	4.1	U	2600000	No	730000	No
PMW-5-M	PMW-5-M-11Q1	REG	2/2/2011	25	TO-15	Benzene	ug/m3	3.3	U	4700	No	1300	No
PMW-5-M	PMW-5-M-11Q1	REG	2/2/2011	25	TO-15	Chloroethane	ug/m3	2.7	U	67000000	No	NA	NA
PMW-5-M	PMW-5-M-11Q1	REG	2/2/2011	25	TO-15	Chloroform	ug/m3	12		1400	No	440	No
PMW-5-M	PMW-5-M-11Q1	REG	2/2/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4.1	U	NA	NA	220000	No
PMW-5-M	PMW-5-M-11Q1	REG	2/2/2011	25	TO-15	Ethylbenzene	ug/m3	4.5	U	17000	No	4100	No
PMW-5-M	PMW-5-M-11Q1	REG	2/2/2011	25	TO-15	Tetrachloroethene	ug/m3	7	U	7300	No	1800	No
PMW-5-M	PMW-5-M-11Q1	REG	2/2/2011	25	TO-15	Toluene	ug/m3	3.9	U	67000000	No	18000000	No
PMW-5-M	PMW-5-M-11Q1	REG	2/2/2011	25	TO-15	Trichloroethene	ug/m3	5.5	U	20000	No	5100	No
PMW-5-M	PMW-5-M-11Q1	REG	2/2/2011	25	TO-15	Vinyl chloride	ug/m3	2.6	U	7400	No	2300	No
PMW-5-U	PMW-5-U-10Q4	REG	11/5/2010	10	TO-15	1,1-Dichloroethane	ug/m3	15	U	13000	No	6400	No
PMW-5-U	PMW-5-U-10Q4	REG	11/5/2010	10	TO-15	1,1-Dichloroethene	ug/m3	14	U	1300000	No	730000	No
PMW-5-U	PMW-5-U-10Q4	REG	11/5/2010	10	TO-15	Benzene	ug/m3	12	U	2400	No	1300	No
PMW-5-U	PMW-5-U-10Q4	REG	11/5/2010	10	TO-15	Chloroethane	ug/m3	9.5	U	46000000	No	NA	NA
PMW-5-U	PMW-5-U-10Q4	REG	11/5/2010	10	TO-15	Chloroform	ug/m3	18	U	760	No	440	No
PMW-5-U	PMW-5-U-10Q4	REG	11/5/2010	10	TO-15	cis-1,2-Dichloroethene	ug/m3	14	U	NA	NA	220000	No
PMW-5-U	PMW-5-U-10Q4	REG	11/5/2010	10	TO-15	Ethylbenzene	ug/m3	21	J	8100	No	4100	No
PMW-5-U	PMW-5-U-10Q4	REG	11/5/2010	10	TO-15	Tetrachloroethene	ug/m3	25	U	3500	No	1800	No
PMW-5-U	PMW-5-U-10Q4	REG	11/5/2010	10	TO-15	Toluene	ug/m3	14	U	34000000	No	18000000	No
PMW-5-U	PMW-5-U-10Q4	REG	11/5/2010	10	TO-15	Trichloroethene	ug/m3	19	U	9900	No	5100	No
PMW-5-U	PMW-5-U-10Q4	REG	11/5/2010	10	TO-15	Vinyl chloride	ug/m3	9.2	U	3900	No	2300	No
PMW-5-U	PMW-5-U-11Q1	REG	2/2/2011	10	TO-15	1,1-Dichloroethane	ug/m3	4.3	U	13000	No	6400	No
PMW-5-U	PMW-5-U-11Q1	REG	2/2/2011	10	TO-15	1,1-Dichloroethene	ug/m3	4.2	U	1300000	No	730000	No
PMW-5-U	PMW-5-U-11Q1	REG	2/2/2011	10	TO-15	Benzene	ug/m3	3.4	U	2400	No	1300	No
PMW-5-U	PMW-5-U-11Q1	REG	2/2/2011	10	TO-15	Chloroethane	ug/m3	2.8	U	46000000	No	NA	NA
PMW-5-U	PMW-5-U-11Q1	REG	2/2/2011	10	TO-15	Chloroform	ug/m3	5.2	U	760	No	440	No
PMW-5-U	PMW-5-U-11Q1	REG	2/2/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	4.2	U	NA	NA	220000	No
PMW-5-U	PMW-5-U-11Q1	REG	2/2/2011	10	TO-15	Ethylbenzene	ug/m3	4.6	U	8100	No	4100	No
PMW-5-U	PMW-5-U-11Q1	REG	2/2/2011	10	TO-15	Tetrachloroethene	ug/m3	7.3	U	3500	No	1800	No
PMW-5-U	PMW-5-U-11Q1	REG	2/2/2011	10	TO-15	Toluene	ug/m3	4	U	34000000	No	18000000	No
PMW-5-U	PMW-5-U-11Q1	REG	2/2/2011	10	TO-15	Trichloroethene	ug/m3	5.7	U	9900	No	5100	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
PMW-5-U	PMW-5-U-11Q1	REG	2/2/2011	10	TO-15	Vinyl chloride	ug/m3	2.7	U	3900	No	2300	No
PMW-6-M	PMW-6-M-10Q4	REG	11/9/2010	25	TO-15	1,1-Dichloroethane	ug/m3	4.2	U	26000	No	6400	No
PMW-6-M	PMW-6-M-10Q4	REG	11/9/2010	25	TO-15	1,1-Dichloroethene	ug/m3	4.1	U	2600000	No	730000	No
PMW-6-M	PMW-6-M-10Q4	REG	11/9/2010	25	TO-15	Benzene	ug/m3	3.3	U	4700	No	1300	No
PMW-6-M	PMW-6-M-10Q4	REG	11/9/2010	25	TO-15	Chloroethane	ug/m3	2.7	U	67000000	No	NA	NA
PMW-6-M	PMW-6-M-10Q4	REG	11/9/2010	25	TO-15	Chloroform	ug/m3	5.1	U	1400	No	440	No
PMW-6-M	PMW-6-M-10Q4	REG	11/9/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4.1	U	NA	NA	220000	No
PMW-6-M	PMW-6-M-10Q4	REG	11/9/2010	25	TO-15	Ethylbenzene	ug/m3	10	J	17000	No	4100	No
PMW-6-M	PMW-6-M-10Q4	REG	11/9/2010	25	TO-15	Tetrachloroethene	ug/m3	7	U	7300	No	1800	No
PMW-6-M	PMW-6-M-10Q4	REG	11/9/2010	25	TO-15	Toluene	ug/m3	3.9	U	67000000	No	18000000	No
PMW-6-M	PMW-6-M-10Q4	REG	11/9/2010	25	TO-15	Trichloroethene	ug/m3	9.1	J	20000	No	5100	No
PMW-6-M	PMW-6-M-10Q4	REG	11/9/2010	25	TO-15	Vinyl chloride	ug/m3	2.6	U	7400	No	2300	No
PMW-6-M	PMW-6-M-11Q1	REG	2/2/2011	25	TO-15	1,1-Dichloroethane	ug/m3	3.9	U	26000	No	6400	No
PMW-6-M	PMW-6-M-11Q1	REG	2/2/2011	25	TO-15	1,1-Dichloroethene	ug/m3	3.8	U	2600000	No	730000	No
PMW-6-M	PMW-6-M-11Q1	REG	2/2/2011	25	TO-15	Benzene	ug/m3	3.1	U	4700	No	1300	No
PMW-6-M	PMW-6-M-11Q1	REG	2/2/2011	25	TO-15	Chloroethane	ug/m3	2.6	U	67000000	No	NA	NA
PMW-6-M	PMW-6-M-11Q1	REG	2/2/2011	25	TO-15	Chloroform	ug/m3	4.7	U	1400	No	440	No
PMW-6-M	PMW-6-M-11Q1	REG	2/2/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	3.8	U	NA	NA	220000	No
PMW-6-M	PMW-6-M-11Q1	REG	2/2/2011	25	TO-15	Ethylbenzene	ug/m3	4.2	U	17000	No	4100	No
PMW-6-M	PMW-6-M-11Q1	REG	2/2/2011	25	TO-15	Tetrachloroethene	ug/m3	6.6	U	7300	No	1800	No
PMW-6-M	PMW-6-M-11Q1	REG	2/2/2011	25	TO-15	Toluene	ug/m3	3.7	U	67000000	No	18000000	No
PMW-6-M	PMW-6-M-11Q1	REG	2/2/2011	25	TO-15	Trichloroethene	ug/m3	5.2	U	20000	No	5100	No
PMW-6-M	PMW-6-M-11Q1	REG	2/2/2011	25	TO-15	Vinyl chloride	ug/m3	2.5	U	7400	No	2300	No
PMW-6-U	PMW-6-U-10Q4	REG	11/7/2010	10	TO-15	1,1-Dichloroethane	ug/m3	12	U	13000	No	6400	No
PMW-6-U	PMW-6-U-10Q4	REG	11/7/2010	10	TO-15	1,1-Dichloroethene	ug/m3	12	U	1300000	No	730000	No
PMW-6-U	PMW-6-U-10Q4	REG	11/7/2010	10	TO-15	Benzene	ug/m3	9.4	U	2400	No	1300	No
PMW-6-U	PMW-6-U-10Q4	REG	11/7/2010	10	TO-15	Chloroethane	ug/m3	7.8	U	46000000	No	NA	NA
PMW-6-U	PMW-6-U-10Q4	REG	11/7/2010	10	TO-15	Chloroform	ug/m3	14	U	760	No	440	No
PMW-6-U	PMW-6-U-10Q4	REG	11/7/2010	10	TO-15	cis-1,2-Dichloroethene	ug/m3	12	U	NA	NA	220000	No
PMW-6-U	PMW-6-U-10Q4	REG	11/7/2010	10	TO-15	Ethylbenzene	ug/m3	13	U	8100	No	4100	No
PMW-6-U	PMW-6-U-10Q4	REG	11/7/2010	10	TO-15	Tetrachloroethene	ug/m3	20	U	3500	No	1800	No
PMW-6-U	PMW-6-U-10Q4	REG	11/7/2010	10	TO-15	Toluene	ug/m3	11	U	34000000	No	18000000	No
PMW-6-U	PMW-6-U-10Q4	REG	11/7/2010	10	TO-15	Trichloroethene	ug/m3	16	U	9900	No	5100	No
PMW-6-U	PMW-6-U-10Q4	REG	11/7/2010	10	TO-15	Vinyl chloride	ug/m3	7.5	U	3900	No	2300	No
PMW-6-U	PMW-6-U-11Q1	REG	2/2/2011	10	TO-15	1,1-Dichloroethane	ug/m3	4.1	U	13000	No	6400	No
PMW-6-U	PMW-6-U-11Q1	REG	2/2/2011	10	TO-15	1,1-Dichloroethene	ug/m3	4	U	1300000	No	730000	No
PMW-6-U	PMW-6-U-11Q1	REG	2/2/2011	10	TO-15	Benzene	ug/m3	3.2	U	2400	No	1300	No
PMW-6-U	PMW-6-U-11Q1	REG	2/2/2011	10	TO-15	Chloroethane	ug/m3	2.7	U	46000000	No	NA	NA
PMW-6-U	PMW-6-U-11Q1	REG	2/2/2011	10	TO-15	Chloroform	ug/m3	5	U	760	No	440	No
PMW-6-U	PMW-6-U-11Q1	REG	2/2/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	4	U	NA	NA	220000	No
PMW-6-U	PMW-6-U-11Q1	REG	2/2/2011	10	TO-15	Ethylbenzene	ug/m3	4.4	U	8100	No	4100	No
PMW-6-U	PMW-6-U-11Q1	REG	2/2/2011	10	TO-15	Tetrachloroethene	ug/m3	6.9	U	3500	No	1800	No
PMW-6-U	PMW-6-U-11Q1	REG	2/2/2011	10	TO-15	Toluene	ug/m3	3.8	U	34000000	No	18000000	No
PMW-6-U	PMW-6-U-11Q1	REG	2/2/2011	10	TO-15	Trichloroethene	ug/m3	5.5	U	9900	No	5100	No
PMW-6-U	PMW-6-U-11Q1	REG	2/2/2011	10	TO-15	Vinyl chloride	ug/m3	2.6	U	3900	No	2300	No
PMW-7-M	PMW-7-M-10Q4	REG	11/4/2010	25	TO-15	1,1-Dichloroethane	ug/m3	4.8	U	26000	No	6400	No
PMW-7-M	PMW-7-M-10Q4	REG	11/4/2010	25	TO-15	1,1-Dichloroethene	ug/m3	4.7	U	2600000	No	730000	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
PMW-7-M	PMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Benzene	ug/m3	7.1		4700	No	1300	No
PMW-7-M	PMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Chloroethane	ug/m3	3.1	U	67000000	No	NA	NA
PMW-7-M	PMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Chloroform	ug/m3	5.7	U	1400	No	440	No
PMW-7-M	PMW-7-M-10Q4	REG	11/4/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4.7	U	NA	NA	220000	No
PMW-7-M	PMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Ethylbenzene	ug/m3	37		17000	No	4100	No
PMW-7-M	PMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Tetrachloroethene	ug/m3	8	U	7300	No	1800	No
PMW-7-M	PMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Toluene	ug/m3	4.4	U	67000000	No	18000000	No
PMW-7-M	PMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Trichloroethene	ug/m3	6.3	U	20000	No	5100	No
PMW-7-M	PMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Vinyl chloride	ug/m3	3	U	7400	No	2300	No
PMW-7-M	PMW-7-M-11Q1	REG	2/2/2011	25	TO-15	1,1-Dichloroethane	ug/m3	12	U	26000	No	6400	No
PMW-7-M	PMW-7-M-11Q1	REG	2/2/2011	25	TO-15	1,1-Dichloroethene	ug/m3	12	U	2600000	No	730000	No
PMW-7-M	PMW-7-M-11Q1	REG	2/2/2011	25	TO-15	Benzene	ug/m3	9.5	U	4700	No	1300	No
PMW-7-M	PMW-7-M-11Q1	REG	2/2/2011	25	TO-15	Chloroethane	ug/m3	7.9	U	67000000	No	NA	NA
PMW-7-M	PMW-7-M-11Q1	REG	2/2/2011	25	TO-15	Chloroform	ug/m3	15	U	1400	No	440	No
PMW-7-M	PMW-7-M-11Q1	REG	2/2/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	12	U	NA	NA	220000	No
PMW-7-M	PMW-7-M-11Q1	REG	2/2/2011	25	TO-15	Ethylbenzene	ug/m3	46		17000	No	4100	No
PMW-7-M	PMW-7-M-11Q1	REG	2/2/2011	25	TO-15	Tetrachloroethene	ug/m3	20	U	7300	No	1800	No
PMW-7-M	PMW-7-M-11Q1	REG	2/2/2011	25	TO-15	Toluene	ug/m3	11	U	67000000	No	18000000	No
PMW-7-M	PMW-7-M-11Q1	REG	2/2/2011	25	TO-15	Trichloroethene	ug/m3	16	U	20000	No	5100	No
PMW-7-M	PMW-7-M-11Q1	REG	2/2/2011	25	TO-15	Vinyl chloride	ug/m3	7.6	U	7400	No	2300	No
PMW-7-U	PMW-7-U-10Q4	REG	11/4/2010	10	TO-15	1,1-Dichloroethane	ug/m3	9.6	U	13000	No	6400	No
PMW-7-U	PMW-7-U-10Q4	REG	11/4/2010	10	TO-15	1,1-Dichloroethene	ug/m3	9.4	U	1300000	No	730000	No
PMW-7-U	PMW-7-U-10Q4	REG	11/4/2010	10	TO-15	Benzene	ug/m3	7.6	U	2400	No	1300	No
PMW-7-U	PMW-7-U-10Q4	REG	11/4/2010	10	TO-15	Chloroethane	ug/m3	6.3	U	46000000	No	NA	NA
PMW-7-U	PMW-7-U-10Q4	REG	11/4/2010	10	TO-15	Chloroform	ug/m3	12	U	760	No	440	No
PMW-7-U	PMW-7-U-10Q4	REG	11/4/2010	10	TO-15	cis-1,2-Dichloroethene	ug/m3	9.4	U	NA	NA	220000	No
PMW-7-U	PMW-7-U-10Q4	REG	11/4/2010	10	TO-15	Ethylbenzene	ug/m3	58		8100	No	4100	No
PMW-7-U	PMW-7-U-10Q4	REG	11/4/2010	10	TO-15	Tetrachloroethene	ug/m3	16	U	3500	No	1800	No
PMW-7-U	PMW-7-U-10Q4	REG	11/4/2010	10	TO-15	Toluene	ug/m3	9	U	34000000	No	18000000	No
PMW-7-U	PMW-7-U-10Q4	REG	11/4/2010	10	TO-15	Trichloroethene	ug/m3	13	U	9900	No	5100	No
PMW-7-U	PMW-7-U-10Q4	REG	11/4/2010	10	TO-15	Vinyl chloride	ug/m3	6.1	U	3900	No	2300	No
PMW-7-U	PMW-7-U-11Q1	REG	2/2/2011	10	TO-15	1,1-Dichloroethane	ug/m3	24	U	13000	No	6400	No
PMW-7-U	PMW-7-U-11Q1	REG	2/2/2011	10	TO-15	1,1-Dichloroethene	ug/m3	23	U	1300000	No	730000	No
PMW-7-U	PMW-7-U-11Q1	REG	2/2/2011	10	TO-15	Benzene	ug/m3	19	U	2400	No	1300	No
PMW-7-U	PMW-7-U-11Q1	REG	2/2/2011	10	TO-15	Chloroethane	ug/m3	16	U	46000000	No	NA	NA
PMW-7-U	PMW-7-U-11Q1	REG	2/2/2011	10	TO-15	Chloroform	ug/m3	29	U	760	No	440	No
PMW-7-U	PMW-7-U-11Q1	REG	2/2/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	23	U	NA	NA	220000	No
PMW-7-U	PMW-7-U-11Q1	REG	2/2/2011	10	TO-15	Ethylbenzene	ug/m3	96		8100	No	4100	No
PMW-7-U	PMW-7-U-11Q1	REG	2/2/2011	10	TO-15	Tetrachloroethene	ug/m3	40	U	3500	No	1800	No
PMW-7-U	PMW-7-U-11Q1	REG	2/2/2011	10	TO-15	Toluene	ug/m3	22	U	34000000	No	18000000	No
PMW-7-U	PMW-7-U-11Q1	REG	2/2/2011	10	TO-15	Trichloroethene	ug/m3	32	U	9900	No	5100	No
PMW-7-U	PMW-7-U-11Q1	REG	2/2/2011	10	TO-15	Vinyl chloride	ug/m3	15	U	3900	No	2300	No
PMW-8-M	PMW-8-M-10Q4	REG	11/4/2010	25.5	TO-15	1,1-Dichloroethane	ug/m3	4.7	U	26000	No	6400	No
PMW-8-M	PMW-8-M-10Q4	REG	11/4/2010	25.5	TO-15	1,1-Dichloroethene	ug/m3	4.6	U	2600000	No	730000	No
PMW-8-M	PMW-8-M-10Q4	REG	11/4/2010	25.5	TO-15	Benzene	ug/m3	4.4		4700	No	1300	No
PMW-8-M	PMW-8-M-10Q4	REG	11/4/2010	25.5	TO-15	Chloroethane	ug/m3	3	U	67000000	No	NA	NA
PMW-8-M	PMW-8-M-10Q4	REG	11/4/2010	25.5	TO-15	Chloroform	ug/m3	5.6	U	1400	No	440	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
PMW-8-M	PMW-8-M-10Q4	REG	11/4/2010	25.5	TO-15	cis-1,2-Dichloroethene	ug/m3	4.6	U	NA	NA	220000	No
PMW-8-M	PMW-8-M-10Q4	REG	11/4/2010	25.5	TO-15	Ethylbenzene	ug/m3	21		17000	No	4100	No
PMW-8-M	PMW-8-M-10Q4	REG	11/4/2010	25.5	TO-15	Tetrachloroethene	ug/m3	7.8	U	7300	No	1800	No
PMW-8-M	PMW-8-M-10Q4	REG	11/4/2010	25.5	TO-15	Toluene	ug/m3	4.3	U	67000000	No	18000000	No
PMW-8-M	PMW-8-M-10Q4	REG	11/4/2010	25.5	TO-15	Trichloroethene	ug/m3	6.2	U	20000	No	5100	No
PMW-8-M	PMW-8-M-10Q4	REG	11/4/2010	25.5	TO-15	Vinyl chloride	ug/m3	2.9	U	7400	No	2300	No
PMW-8-M	PMW-8-M-11Q1	REG	2/2/2011	25.5	TO-15	1,1-Dichloroethane	ug/m3	3.9	U	26000	No	6400	No
PMW-8-M	PMW-8-M-11Q1	REG	2/2/2011	25.5	TO-15	1,1-Dichloroethene	ug/m3	3.9	U	2600000	No	730000	No
PMW-8-M	PMW-8-M-11Q1	REG	2/2/2011	25.5	TO-15	Benzene	ug/m3	3.1	U	4700	No	1300	No
PMW-8-M	PMW-8-M-11Q1	REG	2/2/2011	25.5	TO-15	Chloroethane	ug/m3	2.6	U	67000000	No	NA	NA
PMW-8-M	PMW-8-M-11Q1	REG	2/2/2011	25.5	TO-15	Chloroform	ug/m3	4.8	U	1400	No	440	No
PMW-8-M	PMW-8-M-11Q1	REG	2/2/2011	25.5	TO-15	cis-1,2-Dichloroethene	ug/m3	3.9	U	NA	NA	220000	No
PMW-8-M	PMW-8-M-11Q1	REG	2/2/2011	25.5	TO-15	Ethylbenzene	ug/m3	6.3		17000	No	4100	No
PMW-8-M	PMW-8-M-11Q1	REG	2/2/2011	25.5	TO-15	Tetrachloroethene	ug/m3	6.6	U	7300	No	1800	No
PMW-8-M	PMW-8-M-11Q1	REG	2/2/2011	25.5	TO-15	Toluene	ug/m3	3.7	U	67000000	No	18000000	No
PMW-8-M	PMW-8-M-11Q1	REG	2/2/2011	25.5	TO-15	Trichloroethene	ug/m3	5.2	U	20000	No	5100	No
PMW-8-M	PMW-8-M-11Q1	REG	2/2/2011	25.5	TO-15	Vinyl chloride	ug/m3	2.5	U	7400	No	2300	No
PMW-8-U	PMW-8-U-10Q4	REG	11/4/2010	10	TO-15	1,1-Dichloroethane	ug/m3	4.3	U	13000	No	6400	No
PMW-8-U	PMW-8-U-10Q4	REG	11/4/2010	10	TO-15	1,1-Dichloroethene	ug/m3	4.2	U	1300000	No	730000	No
PMW-8-U	PMW-8-U-10Q4	REG	11/4/2010	10	TO-15	Benzene	ug/m3	3.4	U	2400	No	1300	No
PMW-8-U	PMW-8-U-10Q4	REG	11/4/2010	10	TO-15	Chloroethane	ug/m3	2.8	U	46000000	No	NA	NA
PMW-8-U	PMW-8-U-10Q4	REG	11/4/2010	10	TO-15	Chloroform	ug/m3	5.2	U	760	No	440	No
PMW-8-U	PMW-8-U-10Q4	REG	11/4/2010	10	TO-15	cis-1,2-Dichloroethene	ug/m3	4.2	U	NA	NA	220000	No
PMW-8-U	PMW-8-U-10Q4	REG	11/4/2010	10	TO-15	Ethylbenzene	ug/m3	29		8100	No	4100	No
PMW-8-U	PMW-8-U-10Q4	REG	11/4/2010	10	TO-15	Tetrachloroethene	ug/m3	7.3	U	3500	No	1800	No
PMW-8-U	PMW-8-U-10Q4	REG	11/4/2010	10	TO-15	Toluene	ug/m3	4	U	34000000	No	18000000	No
PMW-8-U	PMW-8-U-10Q4	REG	11/4/2010	10	TO-15	Trichloroethene	ug/m3	5.7	U	9900	No	5100	No
PMW-8-U	PMW-8-U-10Q4	REG	11/4/2010	10	TO-15	Vinyl chloride	ug/m3	2.7	U	3900	No	2300	No
PMW-8-U	PMW-8-U-11Q1	REG	2/2/2011	10	TO-15	1,1-Dichloroethane	ug/m3	7.9	U	13000	No	6400	No
PMW-8-U	PMW-8-U-11Q1	REG	2/2/2011	10	TO-15	1,1-Dichloroethene	ug/m3	7.7	U	1300000	No	730000	No
PMW-8-U	PMW-8-U-11Q1	REG	2/2/2011	10	TO-15	Benzene	ug/m3	6.2	U	2400	No	1300	No
PMW-8-U	PMW-8-U-11Q1	REG	2/2/2011	10	TO-15	Chloroethane	ug/m3	5.1	U	46000000	No	NA	NA
PMW-8-U	PMW-8-U-11Q1	REG	2/2/2011	10	TO-15	Chloroform	ug/m3	9.5	U	760	No	440	No
PMW-8-U	PMW-8-U-11Q1	REG	2/2/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	7.7	U	NA	NA	220000	No
PMW-8-U	PMW-8-U-11Q1	REG	2/2/2011	10	TO-15	Ethylbenzene	ug/m3	8.4	U	8100	No	4100	No
PMW-8-U	PMW-8-U-11Q1	REG	2/2/2011	10	TO-15	Tetrachloroethene	ug/m3	13	U	3500	No	1800	No
PMW-8-U	PMW-8-U-11Q1	REG	2/2/2011	10	TO-15	Toluene	ug/m3	7.3	U	34000000	No	18000000	No
PMW-8-U	PMW-8-U-11Q1	REG	2/2/2011	10	TO-15	Trichloroethene	ug/m3	10	U	9900	No	5100	No
PMW-8-U	PMW-8-U-11Q1	REG	2/2/2011	10	TO-15	Vinyl chloride	ug/m3	5	U	3900	No	2300	No
PMW-9-M	PMW-9-M-10Q4	REG	11/4/2010	25.5	TO-15	1,1-Dichloroethane	ug/m3	3.8	U	26000	No	6400	No
PMW-9-M	PMW-9-M-10Q4	REG	11/4/2010	25.5	TO-15	1,1-Dichloroethene	ug/m3	3.7	U	2600000	No	730000	No
PMW-9-M	PMW-9-M-10Q4	REG	11/4/2010	25.5	TO-15	Benzene	ug/m3	3	U	4700	No	1300	No
PMW-9-M	PMW-9-M-10Q4	REG	11/4/2010	25.5	TO-15	Chloroethane	ug/m3	2.5	U	67000000	No	NA	NA
PMW-9-M	PMW-9-M-10Q4	REG	11/4/2010	25.5	TO-15	Chloroform	ug/m3	6.4		1400	No	440	No
PMW-9-M	PMW-9-M-10Q4	REG	11/4/2010	25.5	TO-15	cis-1,2-Dichloroethene	ug/m3	3.7	U	NA	NA	220000	No
PMW-9-M	PMW-9-M-10Q4	REG	11/4/2010	25.5	TO-15	Ethylbenzene	ug/m3	14		17000	No	4100	No
PMW-9-M	PMW-9-M-10Q4	REG	11/4/2010	25.5	TO-15	Tetrachloroethene	ug/m3	6.3	U	7300	No	1800	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
PMW-9-M	PMW-9-M-10Q4	REG	11/4/2010	25.5	TO-15	Toluene	ug/m3	3.5	U	67000000	No	18000000	No
PMW-9-M	PMW-9-M-10Q4	REG	11/4/2010	25.5	TO-15	Trichloroethene	ug/m3	5	U	20000	No	5100	No
PMW-9-M	PMW-9-M-10Q4	REG	11/4/2010	25.5	TO-15	Vinyl chloride	ug/m3	2.4	U	7400	No	2300	No
PMW-9-M	BSVE-SVM-11Q1-004	FD	2/2/2011	25.5	TO-15	1,1-Dichloroethane	ug/m3	4.1	U	26000	No	6400	No
PMW-9-M	BSVE-SVM-11Q1-004	FD	2/2/2011	25.5	TO-15	1,1-Dichloroethene	ug/m3	4	U	2600000	No	730000	No
PMW-9-M	BSVE-SVM-11Q1-004	FD	2/2/2011	25.5	TO-15	Benzene	ug/m3	3.2	U	4700	No	1300	No
PMW-9-M	BSVE-SVM-11Q1-004	FD	2/2/2011	25.5	TO-15	Chloroethane	ug/m3	2.7	U	67000000	No	NA	NA
PMW-9-M	BSVE-SVM-11Q1-004	FD	2/2/2011	25.5	TO-15	Chloroform	ug/m3	5	U	1400	No	440	No
PMW-9-M	BSVE-SVM-11Q1-004	FD	2/2/2011	25.5	TO-15	cis-1,2-Dichloroethene	ug/m3	4	U	NA	NA	220000	No
PMW-9-M	BSVE-SVM-11Q1-004	FD	2/2/2011	25.5	TO-15	Ethylbenzene	ug/m3	4.4	U	17000	No	4100	No
PMW-9-M	BSVE-SVM-11Q1-004	FD	2/2/2011	25.5	TO-15	Tetrachloroethene	ug/m3	6.9	U	7300	No	1800	No
PMW-9-M	BSVE-SVM-11Q1-004	FD	2/2/2011	25.5	TO-15	Toluene	ug/m3	3.8	U	67000000	No	18000000	No
PMW-9-M	BSVE-SVM-11Q1-004	FD	2/2/2011	25.5	TO-15	Trichloroethene	ug/m3	5.5	U	20000	No	5100	No
PMW-9-M	BSVE-SVM-11Q1-004	FD	2/2/2011	25.5	TO-15	Vinyl chloride	ug/m3	2.6	U	7400	No	2300	No
PMW-9-U	PMW-9-U-10Q4	REG	11/4/2010	9	TO-15	1,1-Dichloroethane	ug/m3	4	U	13000	No	6400	No
PMW-9-U	PMW-9-U-10Q4	REG	11/4/2010	9	TO-15	1,1-Dichloroethene	ug/m3	3.9	U	1300000	No	730000	No
PMW-9-U	PMW-9-U-10Q4	REG	11/4/2010	9	TO-15	Benzene	ug/m3	3.2	U	2400	No	1300	No
PMW-9-U	PMW-9-U-10Q4	REG	11/4/2010	9	TO-15	Chloroethane	ug/m3	2.6	U	46000000	No	NA	NA
PMW-9-U	PMW-9-U-10Q4	REG	11/4/2010	9	TO-15	Chloroform	ug/m3	4.9	U	760	No	440	No
PMW-9-U	PMW-9-U-10Q4	REG	11/4/2010	9	TO-15	cis-1,2-Dichloroethene	ug/m3	3.9	U	NA	NA	220000	No
PMW-9-U	PMW-9-U-10Q4	REG	11/4/2010	9	TO-15	Ethylbenzene	ug/m3	16		8100	No	4100	No
PMW-9-U	PMW-9-U-10Q4	REG	11/4/2010	9	TO-15	Tetrachloroethene	ug/m3	6.7	U	3500	No	1800	No
PMW-9-U	PMW-9-U-10Q4	REG	11/4/2010	9	TO-15	Toluene	ug/m3	3.7	U	34000000	No	18000000	No
PMW-9-U	PMW-9-U-10Q4	REG	11/4/2010	9	TO-15	Trichloroethene	ug/m3	5.3	U	9900	No	5100	No
PMW-9-U	PMW-9-U-10Q4	REG	11/4/2010	9	TO-15	Vinyl chloride	ug/m3	2.5	U	3900	No	2300	No
PMW-9-U	PMW-9-U-11Q1	REG	2/2/2011	9	TO-15	1,1-Dichloroethane	ug/m3	4.1	U	13000	No	6400	No
PMW-9-U	PMW-9-U-11Q1	REG	2/2/2011	9	TO-15	1,1-Dichloroethene	ug/m3	4	U	1300000	No	730000	No
PMW-9-U	PMW-9-U-11Q1	REG	2/2/2011	9	TO-15	Benzene	ug/m3	3.2	U	2400	No	1300	No
PMW-9-U	PMW-9-U-11Q1	REG	2/2/2011	9	TO-15	Chloroethane	ug/m3	2.7	U	46000000	No	NA	NA
PMW-9-U	PMW-9-U-11Q1	REG	2/2/2011	9	TO-15	Chloroform	ug/m3	4.9	U	760	No	440	No
PMW-9-U	PMW-9-U-11Q1	REG	2/2/2011	9	TO-15	cis-1,2-Dichloroethene	ug/m3	4	U	NA	NA	220000	No
PMW-9-U	PMW-9-U-11Q1	REG	2/2/2011	9	TO-15	Ethylbenzene	ug/m3	4.4	U	8100	No	4100	No
PMW-9-U	PMW-9-U-11Q1	REG	2/2/2011	9	TO-15	Tetrachloroethene	ug/m3	6.9	U	3500	No	1800	No
PMW-9-U	PMW-9-U-11Q1	REG	2/2/2011	9	TO-15	Toluene	ug/m3	3.8	U	34000000	No	18000000	No
PMW-9-U	PMW-9-U-11Q1	REG	2/2/2011	9	TO-15	Trichloroethene	ug/m3	5.4	U	9900	No	5100	No
PMW-9-U	PMW-9-U-11Q1	REG	2/2/2011	9	TO-15	Vinyl chloride	ug/m3	2.6	U	3900	No	2300	No
SMW-10-M	SMW-10-M-10Q4	REG	11/16/2010	25	TO-15	1,1-Dichloroethane	ug/m3	4.1	U	26000	No	6400	No
SMW-10-M	SMW-10-M-10Q4	REG	11/16/2010	25	TO-15	1,1-Dichloroethene	ug/m3	4	U	2600000	No	730000	No
SMW-10-M	SMW-10-M-10Q4	REG	11/16/2010	25	TO-15	Benzene	ug/m3	3.2	U	4700	No	1300	No
SMW-10-M	SMW-10-M-10Q4	REG	11/16/2010	25	TO-15	Chloroethane	ug/m3	2.7	U	67000000	No	NA	NA
SMW-10-M	SMW-10-M-10Q4	REG	11/16/2010	25	TO-15	Chloroform	ug/m3	4.9	U	1400	No	440	No
SMW-10-M	SMW-10-M-10Q4	REG	11/16/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4	U	NA	NA	220000	No
SMW-10-M	SMW-10-M-10Q4	REG	11/16/2010	25	TO-15	Ethylbenzene	ug/m3	4.4	U	17000	No	4100	No
SMW-10-M	SMW-10-M-10Q4	REG	11/16/2010	25	TO-15	Tetrachloroethene	ug/m3	13		7300	No	1800	No
SMW-10-M	SMW-10-M-10Q4	REG	11/16/2010	25	TO-15	Toluene	ug/m3	3.8	U	67000000	No	18000000	No
SMW-10-M	SMW-10-M-10Q4	REG	11/16/2010	25	TO-15	Trichloroethene	ug/m3	5.4	U	20000	No	5100	No
SMW-10-M	SMW-10-M-10Q4	REG	11/16/2010	25	TO-15	Vinyl chloride	ug/m3	2.6	U	7400	No	2300	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SMW-10-U	SMW-10-U-10Q4	REG	11/16/2010	9	TO-15	1,1-Dichloroethane	ug/m3	4.2	U	13000	No	6400	No
SMW-10-U	SMW-10-U-10Q4	REG	11/16/2010	9	TO-15	1,1-Dichloroethene	ug/m3	4.2	U	1300000	No	730000	No
SMW-10-U	SMW-10-U-10Q4	REG	11/16/2010	9	TO-15	Benzene	ug/m3	3.4	U	2400	No	1300	No
SMW-10-U	SMW-10-U-10Q4	REG	11/16/2010	9	TO-15	Chloroethane	ug/m3	2.8	U	46000000	No	NA	NA
SMW-10-U	SMW-10-U-10Q4	REG	11/16/2010	9	TO-15	Chloroform	ug/m3	5.1	U	760	No	440	No
SMW-10-U	SMW-10-U-10Q4	REG	11/16/2010	9	TO-15	cis-1,2-Dichloroethene	ug/m3	4.2	U	NA	NA	220000	No
SMW-10-U	SMW-10-U-10Q4	REG	11/16/2010	9	TO-15	Ethylbenzene	ug/m3	4.6	U	8100	No	4100	No
SMW-10-U	SMW-10-U-10Q4	REG	11/16/2010	9	TO-15	Tetrachloroethene	ug/m3	14		3500	No	1800	No
SMW-10-U	SMW-10-U-10Q4	REG	11/16/2010	9	TO-15	Toluene	ug/m3	4	U	34000000	No	18000000	No
SMW-10-U	SMW-10-U-10Q4	REG	11/16/2010	9	TO-15	Trichloroethene	ug/m3	5.6	U	9900	No	5100	No
SMW-10-U	SMW-10-U-10Q4	REG	11/16/2010	9	TO-15	Vinyl chloride	ug/m3	2.7	U	3900	No	2300	No
SMW-12-M	SMW-12-M-10Q4	REG	11/24/2010	25	TO-15	1,1-Dichloroethane	ug/m3	6.6	U	26000	No	6400	No
SMW-12-M	SMW-12-M-10Q4	REG	11/24/2010	25	TO-15	1,1-Dichloroethene	ug/m3	6.4	U	2600000	No	730000	No
SMW-12-M	SMW-12-M-10Q4	REG	11/24/2010	25	TO-15	Benzene	ug/m3	5.2	U	4700	No	1300	No
SMW-12-M	SMW-12-M-10Q4	REG	11/24/2010	25	TO-15	Chloroethane	ug/m3	4.3	U	67000000	No	NA	NA
SMW-12-M	SMW-12-M-10Q4	REG	11/24/2010	25	TO-15	Chloroform	ug/m3	7.9	U	1400	No	440	No
SMW-12-M	SMW-12-M-10Q4	REG	11/24/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	6.4	U	NA	NA	220000	No
SMW-12-M	SMW-12-M-10Q4	REG	11/24/2010	25	TO-15	Ethylbenzene	ug/m3	7	U	17000	No	4100	No
SMW-12-M	SMW-12-M-10Q4	REG	11/24/2010	25	TO-15	Tetrachloroethene	ug/m3	120		7300	No	1800	No
SMW-12-M	SMW-12-M-10Q4	REG	11/24/2010	25	TO-15	Toluene	ug/m3	6.1	U	67000000	No	18000000	No
SMW-12-M	SMW-12-M-10Q4	REG	11/24/2010	25	TO-15	Trichloroethene	ug/m3	8.7	U	20000	No	5100	No
SMW-12-M	SMW-12-M-10Q4	REG	11/24/2010	25	TO-15	Vinyl chloride	ug/m3	4.1	U	7400	No	2300	No
SMW-12-U	SMW-12-U-10Q4	REG	11/24/2010	9	TO-15	1,1-Dichloroethane	ug/m3	5.3	U	13000	No	6400	No
SMW-12-U	SMW-12-U-10Q4	REG	11/24/2010	9	TO-15	1,1-Dichloroethene	ug/m3	5.2	U	1300000	No	730000	No
SMW-12-U	SMW-12-U-10Q4	REG	11/24/2010	9	TO-15	Benzene	ug/m3	4.2	U	2400	No	1300	No
SMW-12-U	SMW-12-U-10Q4	REG	11/24/2010	9	TO-15	Chloroethane	ug/m3	3.5	U	46000000	No	NA	NA
SMW-12-U	SMW-12-U-10Q4	REG	11/24/2010	9	TO-15	Chloroform	ug/m3	6.4	U	760	No	440	No
SMW-12-U	SMW-12-U-10Q4	REG	11/24/2010	9	TO-15	cis-1,2-Dichloroethene	ug/m3	5.2	U	NA	NA	220000	No
SMW-12-U	SMW-12-U-10Q4	REG	11/24/2010	9	TO-15	Ethylbenzene	ug/m3	5.7	U	8100	No	4100	No
SMW-12-U	SMW-12-U-10Q4	REG	11/24/2010	9	TO-15	Tetrachloroethene	ug/m3	31		3500	No	1800	No
SMW-12-U	SMW-12-U-10Q4	REG	11/24/2010	9	TO-15	Toluene	ug/m3	5	U	34000000	No	18000000	No
SMW-12-U	SMW-12-U-10Q4	REG	11/24/2010	9	TO-15	Trichloroethene	ug/m3	7.1	U	9900	No	5100	No
SMW-12-U	SMW-12-U-10Q4	REG	11/24/2010	9	TO-15	Vinyl chloride	ug/m3	3.4	U	3900	No	2300	No
SMW-13-M	SMW-13-M-11Q1	REG	2/9/2011	24	TO-15	1,1-Dichloroethane	ug/m3	8.7	U	26000	No	6400	No
SMW-13-M	SMW-13-M-11Q1	REG	2/9/2011	24	TO-15	1,1-Dichloroethene	ug/m3	8.5	U	2600000	No	730000	No
SMW-13-M	SMW-13-M-11Q1	REG	2/9/2011	24	TO-15	Benzene	ug/m3	9.5	J	4700	No	1300	No
SMW-13-M	SMW-13-M-11Q1	REG	2/9/2011	24	TO-15	Chloroethane	ug/m3	5.7	U	67000000	No	NA	NA
SMW-13-M	SMW-13-M-11Q1	REG	2/9/2011	24	TO-15	Chloroform	ug/m3	10	U	1400	No	440	No
SMW-13-M	SMW-13-M-11Q1	REG	2/9/2011	24	TO-15	cis-1,2-Dichloroethene	ug/m3	8.5	U	NA	NA	220000	No
SMW-13-M	SMW-13-M-11Q1	REG	2/9/2011	24	TO-15	Ethylbenzene	ug/m3	14	J	17000	No	4100	No
SMW-13-M	SMW-13-M-11Q1	REG	2/9/2011	24	TO-15	Tetrachloroethene	ug/m3	19	J	7300	No	1800	No
SMW-13-M	SMW-13-M-11Q1	REG	2/9/2011	24	TO-15	Toluene	ug/m3	8.1	U	67000000	No	18000000	No
SMW-13-M	SMW-13-M-11Q1	REG	2/9/2011	24	TO-15	Trichloroethene	ug/m3	12	U	20000	No	5100	No
SMW-13-M	SMW-13-M-11Q1	REG	2/9/2011	24	TO-15	Vinyl chloride	ug/m3	5.5	U	7400	No	2300	No
SMW-13-U	SMW-13-U-11Q1	REG	2/9/2011	9	TO-15	1,1-Dichloroethane	ug/m3	8.8	U	13000	No	6400	No
SMW-13-U	SMW-13-U-11Q1	REG	2/9/2011	9	TO-15	1,1-Dichloroethene	ug/m3	8.6	U	1300000	No	730000	No
SMW-13-U	SMW-13-U-11Q1	REG	2/9/2011	9	TO-15	Benzene	ug/m3	16	J	2400	No	1300	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SMW-13-U	SMW-13-U-11Q1	REG	2/9/2011	9	TO-15	Chloroethane	ug/m3	5.8	U	46000000	No	NA	NA
SMW-13-U	SMW-13-U-11Q1	REG	2/9/2011	9	TO-15	Chloroform	ug/m3	11	U	760	No	440	No
SMW-13-U	SMW-13-U-11Q1	REG	2/9/2011	9	TO-15	cis-1,2-Dichloroethene	ug/m3	8.6	U	NA	NA	220000	No
SMW-13-U	SMW-13-U-11Q1	REG	2/9/2011	9	TO-15	Ethylbenzene	ug/m3	14	J	8100	No	4100	No
SMW-13-U	SMW-13-U-11Q1	REG	2/9/2011	9	TO-15	Tetrachloroethene	ug/m3	17	J	3500	No	1800	No
SMW-13-U	SMW-13-U-11Q1	REG	2/9/2011	9	TO-15	Toluene	ug/m3	8.2	U	34000000	No	18000000	No
SMW-13-U	SMW-13-U-11Q1	REG	2/9/2011	9	TO-15	Trichloroethene	ug/m3	12	U	9900	No	5100	No
SMW-13-U	SMW-13-U-11Q1	REG	2/9/2011	9	TO-15	Vinyl chloride	ug/m3	5.6	U	3900	No	2300	No
SMW-1-M	SMW-1-M-11Q1	REG	2/11/2011	25	TO-15	1,1-Dichloroethane	ug/m3	11		26000	No	6400	No
SMW-1-M	SMW-1-M-11Q1	REG	2/11/2011	25	TO-15	1,1-Dichloroethene	ug/m3	7.5	U	2600000	No	730000	No
SMW-1-M	SMW-1-M-11Q1	REG	2/11/2011	25	TO-15	Benzene	ug/m3	6.1	U	4700	No	1300	No
SMW-1-M	SMW-1-M-11Q1	REG	2/11/2011	25	TO-15	Chloroethane	ug/m3	5	U	67000000	No	NA	NA
SMW-1-M	SMW-1-M-11Q1	REG	2/11/2011	25	TO-15	Chloroform	ug/m3	24		1400	No	440	No
SMW-1-M	SMW-1-M-11Q1	REG	2/11/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	7.5	U	NA	NA	220000	No
SMW-1-M	SMW-1-M-11Q1	REG	2/11/2011	25	TO-15	Ethylbenzene	ug/m3	8.3	U	17000	No	4100	No
SMW-1-M	SMW-1-M-11Q1	REG	2/11/2011	25	TO-15	Tetrachloroethene	ug/m3	53		7300	No	1800	No
SMW-1-M	SMW-1-M-11Q1	REG	2/11/2011	25	TO-15	Toluene	ug/m3	7.2	U	67000000	No	18000000	No
SMW-1-M	SMW-1-M-11Q1	REG	2/11/2011	25	TO-15	Trichloroethene	ug/m3	69		20000	No	5100	No
SMW-1-M	SMW-1-M-11Q1	REG	2/11/2011	25	TO-15	Vinyl chloride	ug/m3	4.9	U	7400	No	2300	No
SMW-1-U	SMW-1-U-11Q1	REG	2/11/2011	10	TO-15	1,1-Dichloroethane	ug/m3	7.6	U	13000	No	6400	No
SMW-1-U	SMW-1-U-11Q1	REG	2/11/2011	10	TO-15	1,1-Dichloroethene	ug/m3	7.4	U	1300000	No	730000	No
SMW-1-U	SMW-1-U-11Q1	REG	2/11/2011	10	TO-15	Benzene	ug/m3	6	U	2400	No	1300	No
SMW-1-U	SMW-1-U-11Q1	REG	2/11/2011	10	TO-15	Chloroethane	ug/m3	4.9	U	46000000	No	NA	NA
SMW-1-U	SMW-1-U-11Q1	REG	2/11/2011	10	TO-15	Chloroform	ug/m3	9.1	U	760	No	440	No
SMW-1-U	SMW-1-U-11Q1	REG	2/11/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	7.4	U	NA	NA	220000	No
SMW-1-U	SMW-1-U-11Q1	REG	2/11/2011	10	TO-15	Ethylbenzene	ug/m3	8.1	U	8100	No	4100	No
SMW-1-U	SMW-1-U-11Q1	REG	2/11/2011	10	TO-15	Tetrachloroethene	ug/m3	13	U	3500	No	1800	No
SMW-1-U	SMW-1-U-11Q1	REG	2/11/2011	10	TO-15	Toluene	ug/m3	7	U	34000000	No	18000000	No
SMW-1-U	SMW-1-U-11Q1	REG	2/11/2011	10	TO-15	Trichloroethene	ug/m3	10	U	9900	No	5100	No
SMW-1-U	SMW-1-U-11Q1	REG	2/11/2011	10	TO-15	Vinyl chloride	ug/m3	4.8	U	3900	No	2300	No
SMW-2-M	BSVE-SVM-10Q4-004	FD	11/3/2010	25	TO-15	1,1-Dichloroethane	ug/m3	4.5	U	26000	No	6400	No
SMW-2-M	BSVE-SVM-10Q4-004	FD	11/3/2010	25	TO-15	1,1-Dichloroethene	ug/m3	4.4	U	2600000	No	730000	No
SMW-2-M	BSVE-SVM-10Q4-004	FD	11/3/2010	25	TO-15	Benzene	ug/m3	3.6	U	4700	No	1300	No
SMW-2-M	BSVE-SVM-10Q4-004	FD	11/3/2010	25	TO-15	Chloroethane	ug/m3	3	U	67000000	No	NA	NA
SMW-2-M	BSVE-SVM-10Q4-004	FD	11/3/2010	25	TO-15	Chloroform	ug/m3	5.5	U	1400	No	440	No
SMW-2-M	BSVE-SVM-10Q4-004	FD	11/3/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4.4	U	NA	NA	220000	No
SMW-2-M	BSVE-SVM-10Q4-004	FD	11/3/2010	25	TO-15	Ethylbenzene	ug/m3	4.9	U	17000	No	4100	No
SMW-2-M	BSVE-SVM-10Q4-004	FD	11/3/2010	25	TO-15	Tetrachloroethene	ug/m3	7.6	U	7300	No	1800	No
SMW-2-M	BSVE-SVM-10Q4-004	FD	11/3/2010	25	TO-15	Toluene	ug/m3	4.2	U	67000000	No	18000000	No
SMW-2-M	BSVE-SVM-10Q4-004	FD	11/3/2010	25	TO-15	Trichloroethene	ug/m3	6	U	20000	No	5100	No
SMW-2-M	BSVE-SVM-10Q4-004	FD	11/3/2010	25	TO-15	Vinyl chloride	ug/m3	2.9	U	7400	No	2300	No
SMW-3-M	SMW-3-M-11Q1	REG	2/11/2011	25	TO-15	1,1-Dichloroethane	ug/m3	6		26000	No	6400	No
SMW-3-M	SMW-3-M-11Q1	REG	2/11/2011	25	TO-15	1,1-Dichloroethene	ug/m3	4.2	U	2600000	No	730000	No
SMW-3-M	SMW-3-M-11Q1	REG	2/11/2011	25	TO-15	Benzene	ug/m3	3.4	U	4700	No	1300	No
SMW-3-M	SMW-3-M-11Q1	REG	2/11/2011	25	TO-15	Chloroethane	ug/m3	2.8	U	67000000	No	NA	NA
SMW-3-M	SMW-3-M-11Q1	REG	2/11/2011	25	TO-15	Chloroform	ug/m3	140		1400	No	440	No
SMW-3-M	SMW-3-M-11Q1	REG	2/11/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4.2	U	NA	NA	220000	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SMW-3-M	SMW-3-M-11Q1	REG	2/11/2011	25	TO-15	Ethylbenzene	ug/m3	4.6	U	17000	No	4100	No
SMW-3-M	SMW-3-M-11Q1	REG	2/11/2011	25	TO-15	Tetrachloroethene	ug/m3	34		7300	No	1800	No
SMW-3-M	SMW-3-M-11Q1	REG	2/11/2011	25	TO-15	Toluene	ug/m3	4	U	67000000	No	18000000	No
SMW-3-M	SMW-3-M-11Q1	REG	2/11/2011	25	TO-15	Trichloroethene	ug/m3	22		20000	No	5100	No
SMW-3-M	SMW-3-M-11Q1	REG	2/11/2011	25	TO-15	Vinyl chloride	ug/m3	2.7	U	7400	No	2300	No
SMW-3-U	SMW-3-U-11Q1	REG	2/11/2011	10	TO-15	1,1-Dichloroethane	ug/m3	8.3	U	13000	No	6400	No
SMW-3-U	SMW-3-U-11Q1	REG	2/11/2011	10	TO-15	1,1-Dichloroethene	ug/m3	8.2	U	1300000	No	730000	No
SMW-3-U	SMW-3-U-11Q1	REG	2/11/2011	10	TO-15	Benzene	ug/m3	6.6	U	2400	No	1300	No
SMW-3-U	SMW-3-U-11Q1	REG	2/11/2011	10	TO-15	Chloroethane	ug/m3	5.4	U	46000000	No	NA	NA
SMW-3-U	SMW-3-U-11Q1	REG	2/11/2011	10	TO-15	Chloroform	ug/m3	200		760	No	440	No
SMW-3-U	SMW-3-U-11Q1	REG	2/11/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	8.2	U	NA	NA	220000	No
SMW-3-U	SMW-3-U-11Q1	REG	2/11/2011	10	TO-15	Ethylbenzene	ug/m3	8.9	U	8100	No	4100	No
SMW-3-U	SMW-3-U-11Q1	REG	2/11/2011	10	TO-15	Tetrachloroethene	ug/m3	21		3500	No	1800	No
SMW-3-U	SMW-3-U-11Q1	REG	2/11/2011	10	TO-15	Toluene	ug/m3	7.8	U	34000000	No	18000000	No
SMW-3-U	SMW-3-U-11Q1	REG	2/11/2011	10	TO-15	Trichloroethene	ug/m3	21		9900	No	5100	No
SMW-3-U	SMW-3-U-11Q1	REG	2/11/2011	10	TO-15	Vinyl chloride	ug/m3	5.3	U	3900	No	2300	No
SMW-4-M	SMW-4-M-10Q4	REG	11/3/2010	25	TO-15	1,1-Dichloroethane	ug/m3	37		26000	No	6400	No
SMW-4-M	SMW-4-M-10Q4	REG	11/3/2010	25	TO-15	1,1-Dichloroethene	ug/m3	4.6	U	2600000	No	730000	No
SMW-4-M	SMW-4-M-10Q4	REG	11/3/2010	25	TO-15	Benzene	ug/m3	3.7	U	4700	No	1300	No
SMW-4-M	SMW-4-M-10Q4	REG	11/3/2010	25	TO-15	Chloroethane	ug/m3	3	U	67000000	No	NA	NA
SMW-4-M	SMW-4-M-10Q4	REG	11/3/2010	25	TO-15	Chloroform	ug/m3	10		1400	No	440	No
SMW-4-M	SMW-4-M-10Q4	REG	11/3/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4.6	U	NA	NA	220000	No
SMW-4-M	SMW-4-M-10Q4	REG	11/3/2010	25	TO-15	Ethylbenzene	ug/m3	5	U	17000	No	4100	No
SMW-4-M	SMW-4-M-10Q4	REG	11/3/2010	25	TO-15	Tetrachloroethene	ug/m3	36		7300	No	1800	No
SMW-4-M	SMW-4-M-10Q4	REG	11/3/2010	25	TO-15	Toluene	ug/m3	4.3	U	67000000	No	18000000	No
SMW-4-M	SMW-4-M-10Q4	REG	11/3/2010	25	TO-15	Trichloroethene	ug/m3	58		20000	No	5100	No
SMW-4-M	SMW-4-M-10Q4	REG	11/3/2010	25	TO-15	Vinyl chloride	ug/m3	2.9	U	7400	No	2300	No
SMW-5-M	SMW-5-M-11Q1	REG	2/11/2011	25	TO-15	1,1-Dichloroethane	ug/m3	4.2	U	26000	No	6400	No
SMW-5-M	SMW-5-M-11Q1	REG	2/11/2011	25	TO-15	1,1-Dichloroethene	ug/m3	4.1	U	2600000	No	730000	No
SMW-5-M	SMW-5-M-11Q1	REG	2/11/2011	25	TO-15	Benzene	ug/m3	3.3	U	4700	No	1300	No
SMW-5-M	SMW-5-M-11Q1	REG	2/11/2011	25	TO-15	Chloroethane	ug/m3	2.7	U	67000000	No	NA	NA
SMW-5-M	SMW-5-M-11Q1	REG	2/11/2011	25	TO-15	Chloroform	ug/m3	15		1400	No	440	No
SMW-5-M	SMW-5-M-11Q1	REG	2/11/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4.1	U	NA	NA	220000	No
SMW-5-M	SMW-5-M-11Q1	REG	2/11/2011	25	TO-15	Ethylbenzene	ug/m3	4.5	U	17000	No	4100	No
SMW-5-M	SMW-5-M-11Q1	REG	2/11/2011	25	TO-15	Tetrachloroethene	ug/m3	350		7300	No	1800	No
SMW-5-M	SMW-5-M-11Q1	REG	2/11/2011	25	TO-15	Toluene	ug/m3	3.9	U	67000000	No	18000000	No
SMW-5-M	SMW-5-M-11Q1	REG	2/11/2011	25	TO-15	Trichloroethene	ug/m3	98		20000	No	5100	No
SMW-5-M	SMW-5-M-11Q1	REG	2/11/2011	25	TO-15	Vinyl chloride	ug/m3	2.6	U	7400	No	2300	No
SMW-5-U	SMW-5-U-11Q1	REG	2/11/2011	10	TO-15	1,1-Dichloroethane	ug/m3	4.3	U	13000	No	6400	No
SMW-5-U	SMW-5-U-11Q1	REG	2/11/2011	10	TO-15	1,1-Dichloroethene	ug/m3	4.2	U	1300000	No	730000	No
SMW-5-U	SMW-5-U-11Q1	REG	2/11/2011	10	TO-15	Benzene	ug/m3	3.4	U	2400	No	1300	No
SMW-5-U	SMW-5-U-11Q1	REG	2/11/2011	10	TO-15	Chloroethane	ug/m3	2.8	U	46000000	No	NA	NA
SMW-5-U	SMW-5-U-11Q1	REG	2/11/2011	10	TO-15	Chloroform	ug/m3	5.2	U	760	No	440	No
SMW-5-U	SMW-5-U-11Q1	REG	2/11/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	4.2	U	NA	NA	220000	No
SMW-5-U	SMW-5-U-11Q1	REG	2/11/2011	10	TO-15	Ethylbenzene	ug/m3	4.6	U	8100	No	4100	No
SMW-5-U	SMW-5-U-11Q1	REG	2/11/2011	10	TO-15	Tetrachloroethene	ug/m3	310		3500	No	1800	No
SMW-5-U	SMW-5-U-11Q1	REG	2/11/2011	10	TO-15	Toluene	ug/m3	4	U	34000000	No	18000000	No

TABLE 3
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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SMW-5-U	SMW-5-U-11Q1	REG	2/11/2011	10	TO-15	Trichloroethene	ug/m3	11		9900	No	5100	No
SMW-5-U	SMW-5-U-11Q1	REG	2/11/2011	10	TO-15	Vinyl chloride	ug/m3	2.7	U	3900	No	2300	No
SMW-6-M	SMW-6-M-10Q4	REG	11/3/2010	25	TO-15	1,1-Dichloroethane	ug/m3	4.4	U	26000	No	6400	No
SMW-6-M	SMW-6-M-10Q4	REG	11/3/2010	25	TO-15	1,1-Dichloroethene	ug/m3	4.3	U	2600000	No	730000	No
SMW-6-M	SMW-6-M-10Q4	REG	11/3/2010	25	TO-15	Benzene	ug/m3	3.5	U	4700	No	1300	No
SMW-6-M	SMW-6-M-10Q4	REG	11/3/2010	25	TO-15	Chloroethane	ug/m3	2.8	U	67000000	No	NA	NA
SMW-6-M	SMW-6-M-10Q4	REG	11/3/2010	25	TO-15	Chloroform	ug/m3	5.3	U	1400	No	440	No
SMW-6-M	SMW-6-M-10Q4	REG	11/3/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4.3	U	NA	NA	220000	No
SMW-6-M	SMW-6-M-10Q4	REG	11/3/2010	25	TO-15	Ethylbenzene	ug/m3	4.7	U	17000	No	4100	No
SMW-6-M	SMW-6-M-10Q4	REG	11/3/2010	25	TO-15	Tetrachloroethene	ug/m3	13		7300	No	1800	No
SMW-6-M	SMW-6-M-10Q4	REG	11/3/2010	25	TO-15	Toluene	ug/m3	4.1	U	67000000	No	18000000	No
SMW-6-M	SMW-6-M-10Q4	REG	11/3/2010	25	TO-15	Trichloroethene	ug/m3	40		20000	No	5100	No
SMW-6-M	SMW-6-M-10Q4	REG	11/3/2010	25	TO-15	Vinyl chloride	ug/m3	2.8	U	7400	No	2300	No
SMW-6-U	SMW-6-U-10Q4	REG	11/3/2010	10	TO-15	1,1-Dichloroethane	ug/m3	4.5	U	13000	No	6400	No
SMW-6-U	SMW-6-U-10Q4	REG	11/3/2010	10	TO-15	1,1-Dichloroethene	ug/m3	4.4	U	1300000	No	730000	No
SMW-6-U	SMW-6-U-10Q4	REG	11/3/2010	10	TO-15	Benzene	ug/m3	3.6	U	2400	No	1300	No
SMW-6-U	SMW-6-U-10Q4	REG	11/3/2010	10	TO-15	Chloroethane	ug/m3	3	U	46000000	No	NA	NA
SMW-6-U	SMW-6-U-10Q4	REG	11/3/2010	10	TO-15	Chloroform	ug/m3	5.5	U	760	No	440	No
SMW-6-U	SMW-6-U-10Q4	REG	11/3/2010	10	TO-15	cis-1,2-Dichloroethene	ug/m3	4.4	U	NA	NA	220000	No
SMW-6-U	SMW-6-U-10Q4	REG	11/3/2010	10	TO-15	Ethylbenzene	ug/m3	4.9	U	8100	No	4100	No
SMW-6-U	SMW-6-U-10Q4	REG	11/3/2010	10	TO-15	Tetrachloroethene	ug/m3	7.6	U	3500	No	1800	No
SMW-6-U	SMW-6-U-10Q4	REG	11/3/2010	10	TO-15	Toluene	ug/m3	4.8		34000000	No	18000000	No
SMW-6-U	SMW-6-U-10Q4	REG	11/3/2010	10	TO-15	Trichloroethene	ug/m3	20		9900	No	5100	No
SMW-6-U	SMW-6-U-10Q4	REG	11/3/2010	10	TO-15	Vinyl chloride	ug/m3	2.9	U	3900	No	2300	No
SMW-7-M	SMW-7-M-10Q4	REG	11/4/2010	25	TO-15	1,1-Dichloroethane	ug/m3	4.6	U	26000	No	6400	No
SMW-7-M	SMW-7-M-10Q4	REG	11/4/2010	25	TO-15	1,1-Dichloroethene	ug/m3	4.5	U	2600000	No	730000	No
SMW-7-M	SMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Benzene	ug/m3	3.6	U	4700	No	1300	No
SMW-7-M	SMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Chloroethane	ug/m3	3	U	67000000	No	NA	NA
SMW-7-M	SMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Chloroform	ug/m3	5.5	U	1400	No	440	No
SMW-7-M	SMW-7-M-10Q4	REG	11/4/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	4.5	U	NA	NA	220000	No
SMW-7-M	SMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Ethylbenzene	ug/m3	4.9	U	17000	No	4100	No
SMW-7-M	SMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Tetrachloroethene	ug/m3	7.7	U	7300	No	1800	No
SMW-7-M	SMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Toluene	ug/m3	4.3	U	67000000	No	18000000	No
SMW-7-M	SMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Trichloroethene	ug/m3	6.1	U	20000	No	5100	No
SMW-7-M	SMW-7-M-10Q4	REG	11/4/2010	25	TO-15	Vinyl chloride	ug/m3	2.9	U	7400	No	2300	No
SMW-7-U	BSVE-SVM-11Q1-008	FD	2/16/2011	10	TO-15	1,1-Dichloroethane	ug/m3	5.4	U	13000	No	6400	No
SMW-7-U	BSVE-SVM-11Q1-008	FD	2/16/2011	10	TO-15	1,1-Dichloroethene	ug/m3	5.3	U	1300000	No	730000	No
SMW-7-U	BSVE-SVM-11Q1-008	FD	2/16/2011	10	TO-15	Benzene	ug/m3	5.2		2400	No	1300	No
SMW-7-U	BSVE-SVM-11Q1-008	FD	2/16/2011	10	TO-15	Chloroethane	ug/m3	3.5	U	46000000	No	NA	NA
SMW-7-U	BSVE-SVM-11Q1-008	FD	2/16/2011	10	TO-15	Chloroform	ug/m3	6.5	U	760	No	440	No
SMW-7-U	BSVE-SVM-11Q1-008	FD	2/16/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	5.3	U	NA	NA	220000	No
SMW-7-U	BSVE-SVM-11Q1-008	FD	2/16/2011	10	TO-15	Ethylbenzene	ug/m3	5.8	U	8100	No	4100	No
SMW-7-U	BSVE-SVM-11Q1-008	FD	2/16/2011	10	TO-15	Tetrachloroethene	ug/m3	9.1	U	3500	No	1800	No
SMW-7-U	BSVE-SVM-11Q1-008	FD	2/16/2011	10	TO-15	Toluene	ug/m3	5	U	34000000	No	18000000	No
SMW-7-U	BSVE-SVM-11Q1-008	FD	2/16/2011	10	TO-15	Trichloroethene	ug/m3	7.2	U	9900	No	5100	No
SMW-7-U	BSVE-SVM-11Q1-008	FD	2/16/2011	10	TO-15	Vinyl chloride	ug/m3	3.4	U	3900	No	2300	No
SMW-8-M	SMW-8-M-10Q4	REG	11/18/2010	25	TO-15	1,1-Dichloroethane	ug/m3	15		26000	No	6400	No

TABLE 3
Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SMW-8-M	SMW-8-M-10Q4	REG	11/18/2010	25	TO-15	1,1-Dichloroethene	ug/m3	5.4	U	2600000	No	730000	No
SMW-8-M	SMW-8-M-10Q4	REG	11/18/2010	25	TO-15	Benzene	ug/m3	4.3	U	4700	No	1300	No
SMW-8-M	SMW-8-M-10Q4	REG	11/18/2010	25	TO-15	Chloroethane	ug/m3	3.6	U	67000000	No	NA	NA
SMW-8-M	SMW-8-M-10Q4	REG	11/18/2010	25	TO-15	Chloroform	ug/m3	6.6	U	1400	No	440	No
SMW-8-M	SMW-8-M-10Q4	REG	11/18/2010	25	TO-15	cis-1,2-Dichloroethene	ug/m3	5.4	U	NA	NA	220000	No
SMW-8-M	SMW-8-M-10Q4	REG	11/18/2010	25	TO-15	Ethylbenzene	ug/m3	8.6		17000	No	4100	No
SMW-8-M	SMW-8-M-10Q4	REG	11/18/2010	25	TO-15	Tetrachloroethene	ug/m3	85		7300	No	1800	No
SMW-8-M	SMW-8-M-10Q4	REG	11/18/2010	25	TO-15	Toluene	ug/m3	5.1	U	67000000	No	18000000	No
SMW-8-M	SMW-8-M-10Q4	REG	11/18/2010	25	TO-15	Trichloroethene	ug/m3	81		20000	No	5100	No
SMW-8-M	SMW-8-M-10Q4	REG	11/18/2010	25	TO-15	Vinyl chloride	ug/m3	3.5	U	7400	No	2300	No
SMW-8-U	SMW-8-U-10Q4	REG	11/18/2010	9	TO-15	1,1-Dichloroethane	ug/m3	6	U	13000	No	6400	No
SMW-8-U	SMW-8-U-10Q4	REG	11/18/2010	9	TO-15	1,1-Dichloroethene	ug/m3	5.8	U	1300000	No	730000	No
SMW-8-U	SMW-8-U-10Q4	REG	11/18/2010	9	TO-15	Benzene	ug/m3	4.7	U	2400	No	1300	No
SMW-8-U	SMW-8-U-10Q4	REG	11/18/2010	9	TO-15	Chloroethane	ug/m3	3.9	U	46000000	No	NA	NA
SMW-8-U	SMW-8-U-10Q4	REG	11/18/2010	9	TO-15	Chloroform	ug/m3	7.2	U	760	No	440	No
SMW-8-U	SMW-8-U-10Q4	REG	11/18/2010	9	TO-15	cis-1,2-Dichloroethene	ug/m3	5.8	U	NA	NA	220000	No
SMW-8-U	SMW-8-U-10Q4	REG	11/18/2010	9	TO-15	Ethylbenzene	ug/m3	8.2		8100	No	4100	No
SMW-8-U	SMW-8-U-10Q4	REG	11/18/2010	9	TO-15	Tetrachloroethene	ug/m3	49		3500	No	1800	No
SMW-8-U	SMW-8-U-10Q4	REG	11/18/2010	9	TO-15	Toluene	ug/m3	5.6	U	34000000	No	18000000	No
SMW-8-U	SMW-8-U-10Q4	REG	11/18/2010	9	TO-15	Trichloroethene	ug/m3	7.9	U	9900	No	5100	No
SMW-8-U	SMW-8-U-10Q4	REG	11/18/2010	9	TO-15	Vinyl chloride	ug/m3	3.8	U	3900	No	2300	No
SMW-9-M	SMW-9-M-11Q1	REG	2/9/2011	25	TO-15	1,1-Dichloroethane	ug/m3	9.5	U	26000	No	6400	No
SMW-9-M	SMW-9-M-11Q1	REG	2/9/2011	25	TO-15	1,1-Dichloroethene	ug/m3	9.3	U	2600000	No	730000	No
SMW-9-M	SMW-9-M-11Q1	REG	2/9/2011	25	TO-15	Benzene	ug/m3	13	J	4700	No	1300	No
SMW-9-M	SMW-9-M-11Q1	REG	2/9/2011	25	TO-15	Chloroethane	ug/m3	6.2	U	67000000	No	NA	NA
SMW-9-M	SMW-9-M-11Q1	REG	2/9/2011	25	TO-15	Chloroform	ug/m3	11	U	1400	No	440	No
SMW-9-M	SMW-9-M-11Q1	REG	2/9/2011	25	TO-15	cis-1,2-Dichloroethene	ug/m3	9.3	U	NA	NA	220000	No
SMW-9-M	SMW-9-M-11Q1	REG	2/9/2011	25	TO-15	Ethylbenzene	ug/m3	14	J	17000	No	4100	No
SMW-9-M	SMW-9-M-11Q1	REG	2/9/2011	25	TO-15	Tetrachloroethene	ug/m3	16	U	7300	No	1800	No
SMW-9-M	SMW-9-M-11Q1	REG	2/9/2011	25	TO-15	Toluene	ug/m3	8.8	U	67000000	No	18000000	No
SMW-9-M	SMW-9-M-11Q1	REG	2/9/2011	25	TO-15	Trichloroethene	ug/m3	13	U	20000	No	5100	No
SMW-9-M	SMW-9-M-11Q1	REG	2/9/2011	25	TO-15	Vinyl chloride	ug/m3	6	U	7400	No	2300	No
SMW-9-U	SMW-9-U-11Q1	REG	2/8/2011	10	TO-15	1,1-Dichloroethane	ug/m3	9.2	U	13000	No	6400	No
SMW-9-U	SMW-9-U-11Q1	REG	2/8/2011	10	TO-15	1,1-Dichloroethene	ug/m3	9	U	1300000	No	730000	No
SMW-9-U	BSVE-SVM-11Q1-006	FD	2/8/2011	10	TO-15	Benzene	ug/m3	18	J	2400	No	1300	No
SMW-9-U	SMW-9-U-11Q1	REG	2/8/2011	10	TO-15	Chloroethane	ug/m3	6	U	46000000	No	NA	NA
SMW-9-U	SMW-9-U-11Q1	REG	2/8/2011	10	TO-15	Chloroform	ug/m3	11	U	760	No	440	No
SMW-9-U	SMW-9-U-11Q1	REG	2/8/2011	10	TO-15	cis-1,2-Dichloroethene	ug/m3	9	U	NA	NA	220000	No
SMW-9-U	BSVE-SVM-11Q1-006	FD	2/8/2011	10	TO-15	Ethylbenzene	ug/m3	16	J	8100	No	4100	No
SMW-9-U	SMW-9-U-11Q1	REG	2/8/2011	10	TO-15	Tetrachloroethene	ug/m3	15	U	3500	No	1800	No
SMW-9-U	SMW-9-U-11Q1	REG	2/8/2011	10	TO-15	Toluene	ug/m3	8.6	U	34000000	No	18000000	No
SMW-9-U	SMW-9-U-11Q1	REG	2/8/2011	10	TO-15	Trichloroethene	ug/m3	12	U	9900	No	5100	No
SMW-9-U	SMW-9-U-11Q1	REG	2/8/2011	10	TO-15	Vinyl chloride	ug/m3	5.8	U	3900	No	2300	No
SVV-1	SVV-1-10Q2	REG	5/20/2010	5.25	TO-15	1,1-Dichloroethane	ug/m3	14	U	13000	No	6400	No
SVV-1	SVV-1-10Q2	REG	5/20/2010	5.25	TO-15	1,1-Dichloroethene	ug/m3	14	U	1300000	No	730000	No
SVV-1	SVV-1-10Q2	REG	5/20/2010	5.25	TO-15	Benzene	ug/m3	37		2400	No	1300	No
SVV-1	SVV-1-10Q2	REG	5/20/2010	5.25	TO-15	Chloroethane	ug/m3	9	U	46000000	No	NA	NA

TABLE 3

Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SVV-1	SVV-1-10Q2	REG	5/20/2010	5.25	TO-15	Chloroform	ug/m3	17	U	760	No	440	No
SVV-1	SVV-1-10Q2	REG	5/20/2010	5.25	TO-15	cis-1,2-Dichloroethene	ug/m3	14	U	NA	NA	220000	No
SVV-1	SVV-1-10Q2	REG	5/20/2010	5.25	TO-15	Ethylbenzene	ug/m3	24		8100	No	4100	No
SVV-1	SVV-1-10Q2	REG	5/20/2010	5.25	TO-15	Tetrachloroethene	ug/m3	23	U	3500	No	1800	No
SVV-1	SVV-1-10Q2	REG	5/20/2010	5.25	TO-15	Toluene	ug/m3	13	U	34000000	No	18000000	No
SVV-1	SVV-1-10Q2	REG	5/20/2010	5.25	TO-15	Trichloroethene	ug/m3	18	U	9900	No	5100	No
SVV-1	SVV-1-10Q2	REG	5/20/2010	5.25	TO-15	Vinyl chloride	ug/m3	8.7	U	3900	No	2300	No
SVV-2	SVV-2-10Q2	REG	5/20/2010	5.5	TO-15	1,1-Dichloroethane	ug/m3	4.6	U	13000	No	6400	No
SVV-2	SVV-2-10Q2	REG	5/20/2010	5.5	TO-15	1,1-Dichloroethene	ug/m3	4.5	U	1300000	No	730000	No
SVV-2	SVV-2-10Q2	REG	5/20/2010	5.5	TO-15	Benzene	ug/m3	4.2		2400	No	1300	No
SVV-2	SVV-2-10Q2	REG	5/20/2010	5.5	TO-15	Chloroethane	ug/m3	3	U	46000000	No	NA	NA
SVV-2	SVV-2-10Q2	REG	5/20/2010	5.5	TO-15	Chloroform	ug/m3	5.6	U	760	No	440	No
SVV-2	SVV-2-10Q2	REG	5/20/2010	5.5	TO-15	cis-1,2-Dichloroethene	ug/m3	4.5	U	NA	NA	220000	No
SVV-2	SVV-2-10Q2	REG	5/20/2010	5.5	TO-15	Ethylbenzene	ug/m3	5	U	8100	No	4100	No
SVV-2	SVV-2-10Q2	REG	5/20/2010	5.5	TO-15	Tetrachloroethene	ug/m3	7.7	U	3500	No	1800	No
SVV-2	SVV-2-10Q2	REG	5/20/2010	5.5	TO-15	Toluene	ug/m3	4.3	U	34000000	No	18000000	No
SVV-2	SVV-2-10Q2	REG	5/20/2010	5.5	TO-15	Trichloroethene	ug/m3	8.2		9900	No	5100	No
SVV-2	SVV-2-10Q2	REG	5/20/2010	5.5	TO-15	Vinyl chloride	ug/m3	2.9	U	3900	No	2300	No
SVV-3	SVV-3-10Q2	REG	5/20/2010	5.5	TO-15	1,1-Dichloroethane	ug/m3	4.5	U	13000	No	6400	No
SVV-3	SVV-3-10Q2	REG	5/20/2010	5.5	TO-15	1,1-Dichloroethene	ug/m3	4.4	U	1300000	No	730000	No
SVV-3	SVV-3-10Q2	REG	5/20/2010	5.5	TO-15	Benzene	ug/m3	3.5	U	2400	No	1300	No
SVV-3	SVV-3-10Q2	REG	5/20/2010	5.5	TO-15	Chloroethane	ug/m3	2.9	U	46000000	No	NA	NA
SVV-3	SVV-3-10Q2	REG	5/20/2010	5.5	TO-15	Chloroform	ug/m3	5.4	U	760	No	440	No
SVV-3	SVV-3-10Q2	REG	5/20/2010	5.5	TO-15	cis-1,2-Dichloroethene	ug/m3	4.4	U	NA	NA	220000	No
SVV-3	SVV-3-10Q2	REG	5/20/2010	5.5	TO-15	Ethylbenzene	ug/m3	4.8	U	8100	No	4100	No
SVV-3	SVV-3-10Q2	REG	5/20/2010	5.5	TO-15	Tetrachloroethene	ug/m3	17		3500	No	1800	No
SVV-3	SVV-3-10Q2	REG	5/20/2010	5.5	TO-15	Toluene	ug/m3	4.2	U	34000000	No	18000000	No
SVV-3	SVV-3-10Q2	REG	5/20/2010	5.5	TO-15	Trichloroethene	ug/m3	5.9	U	9900	No	5100	No
SVV-3	SVV-3-10Q2	REG	5/20/2010	5.5	TO-15	Vinyl chloride	ug/m3	2.8	U	3900	No	2300	No
SVV-4	SVV-4-10Q2	REG	5/20/2010	5.5	TO-15	1,1-Dichloroethane	ug/m3	4.4	U	13000	No	6400	No
SVV-4	SVV-4-10Q2	REG	5/20/2010	5.5	TO-15	1,1-Dichloroethene	ug/m3	4.3	U	1300000	No	730000	No
SVV-4	SVV-4-10Q2	REG	5/20/2010	5.5	TO-15	Benzene	ug/m3	12		2400	No	1300	No
SVV-4	SVV-4-10Q2	REG	5/20/2010	5.5	TO-15	Chloroethane	ug/m3	2.8	U	46000000	No	NA	NA
SVV-4	SVV-4-10Q2	REG	5/20/2010	5.5	TO-15	Chloroform	ug/m3	5.2	U	760	No	440	No
SVV-4	SVV-4-10Q2	REG	5/20/2010	5.5	TO-15	cis-1,2-Dichloroethene	ug/m3	4.3	U	NA	NA	220000	No
SVV-4	SVV-4-10Q2	REG	5/20/2010	5.5	TO-15	Ethylbenzene	ug/m3	4.7	U	8100	No	4100	No
SVV-4	SVV-4-10Q2	REG	5/20/2010	5.5	TO-15	Tetrachloroethene	ug/m3	25		3500	No	1800	No
SVV-4	SVV-4-10Q2	REG	5/20/2010	5.5	TO-15	Toluene	ug/m3	4.1	U	34000000	No	18000000	No
SVV-4	SVV-4-10Q2	REG	5/20/2010	5.5	TO-15	Trichloroethene	ug/m3	6		9900	No	5100	No
SVV-4	SVV-4-10Q2	REG	5/20/2010	5.5	TO-15	Vinyl chloride	ug/m3	2.7	U	3900	No	2300	No

Notes:

FD = field duplicate

Ft = feet

ID = identifier

J = estimated

NA = not applicable

TABLE 3

Comparison of the Second Quarter Subslab, Fourth Quarter 2010 and First Quarter 2011 BSVE Soil Vapor Soil-Gas Data to the Various Screening Levels (November 2, 2010 through November 24, 2010 and February 1, 2011 through February 16, 2011)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth(ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL

RBSL = Risk Based Screening Level, Source: 2010 Focused Human Health Risk Assessment RBSL derived from J&E Model, SV-ADV version 3.1. Generated 12-02-08.

REG = normal sample

Result = best result selection between regular and field duplicate sample.

SGHHSL = Soil Gas Human Health Screening Level (aka, Motorola 52nd Street Soil Vapor Human Health Screening Levels [MHHSLs]), Vapor Intrusion to Indoor Air of Residential or Industrial Buildings Mortola 52nd Street Superfund Site

Source: EPA Region 9's Suggested Framework for Investigating and Evaluating Vapor Intrusion to Indoor Air of Residential or Industrial Buildings Motorola 52nd Street Superfund Site (USEPA, 2010b)

TO-15 = EPA Method for the Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/ Mass Spectrometry (GC/MS)

U = not detected

ug/m3 = micrograms per cubic meter

Originator: Benny Pataray	Benny Pataray (Signature)
Checked by: Tasha Lewis	Tasha Lewis (Signature)
Approved by STC or PM: Tasha Lewis	Tasha Lewis (Signature)

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Tetrachloroethene	ug/m3	970		3500	No	1800	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-01	BLDG302_01-10	REG	6/3/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	310		36000000	No	18000000	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Tetrachloroethene	ug/m3	620		3500	No	1800	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-01	BLDG302_01-15	REG	6/3/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Tetrachloroethene	ug/m3	1100		3500	No	1800	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-02	BLDG302_02-05	REG	6/3/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Tetrachloroethene	ug/m3	760		3500	No	1800	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No

TABLE 4

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-02	BLDG302_02-10	REG	6/3/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Tetrachloroethene	ug/m3	790		3500	No	1800	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-03	BLDG302_03-05	REG	6/3/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Tetrachloroethene	ug/m3	540		3500	No	1800	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Trichloroethene	ug/m3	270		9900	No	5100	No
BLDG302-03	BLDG302_03-10	REG	6/3/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Tetrachloroethene	ug/m3	870		3500	No	1800	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Trichloroethene	ug/m3	320		9900	No	5100	No
BLDG302-04	BLDG302_04-05	REG	6/3/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Tetrachloroethene	ug/m3	440		3500	No	1800	No

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Trichloroethene	ug/m3	190		9900	No	5100	No
BLDG302-04	BLDG302_04-10	REG	6/3/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Tetrachloroethene	ug/m3	1100		3500	No	1800	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Trichloroethene	ug/m3	230		9900	No	5100	No
BLDG302-05	BLDG302_05-05	REG	6/3/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA

TABLE 4

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Tetrachloroethene	ug/m3	720		3500	No	1800	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Trichloroethene	ug/m3	200		9900	No	5100	No
BLDG302-05	BLDG302_05-10	REG	6/3/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Tetrachloroethene	ug/m3	1200		3500	No	1800	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-06	BLDG302_06-05	REG	6/3/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Tetrachloroethene	ug/m3	630		3500	No	1800	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-06	BLDG302_06-10	REG	6/3/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Tetrachloroethene	ug/m3	840	J	3500	No	1800	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-07	BLDG302_07-05	REG	6/4/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Tetrachloroethene	ug/m3	600		3500	No	1800	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-07	BLDG302_07-10	REG	6/4/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Tetrachloroethene	ug/m3	770		3500	No	1800	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-08	BLDG302_08-05	REG	6/5/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Tetrachloroethene	ug/m3	400		3500	No	1800	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-08	BLDG302_08-10	REG	6/5/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	320		210000000	No	110000000	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Tetrachloroethene	ug/m3	630		3500	No	1800	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-09	BLDG302_09-05	REG	6/8/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No

TABLE 4

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Tetrachloroethene	ug/m3	370		3500	No	1800	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-09	BLDG302_09-10	REG	6/8/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	840		210000000	No	110000000	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Tetrachloroethene	ug/m3	500		3500	No	1800	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-10	BLDG302_10-05	REG	6/8/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	420		210000000	No	110000000	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA

TABLE 4

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Tetrachloroethene	ug/m3	260		3500	No	1800	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-10	BLDG302_10-10	REG	6/8/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	990		210000000	No	110000000	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Tetrachloroethene	ug/m3	400		3500	No	1800	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-11	BLDG302_11-05	REG	6/8/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Tetrachloroethene	ug/m3	230		3500	No	1800	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-11	BLDG302_11-10	REG	6/8/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	1600		210000000	No	110000000	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Tetrachloroethene	ug/m3	630		3500	No	1800	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-12	BLDG302_12-05	REG	6/8/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	1100		210000000	No	110000000	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No

TABLE 4

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Tetrachloroethene	ug/m3	340		3500	No	1800	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-12	BLDG302_12-10	REG	6/8/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	2600		210000000	No	110000000	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Tetrachloroethene	ug/m3	650		3500	No	1800	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-13	BLDG302_13-05	REG	6/8/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Tetrachloroethene	ug/m3	260		3500	No	1800	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-13	BLDG302_13-10	REG	6/8/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-13	BLDG302_13-10-DUP1	FD	6/8/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	2200	J	210000000	No	110000000	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Tetrachloroethene	ug/m3	310		3500	No	1800	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-14	BLDG302_14-05	REG	6/9/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Tetrachloroethene	ug/m3	340	J	3500	No	1800	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-14	BLDG302_14-10	REG	6/9/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-14	BLDG302_14-10-DUP1	FD	6/9/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	350		36000000	No	18000000	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Tetrachloroethene	ug/m3	480		3500	No	1800	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-15	BLDG302_15-05	REG	6/9/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Tetrachloroethene	ug/m3	300		3500	No	1800	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-15	BLDG302_15-07	REG	6/9/2009	7	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Tetrachloroethene	ug/m3	250		3500	No	1800	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-16	BLDG302_16-05	REG	6/9/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Tetrachloroethene	ug/m3	190		3500	No	1800	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-16	BLDG302_16-10	REG	6/9/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Tetrachloroethene	ug/m3	340		3500	No	1800	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-17	BLDG302_17-05	REG	6/9/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Tetrachloroethene	ug/m3	150		3500	No	1800	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-17	BLDG302_17-08	REG	6/9/2009	8	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	390		210000000	No	110000000	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Tetrachloroethene	ug/m3	590		3500	No	1800	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-18	BLDG302_18-05	REG	6/9/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	680		210000000	No	110000000	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Tetrachloroethene	ug/m3	240		3500	No	1800	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
BLDG302-18	BLDG302_18-08	REG	6/9/2009	8	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Tetrachloroethene	ug/m3	250		3500	No	1800	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_1-10-01	SS_1-10-01-05	REG	6/5/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No

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Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Tetrachloroethene	ug/m3	190		3500	No	1800	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_1-10-01	SS_1-10-01-08	REG	6/5/2009	8	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Tetrachloroethene	ug/m3	320		3500	No	1800	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_1-10-02	SS_1-10-02-05	REG	6/5/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Tetrachloroethene	ug/m3	390		3500	No	1800	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Trichloroethene	ug/m3	210		9900	No	5100	No
SS_1-10-02	SS_1-10-02-08	REG	6/5/2009	8	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Tetrachloroethene	ug/m3	280		3500	No	1800	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_1-9-01	SS_1-9-01-05	REG	6/5/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Tetrachloroethene	ug/m3	350	J	3500	No	1800	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_1-9-01	SS_1-9-01-07	REG	6/5/2009	7	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_1-9-02	SS_1-9-02-05	REG	6/5/2009	5	SW8260B	Tetrachloroethene	ug/m3	470		3500	No	1800	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_1-9-02	SS_1-9-02-05B	REG	6/5/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No

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Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_1-9-02	SS_1-9-02-08	REG	6/5/2009	8	SW8260B	Tetrachloroethene	ug/m3	210		3500	No	1800	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_1-9-02	SS_1-9-02-08B	REG	6/5/2009	8	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Tetrachloroethene	ug/m3	510	J	3500	No	1800	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No

TABLE 4

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_2-50-01	SS_2-50-01-05	REG	6/4/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Tetrachloroethene	ug/m3	460		3500	No	1800	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-50-01	SS_2-50-01-08	REG	6/4/2009	8	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Tetrachloroethene	ug/m3	740		3500	No	1800	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-51-01	SS_2-51-01-05	REG	6/4/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Chloroform	ug/m3	310		760	No	440	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Tetrachloroethene	ug/m3	360		3500	No	1800	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Trichloroethene	ug/m3	200		9900	No	5100	No
SS_2-51-01	SS_2-51-01-10	REG	6/4/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Chloroform	ug/m3	330		760	No	440	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	450		NA	NA	220000	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Tetrachloroethene	ug/m3	370		3500	No	1800	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Trichloroethene	ug/m3	210		9900	No	5100	No
SS_2-51-02	SS_2-51-02-05	REG	6/5/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Chloroform	ug/m3	440		760	No	440	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Tetrachloroethene	ug/m3	210		3500	No	1800	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-51-02	SS_2-51-02-09	REG	6/5/2009	9	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Tetrachloroethene	ug/m3	660		3500	No	1800	No

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-68-01	SS_2-68-01-05.5	REG	6/4/2009	5.5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Tetrachloroethene	ug/m3	640		3500	No	1800	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-68-01	SS_2-68-01-10	REG	6/4/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Tetrachloroethene	ug/m3	420	J	3500	No	1800	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-68-02	SS_2-68-02-05	REG	6/9/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Tetrachloroethene	ug/m3	220		3500	No	1800	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-68-02	SS_2-68-02-09	REG	6/9/2009	9	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Tetrachloroethene	ug/m3	540		3500	No	1800	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-69-01	SS_2-69-01-05	REG	6/4/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Tetrachloroethene	ug/m3	560		3500	No	1800	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-69-01	SS_2-69-01-05B	REG	6/5/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Tetrachloroethene	ug/m3	240		3500	No	1800	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-69-01	SS_2-69-01-08B	REG	6/5/2009	8	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Tetrachloroethene	ug/m3	440		3500	No	1800	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-69-02	SS_2-69-02-05	REG	6/4/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Tetrachloroethene	ug/m3	300		3500	No	1800	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-69-02	SS_2-69-02-10	REG	6/4/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Tetrachloroethene	ug/m3	510		3500	No	1800	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-69-03	SS_2-69-03-05	REG	6/4/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Tetrachloroethene	ug/m3	300		3500	No	1800	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-69-03	SS_2-69-03-10	REG	6/4/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Tetrachloroethene	ug/m3	680		3500	No	1800	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-69-04	SS_2-69-04-05	REG	6/4/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Tetrachloroethene	ug/m3	380		3500	No	1800	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_2-69-04	SS_2-69-04-10	REG	6/4/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	2400		210000000	No	110000000	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Tetrachloroethene	ug/m3	430		3500	No	1800	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_3-6-01	SS_3-6-01-05	REG	6/8/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	2200		210000000	No	110000000	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Tetrachloroethene	ug/m3	570		3500	No	1800	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_3-6-01	SS_3-6-01-08	REG	6/8/2009	8	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	1400		210000000	No	110000000	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Tetrachloroethene	ug/m3	460		3500	No	1800	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_3-6-02	SS_3-6-02-05	REG	6/8/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Tetrachloroethene	ug/m3	480	J	3500	No	1800	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_3-6-02	SS_3-6-02-10	REG	6/8/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_3-6-02	SS_3-6-02-10-DUP1	FD	6/8/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	1600	J	210000000	No	110000000	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	440		1300000	No	730000	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Tetrachloroethene	ug/m3	750		3500	No	1800	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Trichloroethene	ug/m3	870		9900	No	5100	No
SS_4-2-01	SS_4-2-01-05	REG	6/2/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	1,1-Dichloroethane	ug/m3	240		13000	No	6400	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	1,1-Dichloroethene	ug/m3	650		1300000	No	730000	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Tetrachloroethene	ug/m3	1200		3500	No	1800	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Trichloroethene	ug/m3	1700		9900	No	5100	No
SS_4-2-01	SS_4-2-01-07.5	REG	6/2/2009	7.5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	1,1-Dichloroethene	ug/m3	410		1300000	No	730000	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Tetrachloroethene	ug/m3	640		3500	No	1800	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Trichloroethene	ug/m3	1300		9900	No	5100	No
SS_4-2-02A	SS_4-2-02-05.5	REG	6/3/2009	5.5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	170		1300000	No	730000	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Tetrachloroethene	ug/m3	410		3500	No	1800	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Trichloroethene	ug/m3	490		9900	No	5100	No
SS_4-2-02B	SS_4-2-02-10	REG	6/9/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Tetrachloroethene	ug/m3	400		3500	No	1800	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_4-29-01	SS_4-29-01-05	REG	6/9/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No

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Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Tetrachloroethene	ug/m3	190		3500	No	1800	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_4-29-01	SS_4-29-01-10	REG	6/9/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	510		1300000	No	730000	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Tetrachloroethene	ug/m3	1100		3500	No	1800	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Trichloroethene	ug/m3	960		9900	No	5100	No
SS_4-4-01	SS_4-4-01-05	REG	6/2/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_4-4-01	SS_4-4-01-10-1PV	REG	6/2/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	230		13000	No	6400	No
SS_4-4-01	SS_4-4-01-10-1PV	REG	6/2/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	790		1300000	No	730000	No
SS_4-4-01	SS_4-4-01-10-1PV	REG	6/2/2009	10	SW8260B	Tetrachloroethene	ug/m3	1300		3500	No	1800	No
SS_4-4-01	SS_4-4-01-10-3PV	REG	6/2/2009	10	SW8260B	Trichloroethene	ug/m3	1800		9900	No	5100	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_4-4-01	SS_4-4-01-10-7PV	REG	6/2/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Tetrachloroethene	ug/m3	550		3500	No	1800	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Trichloroethene	ug/m3	140		9900	No	5100	No
SS_4-4-02	SS_4-4-02-05	REG	6/3/2009	5	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Tetrachloroethene	ug/m3	950	J	3500	No	1800	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_4-4-02	SS_4-4-02-10	REG	6/3/2009	10	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No
SS_4-4-02	SS_4-4-02-10-DUP1	FD	6/3/2009	10	SW8260B	1,1-Dichloroethene	ug/m3	330		1300000	No	730000	No
SS_4-4-02	SS_4-4-02-10-DUP1	FD	6/3/2009	10	SW8260B	Trichloroethene	ug/m3	810		9900	No	5100	No
SS_4-7-01	SS_4-7-01-06-1PV	REG	6/2/2009	6	SW8260B	Tetrachloroethene	ug/m3	1300		3500	No	1800	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	1,1,1-Trichloroethane	ug/m3	200	U	36000000	No	18000000	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	1,1,2,2-Tetrachloroethane	ug/m3	200	U	360	No	180	Yes
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	1,1,2-Trichloroethane	ug/m3	200	U	1200	No	640	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	1,1,2-Trichlorotrifluoroethane	ug/m3	200	U	210000000	No	110000000	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	1,1-Dichloroethane	ug/m3	200	U	13000	No	6400	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	1,1-Dichloroethene	ug/m3	100	U	1300000	No	730000	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	1,2-Dichloroethane	ug/m3	200	U	670	No	390	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Benzene	ug/m3	100	U	2400	No	1300	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Bromodichloromethane	ug/m3	500	U	NA	NA	280	Yes
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Carbon tetrachloride	ug/m3	100	U	1300	No	680	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Chlorobenzene	ug/m3	500	U	370000	No	180000	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Chloroethane	ug/m3	200	U	46000000	No	NA	NA
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Chloroform	ug/m3	200	U	760	No	440	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	cis-1,2-Dichloroethene	ug/m3	200	U	NA	NA	220000	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Ethylbenzene	ug/m3	200	U	8100	No	4100	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Methylene chloride	ug/m3	200	U	38000	No	22000	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Naphthalene	ug/m3	1000	U	680	Yes	NA	NA
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Toluene	ug/m3	500	U	34000000	No	18000000	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	trans-1,2-Dichloroethene	ug/m3	200	U	450000	No	220000	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Trichloroethene	ug/m3	100	U	9900	No	5100	No
SS_4-7-01	SS_4-7-01-06-7PV	REG	6/2/2009	6	SW8260B	Vinyl chloride	ug/m3	100	U	3900	No	2300	No

TABLE 4

Comparison of the Soil Gas Analytical Results Collected as Part of the FFS Work Plan to the Various Screening Levels (June 2, 2009 – June 9, 2009)

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Depth (ft)	Analysis Method	Parameter	Unit	Result	Qualifier	RBSL	Exceed RBSL	SGHHSL	Exceed SGHHSL

Notes:

FD = field duplicate

Ft = feet

ID = identifier

J = estimated

NA = not applicable

RBSL = Risk Based Screening Level, Source: 2010 Focused Human Health Risk Assessment RBSL derived from J&E Model, SV-ADV version 3.1. Generated 12-02-08.

REG = normal sample

Result = best result selection between regular and field duplicate sample.

SGHHSL = Soil Gas Human Health Screening Level (aka, Motorola 52nd Street Soil Vapor Human Health Screening Levels [MHHSLs]), Vapor Intrusion to Indoor Air of Residential or Industrial Buildings Mortola 52nd Street Superfund Site

Source: EPA Region 9's Suggested Framework for Investigating and Evaluating Vapor Intrusion to Indoor Air of Residential or Industrial Buildings Motorola 52nd Street Superfund Site (USEPA, 2010b)

TO-15 = EPA Method for the Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/ Mass Spectrometry (GC/MS)

U = not detected

ug/m3 = micrograms per cubic meter

Originator: Benny Pataray	*Benny Pataray* (Signature)
Checked by: Tasha Lewis	*Tasha Lewis* (Signature)
Approved by STC or PM: Tasha Lewis	*Tasha Lewis* (Signature)

TABLE 5

Helium Leak Testing Field Data

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample Date	Helium (%)	Oxygen (%)	Carbon Dioxide (%)	Methane (%)
P-33	1/18/2011	<0.0025	20.8	<0.1	<0.1
P-35	1/18/2011	<0.0025	20.4	0.3	<0.1
P-37	1/18/2011	<0.0025	20.6	<0.1	<0.1
P-38	1/18/2011	<0.0025	20.9	<0.1	<0.1
SVV-3	1/18/2011	<0.0025	20	<0.1	0.8
P-31	1/20/2011	<0.0025	20.7	<0.1	<0.1
P-32	1/20/2011	<0.0025	20.2	<0.1	<0.1
P-36	1/20/2011	<0.0025	17.7	0.2	<0.1
P-39	1/20/2011	<0.0025	20.8	<0.1	<0.1
P-41	1/20/2011	<0.0025	20.7	<0.1	<0.1
SVV-1	1/20/2011	<0.0025	20.6	<0.1	<0.1
SVV-2	1/20/2011	<0.0025	20.9	<0.1	<0.1
SVV-4	1/20/2011	<0.0025	20.7	<0.1	<0.1

Notes:
ID = Identifier
% = percent

Originator: Rakesh Singh	*Rakesh Singh* (Signature)
Checked by: Baine Foehr	*Baine Foehr* (Signature)
Approved by STC or PM: Tasha Lewis	*Tasha Lewis* (Signature)

TABLE 6

Radon Data

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Sample Type	Sample Date	Unit	Result
Injection/Extraction Well					
ASE-41A	ASE-41A-RN-AMB-2011	REG	1/18/2011	pCi/L	0.16
BV-21N	BV-21N-RN-AMB-2011	REG	1/18/2011	pCi/L	0.29
BV-21N	BSVE-RN-2011-001	FD	1/20/2011	pCi/L	0.43
BV-21N	BSVE-RN-2011-003	FD	1/18/2011	pCi/L	0.35
BV-4N	BV-4N-RN-AMB-2011	REG	1/18/2011	pCi/L	0.38
Sub-slab					
P-31	P-31-RN-2011	REG	1/20/2011	pCi/L	599
P-31	P-31-RN-AMB-2011	REG	1/20/2011	pCi/L	0.2
P-32	P-32-RN-2011	REG	1/20/2011	pCi/L	650
P-32	P-32-RN-AMB-2011	FD	1/20/2011	pCi/L	0.42
P-33	P-33-RN-2011	REG	1/18/2011	pCi/L	583
P-33	P-33-RN-AMB-2011	REG	1/18/2011	pCi/L	0.62
P-35	P-35-RN-2011	REG	1/18/2011	pCi/L	317
P-35	P-35-RN-AMB-2011	REG	1/18/2011	pCi/L	0.56
P-36	P-36-RN-2011	REG	1/20/2011	pCi/L	21
P-36	P-36-RN-AMB-2011	REG	1/20/2011	pCi/L	0.22
P-36	BSVE-RN-2011-002	FD	1/18/2011	pCi/L	722
P-37	P-37-RN-2011	REG	1/18/2011	pCi/L	197
P-37	P-37-RN-AMB-2011	REG	1/18/2011	pCi/L	0.52
P-38	P-38-RN-2011	REG	1/18/2011	pCi/L	719
P-38	P-38-RN-AMB-2011	REG	1/18/2011	pCi/L	0.41
P-39	P-39-RN-2011	REG	1/20/2011	pCi/L	1006
P-39	P-39-RN-AMB-2011	REG	1/20/2011	pCi/L	0.75
P-41	P-41-RN-2011	REG	1/20/2011	pCi/L	801
P-41	P-41-RN-AMB-2011	REG	1/20/2011	pCi/L	0.1
SVV-1	SVV-1-RN-2011	REG	1/20/2011	pCi/L	644
SVV-1	SVV-1-RN-AMB-2011	REG	1/20/2011	pCi/L	1.5
SVV-2	SVV-2-RN-2011	REG	1/20/2011	pCi/L	103
SVV-2	SVV-2-RN-AMB-2011	REG	1/20/2011	pCi/L	0.05
SVV-3	SVV-3-RN-2011	REG	1/18/2011	pCi/L	240
SVV-3	SVV-3-RN-AMB-2011	FD	1/18/2011	pCi/L	0.19
SVV-4	SVV-4-RN-2011	REG	1/20/2011	pCi/L	182
SVV-4	SVV-4-RN-AMB-2011	REG	1/20/2011	pCi/L	0.14

Notes:

REG = normal sample

FD = field duplicate

ID = identifier

pCi/L = picocuries per liter

Originator: Rakesh Singh	*Rakesh Singh* (Signature)
Checked by: Baine Foehr	*Baine Foehr* (Signature)
Approved by STC or PM: Tasha Lewis	*Tasha Lewis* (Signature)