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ENVIRONMENT

Ms. Bruni Davila
United States Environmental Protection Agency, Region IX
75 Hawthorne Street, 9th Floor
SFD-7-1
San Francisco, California 94105

Subject:
USEPA Second Quarter 2016 Monitoring Report
Watkins-Johnson Superfund Site, 440 Kings Village Road, Scotts Valley, California

Date:
30 June 2016

Contact:
Katherine Brandt

Phone:
510.596.9675

Email:
katherine.brandt@arcadis.com

Our ref:
RC000463.0112.NA215

Dear Ms. Davila:

Arcadis has prepared this *United States Environmental Protection Agency* (*USEPA) Second Quarter 2016 Monitoring Report* for the Watkins-Johnson Superfund Site, 440 Kings Village Road, Scotts Valley, California (Site). This report is submitted in accordance with the *Final Remedial Design Plan for Remedial Design/Remedial Action (*Watkins-Johnson Environmental, Inc. August 31, 1993*, Final Remedial Design Plan for Remedial Design/Remedial Action, Watkins-Johnson Company, Scotts Valley, California)* for the Site.

Introduction

This report presents the information obtained during the second quarter 2016 (March 1, 2016 through May 31, 2016) for the Site. This quarterly report provides:

- A discussion of the groundwater monitoring program and the associated activities performed during the current quarter;
- A summary of groundwater monitoring activities;
- A summary of groundwater level measurements;
- A summary of groundwater quality results;
- A summary of the status of the groundwater extraction and treatment system (GWETS) and the soil vapor extraction system (SVES);
- A summary of data validation results; and
- Summary.

Groundwater Monitoring Program

Arcadis assumed responsibility for operation of the remedial system at the Site in July 1999. At that time, the USEPA and Watkins Johnson Company (WJC) had agreed to specific activities to monitor trichloroethene (TCE), which had been observed in monitoring well WJ-41 at concentrations above its maximum contaminant level (MCL) of 5 micrograms per liter (µg/L). During the June 1999 sampling event, tetrachloroethene (PCE) began to be detected in well WJ-43.

After review of the historic and recent data from site-wide monitoring in December 2002, the groundwater-monitoring program was modified to only require quarterly sampling of Regional Zone wells WJ-41 and WJ-43. In 2010, USEPA requested that the routine groundwater monitoring program include wells WJ-11, WJ-37A, WJ-41, WJ-43, the Wescosa Well and additional wells installed upgradient and offsite (*Addendum to Sampling and Analysis Plan – Background Groundwater Assessment*, ARCADIS April 16, 2010). Four additional upgradient offsite wells (KV-1 through KV-4) were installed during the third and fourth quarters of 2010. Five new upgradient offsite wells were installed in the fourth quarter of 2013 as part of the *Final Remedy Optimization Work Plan* approved by the USEPA on February 11, 2013.

Well locations are shown on Figure 1. Groundwater samples are collected using passive diffusion bag (PDB) samplers (*User's Guide for Polyethylene-Based Passive Diffusion Bag Samplers to Obtain Volatile Organic Compound Concentrations in Wells,* USGS, Water-Resources Investigations Report, 01-4060, 2001) as approved by the USEPA (May 5, 2004).

Groundwater from the Wescosa Well is collected from a spigot.

Although it is not a site-related contaminant, the USEPA has requested that methyl tertiary butyl ether (MTBE) be analyzed in groundwater samples collected from site monitoring wells. Therefore, following the removal of PDB samplers, a grab groundwater sample is collected from each well using a bailer.

Second Quarter 2016 Activities

The following activities were conducted during the second quarter 2016:

- March 30, 2016: Performed groundwater monitoring and sampling, which included: collection of water level measurements at wells WJ-11, WJ-37A, WJ-41, WJ-43, and KV-1 through KV-9; and the collection of groundwater samples at wells WJ-11, WJ-37A, WJ-41, WJ-43, Wescosa Well, KV-1, KV-2 (180, 190, and 200 feet below top of casing (BTOC)), KV-3 (172 and 182 feet BTOC), KV-4, KV-5, KV-6 (125 and 133 feet BTOC), KV-7 (115, 125, and 136 feet BTOC), KV-8 (174, 185, and 195 feet BTOC), KV-9 (138 and 148 feet BTOC), and EX-1 (125 and 145 feet BTOC). Collected samples from the GWETS influent, midpoint and effluent.

- April 26, 2016: Performed groundwater monitoring and sampling, which included: collection of water level measurements at wells WJ-11, WJ-37A, WJ-41, WJ-43, and KV-1 through KV-9; and the collection of groundwater samples at wells WJ-11, WJ-37A, WJ-41, WJ-43, Wescosa Well, KV-1, KV-2 (180, 190, and 200 feet below top of casing (BTOC)), KV-3 (172 and 182 feet BTOC), KV-4, KV-5, KV-6 (125 and 133 feet BTOC), KV-7 (115, 125, and 136 feet BTOC), KV-8 (174, 185, and 195 feet BTOC), KV-9 (138 and 148 feet BTOC), and EX-1 (125 and 145 feet BTOC).,

- May 27, 2016: Collected samples from the GWETS influent, midpoint and effluent.

Groundwater-Level Measurements

As approved by the USEPA (January 27, 2003), site-wide depth-to-water measurements were no longer required as part of the revised monitoring program. Table 1 presents a summary of groundwater elevation data for selected Regional Zone and Perched Zone wells. Groundwater elevations from October 2015 for wells and groundwater contours at the Site and the upgradient offsite wells are presented on Figure 2.

During the second quarter 2016 Regional Zone wells were gauged. The Wescosa Well is sampled via a spigot, therefore gauging is not performed.

Groundwater Quality Conditions

Regional Zone wells WJ-11, WJ-37A, WJ-41, WJ-43, EX-1, and upgradient monitoring wells KV-1, KV-2, KV-3, KV-4, KV-5, KV-6, KV-7, KV-8, KV-9, and the Wescosa Well were sampled on March 30, 2016, April 26, 2016, and May 30, 2016. Third quarter sampling event has been suspended based on the EPA's Approval of the *Revised Final Remedy Optimization Report* on June 29, 2016. PCE and TCE

concentrations detected during the second quarter 2016 in Regional Zone groundwater wells at the Site are shown on Figure 3.

Summary of Soil Vapor Extraction System Operation

The SVE system was shut down following USEPA approval in April 2001. ARCADIS submitted the final *VLEACH Modeling Report* (*ARCADIS, July 2, 2003, Final Modeling Report VLEACH Analysis of Current Conditions, Watkins-Johnson Superfund Site, Scotts Valley, California)* to the USEPA on July 2, 2003 for consideration for final shutdown of the SVE. EPA provided approval of the VLEACH report to ARCADIS in a letter dated May 8, 2008. No vapor samples were collected during the current quarter.

Summary of Groundwater Extraction and Treatment System Operation

The GWETS began operation in 1986. The Perched Zone infiltration gallery was shut down with USEPA approval in May 2000. Discharge is authorized under NPDES Order Number R3-2006-0067, Permit Number CAG993002.

In 2008, ARCADIS proposed the shutdown of extraction well RA-2 to evaluate groundwater conditions and quality at the Site under a no-pumping state (*Proposal for RA-2 Shutdown and Groundwater Concentration Rebound Evaluation, ARCADIS,* November 6, 2008). With approval from the USEPA (letter from USEPA to ARCADIS dated November 21, 2008), extraction well RA-2 was shut down on December 19, 2008 and the RA-2 shutdown rebound evaluation commenced. On July 2, 2009, ARCADIS submitted the *Summary of RA-2 Shutdown and Groundwater Concentration Rebound Evaluation* to the USEPA, with the recommendation that the treatment system be permanently shut down because remedial goals for the Site had been reached. The USEPA requested in an email dated August 17, 2009 that the GWETS be restarted. The GWETS was formally restarted on November 19, 2009 following system modifications due to the facility no longer requiring the water, and the replacement of a failed pump in RA-2. A carbon changeout was last performed for the system during the fourth quarter of 2011.

Results for routine GWETS sampling events are presented on Table 3. During the current quarter 5,426,993 of treated water were discharged to Bean Creek (Table 4).

Summary of Groundwater Quality Data Validation

Groundwater quality data were reviewed and assigned qualifiers in accordance with the *Laboratory Data Validation Functional Guidelines for Evaluating Organic Analyses* (USEPA, 1985). Sample results are considered valid and usable without qualification. Sample results for the quality control (QC) batch were

accepted by the laboratory based on percent recoveries and completeness of the QC data. The quality assurance/quality control (QA/QC) data validation summary for groundwater is included in Appendix A.

Summary

During the second quarter 2016 system sampling, the maximum PCE and TCE concentrations detected in the system influent was 4.1 and <0.5 µg/L, respectively. All influent concentrations were treated to below permit limits prior to discharge. Second quarter 2016 groundwater sampling was completed on April 26, 2016. Below is a summary from the second quarter 2016 groundwater sampling event.

During the second quarter 2016 groundwater sampling, PCE was detected above the MCL (5 µg/L) in of the 15 monitoring wells sampled (WJ-11, WJ-37A, WJ-43, EX-01, upgradient wells KV-2, KV-6, KV-7, and KV-9).

- Maximum PCE concentration was 63 µg/L at KV-7 at 115 feet BTOC.
- Maximum TCE concentration was 3.4 µg/L at KV-6 at 125 feet BTOC.

During the second quarter 2016 sampling event cis-1,2-DCE was detected at KV-6/KV-3 and is summarized below:

- KV-6 at 125 and 133 feet BTOC at concentrations of 0.6 and 0.6 µg/L, respectively
- KV-3 at 172 and 182 feet BTOC at concentrations of 0.9 and 1.6 µg/L.

At the Wescosa Well location, 1, 2-DCA was detected at a concentration of 1.2 µg/L and vinyl chloride was detected at a concentration of 0.7 µg/L. Other analytes were not detected at wells sampled this quarter.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Arcadis

Katherine Brandt

PROFESSIONAL GEOLOGIST
KATHERINE BRANDT
No 9132
Expires 3/31/2018
STATE OF CALIFORNIA

Katherine Brandt P.G.
Certified Project Manager

Attachments:

Table 1 Summary of Groundwater Elevation Data – Selected Wells
Table 2 Results of Laboratory Analyses for Selected Purgeable Halocarbons
Table 3 Results of Laboratory Analyses for Volatile Organic Compounds in the Treatment System Samples
Table 4 Summary of Groundwater Extraction, Usage, and Discharge to Bean Creek

Figure 1 Site Location Map
Figure2 Regional Zone Groundwater Elevations (April 2016)
Figure 3 Groundwater Analytical Results – PCE and TCE (April 2016)

Appendix A Data Validation Summary
Appendix B Groundwater Sampling Field Forms
Appendix C Laboratory Analytical Results

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Ms. Alison Jones
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Tables

Table 1
Summary of Groundwater Elevation Data – Selected Wells
Watkins-Johnson Superfund Site
Scotts Valley, California
USEPA Second Quarter 2016 Monitoring Report

Monitoring Well	Date	Groundwater Elevation (ft amsl)	Change from Previous Measurement (ft)	Quarter
AP-1	02/02/07	343.97	---	1st 2007
AP-1	02/12/08	342.34	-1.63	1st 2008
AP-3N	02/02/07	347.53	---	1st 2007
AP-3N	02/12/08	347.19	-0.34	1st 2008
AP-3N	03/20/09	348.49	1.30	2nd 2009
AP-3N	04/21/09	328.45	-20.04	2nd 2009
AP-3N	05/21/09	348.40	19.95	2nd 2009
DH-7	02/23/10	370.28	---	1st 2010
M-1	02/02/07	344.36	---	1st 2007
M-1	02/12/08	344.53	0.17	1st 2008
MW-2	10/20/09	DRY	---	4th 2009
OB-1	02/02/07	345.83	---	1st 2007
OB-1	02/12/08	344.26	-1.57	1st 2008
OB-1	03/20/09	347.34	3.08	2nd 2009
OB-1	04/21/09	345.81	-1.53	2nd 2009
OB-1	05/21/09	347.86	3.60	2nd 2009
OB-1	02/23/10	347.53	0.19	1st 2010
OB-2	02/02/07	346.08	---	1st 2007
OB-2	02/12/08	344.38	-1.70	1st 2008
OB-2	12/19/08	343.73	-0.65	1st 2009
OB-2	02/23/09	346.47	2.74	1st 2009
OB-2	03/20/09	347.43	0.96	2nd 2009
OB-2	04/21/09	347.97	0.54	2nd 2009
OB-2	05/21/09	348.01	0.04	2nd 2009
OB-2	02/23/10	347.83	-0.18	1st 2010
OB-3	02/02/07	346.37	---	1st 2007
OB-3	02/18/07	344.77	-1.60	1st 2008
PZE-6	10/20/09	DRY	---	4th 2009
RA-1	02/02/07	345.82	---	1st 2007
RA-1	02/18/07	344.22	-1.60	1st 2008
RA-1	12/05/08	343.19	-1.03	1st 2009
RA-1	12/19/08	343.62	0.43	1st 2009
RA-1	02/23/09	346.62	3.00	1st 2009
RA-1	03/20/09	347.62	1.00	2nd 2009
RA-1	04/21/09	348.02	0.40	2nd 2009
RA-1	05/21/09	348.07	1.45	2nd 2009
RA-2	02/02/07	328.84	---	1st 2007
RA-2	02/12/08	336.76	7.92	1st 2008
RA-2	12/05/08	335.74	-1.02	1st 2009
RA-2	12/19/08	338.24	2.50	1st 2009
RA-2	02/23/09	346.19	7.95	1st 2009
RA-2	03/20/09	352.24	6.05	2nd 2009
RA-2	04/21/09	347.54	-4.70	2nd 2009
RA-2	05/21/09	347.59	1.40	2nd 2009
RA-3	02/02/07	344.24	---	1st 2007
RA-3	02/12/08	344.06	-0.18	1st 2008
RA-3	12/05/08	342.88	-1.18	1st 2009
RA-3	12/19/08	342.88	0.00	1st 2009
RA-3	02/23/09	344.88	2.00	1st 2009
RA-3	03/20/09	345.48	0.60	2nd 2009
RA-3	04/21/09	345.55	0.07	2nd 2009
RA-3	05/21/09	345.32	0.44	2nd 2009
RA-4	12/05/08	343.59	---	1st 2009
RA-4	12/19/08	343.63	0.04	1st 2009

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Monitoring Well	Date	Groundwater Elevation (ft amsl)	Change from Previous Measurement (ft)	Quarter
SUPPLY WELL	02/02/07	346.86	---	1st 2007
SUPPLY WELL	02/12/08	347.05	0.19	1st 2008
SUPPLY WELL	02/23/10	347.88	0.83	1st 2010
SVWD #9 Monitor Well	05/13/08	346.50	---	2nd 2008
WJ-11	02/02/07	346.88	---	1st 2007
WJ-11	02/12/08	345.03	-1.85	1st 2008
WJ-11	12/05/08	344.11	-0.92	1st 2009
WJ-11	12/19/08	344.12	0.01	1st 2009
WJ-11	02/23/09	346.79	2.67	1st 2009
WJ-11	03/20/09	347.76	0.97	2nd 2009
WJ-11	04/21/09	348.36	0.60	2nd 2009
WJ-11	05/21/09	348.55	0.19	2nd 2009
WJ-11	02/23/10	347.95	-0.60	1st 2010
WJ-11	05/12/10	347.89	-0.06	2nd 2010
WJ-11	08/19/10	347.74	-0.15	3rd 2010
WJ-11*	11/17/10	350.13	2.39	4th 2010
WJ-11*	02/09/11	350.38	0.25	1st 2011
WJ-11*	04/13/11	351.46	1.08	2nd 2011
WJ-11*	07/19/11	351.98	0.52	3rd 2011
WJ-11*	10/18/11	352.49	0.51	4th 2011
WJ-11*	02/09/12	353.56	1.07	1st 2012
WJ-11*	05/31/12	351.15	-2.41	2nd 2012
WJ-11*	08/15/12	351.80	0.65	3rd 2012
WJ-11*	10/23/12	351.20	-0.60	4th 2012
WJ-11*	01/09/13	350.93	-0.27	1st 2013
WJ-11*	03/11/13	350.72	-0.21	2nd 2013
WJ-11*	07/10/13	349.87	-0.85	3rd 2013
WJ-11*	10/10/13	349.50	-0.37	4th 2013
WJ-11*	01/23/14	350.40	0.90	1st 2014
WJ-11*	03/13/14	349.91	-0.49	2nd 2014
WJ-11*	07/03/14	349.15	-0.76	3rd 2014
WJ-11*	09/17/14	349.05	-0.10	4th 2014
WJ-11*	12/17/14	349.05	0.00	1st 2015
WJ-11*	03/26/15	348.71	-0.34	2nd 2015
WJ-11*	07/13/15	348.39	-0.32	3rd 2015
WJ-11*	10/15/15	350.04	-1.65	4th 2015
WJ-11*	03/30/16	349.43	0.61	1st 2016
WJ-11*	**04/26/16**	**348.95**	**0.48**	**2nd 2016**
WJ-21	02/02/07	NA	---	1st 2007
WJ-21	02/12/08	NA	NA	1st 2008
WJ-22	02/02/07	343.69	---	1st 2007
WJ-22	02/12/08	343.74	0.05	1st 2008
WJ-25A	02/02/07	327.21	---	1st 2007
WJ-25A	02/12/08	342.92	15.71	1st 2008
WJ-25A	12/05/08	342.97	0.05	1st 2009
WJ-25A	12/19/08	343.02	0.05	1st 2009
WJ-25A	02/23/09	331.04	-11.98	1st 2009
WJ-25A	03/20/09	343.20	12.16	2nd 2009
WJ-25A	04/21/09	343.03	-0.17	2nd 2009
WJ-25A	05/21/09	345.85	2.82	2nd 2009
WJ-26	02/02/07	346.88	---	1st 2007
WJ-26	02/12/08	345.18	-1.70	1st 2008
WJ-29A	02/02/07	346.26	---	1st 2007
WJ-29A	02/12/08	345.55	-0.71	1st 2008
WJ-29A	02/23/09	346.35	0.80	1st 2009
WJ-29A	03/20/09	347.20	0.85	2nd 2009
WJ-29A	04/21/09	347.40	0.20	2nd 2009

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WJ-29A	05/21/09	347.39	-0.01	2nd 2009
WJ-37	10/20/09	376.54	---	4th 2009
WJ-37A	02/02/07	346.69	---	1st 2007
WJ-37A*	05/01/07	346.72	---	3rd 2007
WJ-37A	12/05/08	343.89	0.00	1st 2009
WJ-37A	12/19/08	344.39	0.50	1st 2009
WJ-37A	02/23/09	346.74	2.35	1st 2009
WJ-37A	03/20/09	347.71	0.97	2nd 2009
WJ-37A	04/21/09	348.24	0.53	2nd 2009
WJ-37A	05/21/09	348.39	0.15	2nd 2009
WJ-37A	02/23/10	347.81	-0.58	1st 2010
WJ-37A	05/12/10	347.75	-0.06	2nd 2010
WJ-37A	08/19/10	347.61	-0.14	3rd 2010
WJ-37A*	11/17/10	349.96	2.35	4th 2010
WJ-37A*	02/09/11	350.25	0.29	1st 2011
WJ-37A*	04/13/11	351.37	1.12	2nd 2011
WJ-37A*	07/19/11	351.77	0.40	3rd 2011
WJ-37A*	10/18/11	352.34	0.57	4th 2011
WJ-37A*	02/09/12	351.45	-0.89	1st 2012
WJ-37A*	05/31/12	350.91	-0.54	2nd 2012
WJ-37A*	08/15/12	351.55	0.64	3rd 2012
WJ-37A*	10/23/12	351.05	-0.50	4th 2012
WJ-37A*	01/09/13	350.77	-0.28	1st 2013
WJ-37A*	03/11/13	346.46	-4.31	2nd 2013
WJ-37A*	07/10/13	349.03	2.57	3rd 2013
WJ-37A*	10/16/13	349.41	0.38	4th 2013
WJ-37A*	01/23/14	350.25	0.84	1st 2014
WJ-37A*	03/13/14	349.73	-0.52	2nd 2014
WJ-37A*	07/03/14	348.95	-0.78	3rd 2014
WJ-37A*	09/17/14	348.89	-0.06	4th 2014
WJ-37A*	12/17/14	348.85	-0.04	1st 2015
WJ-37A*	03/26/15	348.62	-0.23	2nd 2015
WJ-37A*	07/13/15	348.24	-0.38	3rd 2015
WJ-37A*	10/10/15	348.58	0.34	4th 2015
WJ-37A*	03/30/16	348.49	-0.09	1st 2016
WJ-37A*	**04/26/16**	**348.82**	**0.33**	**2nd 2016**
WJ-41	08/15/07	345.80	-0.92	4th 2006
WJ-41	11/13/07	348.13	2.33	1st 2007
WJ-41	02/12/08	345.55	-2.58	1st 2008
WJ-41	05/13/08	345.23	-0.32	2nd 2008
WJ-41	08/05/08	344.86	-0.37	3rd 2008
WJ-41	12/05/08	343.73	-1.13	1st 2009
WJ-41	12/19/08	344.85	1.12	1st 2009
WJ-41	02/23/09	347.51	2.66	1st 2009
WJ-41	03/20/09	348.43	0.92	2nd 2009
WJ-41	04/21/09	348.79	0.36	2nd 2009
WJ-41	05/21/09	348.88	0.09	2nd 2009
WJ-41	08/06/09	348.83	-0.05	3rd 2009
WJ-41	10/20/09	348.69	-0.14	4th 2009
WJ-41	02/23/10	348.67	-0.02	1st 2010
WJ-41	05/12/10	348.40	-0.27	2nd 2010
WJ-41	08/19/10	348.14	-0.26	3rd 2010
WJ-41*	11/17/10	348.82	0.68	4th 2010
WJ-41*	02/09/11	349.04	0.22	1st 2011
WJ-41*	04/13/11	350.56	1.52	2nd 2011
WJ-41*	07/19/11	350.54	-0.02	3rd 2011
WJ-41*	10/18/11	351.02	0.48	4th 2011
WJ-41*	02/09/12	350.11	-0.91	1st 2012

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WJ-41*	05/31/12	349.65	-0.46	2nd 2012
WJ-41*	08/15/12	350.51	0.86	3rd 2012
WJ-41*	10/23/12	350.81	0.30	4th 2012
WJ-41*	01/09/13	350.16	-0.65	1st 2013
WJ-41*	03/11/13	349.36	-0.80	2nd 2013
WJ-41*	07/10/13	348.36	-1.00	3rd 2013
WJ-41*	10/16/13	348.30	-0.06	4th 2013
WJ-41*	01/23/14	349.42	1.12	1st 2014
WJ-41*	03/13/14	348.78	-0.64	2nd 2014
WJ-41*	07/03/14	347.91	-0.87	3rd 2014
WJ-41*	09/17/14	348.03	0.12	4th 2014
WJ-41*	12/17/14	347.83	-0.20	1st 2015
WJ-41*	03/26/15	347.69	-0.14	2nd 2015
WJ-41*	07/13/15	347.53	-0.16	3rd 2015
WJ-41*	10/16/15	348.32	-0.79	4th 2015
WJ-41*	03/30/16	347.81	0.51	1st 2016
WJ-41*	**04/27/16**	**347.94**	**-0.13**	**2nd 2016**
WJ-43	05/01/07	346.52	---	3rd 2006
WJ-43	08/15/07	345.53	-0.99	4th 2006
WJ-43	11/13/07	344.18	-1.35	1st 2007
WJ-43	02/12/08	344.89	0.71	1st 2008
WJ-43	05/13/08	#DIV/0!	#DIV/0!	2nd 2008
WJ-43	08/05/08	344.35	#DIV/0!	3rd 2008
WJ-43	05/13/08	-25939614.08	-25939958.43	2nd 2008
WJ-43	12/05/08	-25957541.00	-25957885.35	1st 2009
WJ-43	12/19/08	343.98	25957884.98	1st 2009
WJ-43	02/23/09	346.66	2.68	1st 2009
WJ-43	03/20/09	347.64	0.98	2nd 2009
WJ-43	04/21/09	348.23	0.59	2nd 2009
WJ-43	05/21/09	348.38	0.15	2nd 2009
WJ-43	08/06/09	348.30	-0.08	3rd 2009
WJ-43	10/20/09	348.09	-0.21	4th 2009
WJ-43	02/23/10	347.86	-0.23	1st 2010
WJ-43	05/12/10	347.77	-0.09	2nd 2010
WJ-43	08/19/10	347.66	-0.11	3rd 2010
WJ-43*	11/17/10	349.96	2.30	4th 2010
WJ-43*	02/09/11	350.23	0.27	1st 2011
WJ-43*	04/13/11	351.26	1.03	2nd 2011
WJ-43*	07/19/11	351.77	0.51	3rd 2011
WJ-43*	10/18/11	352.33	0.56	4th 2011
WJ-43*	02/09/12	351.50	-0.83	1st 2012
WJ-43*	05/31/12	350.98	-0.52	2nd 2012
WJ-43*	08/15/12	351.57	0.59	3rd 2012
WJ-43*	10/23/12	351.00	-0.57	4th 2012
WJ-43*	01/09/13	350.86	-0.14	1st 2013
WJ-43*	03/11/13	350.65	-0.21	2nd 2013
WJ-43*	07/10/13	348.69	-1.96	3rd 2013
WJ-43*	10/16/13	349.43	0.74	4th 2013
WJ-43*	01/23/14	350.21	0.78	1st 2014
WJ-43*	03/13/14	349.77	-0.44	2nd 2014
WJ-43*	07/03/14	348.96	-0.81	3rd 2014
WJ-43*	09/17/14	348.84	-0.12	4th 2014
WJ-43*	12/17/14	348.80	-0.04	1st 2015
WJ-43*	03/26/15	348.60	-0.20	2nd 2015
WJ-43*	07/13/15	348.45	-0.15	3rd 2015
WJ-43*	10/15/15	349.20	-0.75	4th 2015
WJ-43*	03/30/16	350.00	-0.80	1st 2016
WJ-43*	**04/26/16**	**348.86**	**1.14**	**2nd 2016**
WJ-48	02/02/07	346.32	---	1st 2007

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WJ-48	02/12/08	344.60	-1.72	1st 2008
WJ-48	02/23/10	347.94	3.34	1st 2010
WJ-49	02/02/07	346.37	---	1st 2007
WJ-49	02/12/08	340.81	-5.56	1st 2008
WJ-51	10/20/09	DRY	---	4th 2009
KV-1*	01/05/11	351.00	0.00	1st 2011
KV-1*	02/09/11	351.19	-0.19	1st 2011
KV-1*	04/13/11	352.20	1.01	2nd 2011
KV-1*	07/19/11	352.67	0.47	3rd 2011
KV-1*	10/18/11	353.38	0.71	4th 2011
KV-1*	02/09/12	352.54	-0.84	1st 2012
KV-1*	05/31/12	352.54	0.00	2nd 2012
KV-1*	08/15/12	352.68	0.14	3rd 2012
KV-1*	10/23/12	352.10	-0.58	4th 2012
KV-1*	01/09/13	351.82	-0.28	1st 2013
KV-1*	03/11/13	351.62	-0.20	2nd 2013
KV-1*	07/10/13	351.25	-0.37	3rd 2013
KV-1*	10/10/13	350.44	-0.81	4th 2013
KV-1*	01/23/14	351.32	0.88	1st 2014
KV-1*	03/13/14	350.73	-0.59	2nd 2014
KV-1*	07/01/14	350.13	-0.60	3rd 2014
KV-1*	09/17/14	349.97	-0.16	4th 2014
KV-1*	12/17/14	349.86	-0.11	1st 2015
KV-1*	03/26/15	351.24	1.38	2nd 2015
KV-1*	07/13/15	349.76	-1.48	3rd 2015
KV-1*	10/15/15	350.01	-0.25	4th 2015
KV-1*	03/30/16	349.50	0.51	1st 2016
KV-1*	**04/26/16**	**349.75**	**-0.25**	**2nd 2016**
KV-2*	01/05/11	350.91	0.00	1st 2011
KV-2*	02/09/11	350.99	-0.08	1st 2011
KV-2*	04/13/11	352.16	1.17	2nd 2011
KV-2*	07/19/11	352.77	0.61	3rd 2011
KV-2*	10/18/11	356.13	3.36	4th 2011
KV-2*	02/09/12	352.59	-3.54	1st 2012
KV-2*	05/31/12	352.59	0.00	2nd 2012
KV-2*	08/15/12	352.57	-0.02	3rd 2012
KV-2*	10/23/12	351.97	-0.60	4th 2012
KV-2*	01/09/13	351.73	-0.24	1st 2013
KV-2*	03/11/13	351.53	-0.20	2nd 2013
KV-2*	07/10/13	350.59	-0.94	3rd 2013
KV-2*	10/10/13	350.39	-0.20	4th 2013
KV-2*	01/23/14	351.19	0.80	1st 2014
KV-2*	03/13/14	350.61	-0.58	2nd 2014
KV-2*	07/01/14	351.07	0.46	3rd 2014
KV-2*	09/17/14	350.80	-0.27	4th 2014
KV-2*	12/17/14	349.77	-1.03	1st 2015
KV-2*	03/26/15	351.76	1.99	2nd 2015
KV-2*	07/13/15	350.79	-0.97	3rd 2015
KV-2*	10/15/15	350.88	-0.09	4th 2015
KV-2*	03/30/16	349.23	1.65	1st 2016
KV-2*	**04/26/16**	**349.63**	**-0.40**	**2nd 2016**
KV-3*	11/17/10	390.98	0.00	4th 2010
KV-3*	01/05/11	392.82	-1.84	1st 2011
KV-3*	02/09/11	---	---	1st 2011
KV-3*	04/13/11	393.10	---	2nd 2011
KV-3*	07/19/11	394.30	1.20	3rd 2011
KV-3*	10/18/11	395.06	0.76	4th 2011
KV-3*	02/09/12	396.68	1.62	1st 2012

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KV-3*	05/31/12	396.68	0.00	2nd 2012
KV-3*	08/15/12	397.96	1.28	3rd 2012
KV-3*	10/23/12	398.62	0.66	4th 2012
KV-3*	01/09/13	399.66	1.04	1st 2013
KV-3*	03/11/13	400.36	0.70	2nd 2013
KV-3*	07/10/13	394.62	-5.74	3rd 2013
KV-3*	10/10/13	398.65	4.03	4th 2013
KV-3*	01/23/14	400.42	1.77	1st 2014
KV-3*	03/13/14	400.00	-0.42	2nd 2014
KV-3*	07/01/14	399.69	-0.31	3rd 2014
KV-3*	09/17/14	399.45	-0.24	4th 2014
KV-3*	12/17/14	400.12	0.67	1st 2015
KV-3*	03/26/15	400.35	0.23	2nd 2015
KV-3*	07/13/15	399.45	-0.90	3rd 2015
KV-3*	10/15/15	400.71	-1.26	4th 2015
KV-3*	03/30/16	401.72	-1.01	1st 2016
KV-3*	**04/26/16**	**401.88**	**-0.16**	**2nd 2016**
KV-4*	01/05/11	354.85	0.00	1st 2011
KV-4*	02/09/11	354.94	-0.09	1st 2011
KV-4*	04/13/11	355.82	0.88	2nd 2011
KV-4*	07/19/11	356.56	0.74	3rd 2011
KV-4*	10/18/11	357.82	1.26	4th 2011
KV-4*	02/09/12	357.20	-0.62	1st 2012
KV-4*	05/31/12	357.60	0.40	2nd 2012
KV-4*	08/15/12	357.65	0.05	3rd 2012
KV-4*	10/23/12	358.06	0.41	4th 2012
KV-4*	01/09/13	421.44	63.38	1st 2013
KV-4*	03/11/13	358.19	-63.25	2nd 2013
KV-4*	07/10/13	418.38	60.19	3rd 2013
KV-4*	10/10/13	350.66	-67.72	4th 2013
KV-4*	01/23/14	352.96	2.30	1st 2014
KV-4*	03/13/14	351.79	-1.17	2nd 2014
KV-4*	07/01/14	352.31	0.52	3rd 2014
KV-4*	09/17/14	352.07	-0.24	4th 2014
KV-4*	12/17/14	352.23	0.16	1st 2015
KV-4*	03/26/15	352.67	0.44	2nd 2015
KV-4*	07/13/15	352.22	-0.45	3rd 2015
KV-4*	10/15/15	355.07	-2.85	4th 2015
KV-4*	03/30/16	354.41	0.66	1st 2016
KV-4*	**04/26/16**	**354.66**	**-0.25**	**2nd 2016**
KV-5	01/23/14	398.99	0.00	1st 2014
KV-5	03/13/14	399.23	0.24	2nd 2014
KV-5	07/01/14	399.17	-0.06	3rd 2014
KV-5	09/17/14	399.03	-0.14	4th 2014
KV-5	12/17/14	399.06	0.03	1st 2015
KV-5	03/26/15	399.23	0.17	2nd 2015
KV-5	07/13/15	398.96	-0.27	3rd 2015
KV-5	10/15/15	399.28	-0.32	4th 2015
KV-5	03/30/16	399.58	-0.30	1st 2016
KV-5	**04/26/16**	**399.60**	**-0.02**	**2nd 2016**
KV-6	01/23/14	394.83	0.00	1st 2014
KV-6	03/13/14	394.55	-0.28	2nd 2014
KV-6	07/01/14	394.44	-0.11	3rd 2014
KV-6	09/17/14	394.25	-0.19	4th 2014
KV-6	12/17/14	393.71	-0.54	1st 2015
KV-6	03/26/15	394.11	0.40	2nd 2015
KV-6	07/13/15	394.12	0.01	3rd 2015
KV-6	10/15/15	392.60	1.52	4th 2015
KV-6	03/30/16	392.86	-0.26	1st 2016

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KV-6	**04/26/16**	**393.28**	**-0.42**	**2nd 2016**
KV-7	01/23/14	408.36	0.00	1st 2014
KV-7	03/13/14	408.21	-0.15	2nd 2014
KV-7	07/01/14	408.31	0.10	3rd 2014
KV-7	09/17/14	407.65	-0.66	4th 2014
KV-7	12/17/14	407.73	0.08	1st 2015
KV-7	05/08/15	408.01	0.28	2nd 2015
KV-7	07/13/15	407.49	-0.52	3rd 2015
KV-7	10/15/15	407.79	-0.30	4th 2015
KV-7	03/30/16	408.47	-0.68	1st 2016
KV-7	**04/26/16**	**409.11**	**-0.64**	**2nd 2016**
KV-8	01/23/14	353.01	0.00	1st 2014
KV-8	03/13/14	352.49	-0.52	2nd 2014
KV-8	07/01/14	352.02	-0.47	3rd 2014
KV-8	09/17/14	351.76	-0.26	4th 2014
KV-8	12/17/14	352.04	0.28	1st 2015
KV-8	03/26/15	352.23	0.19	2nd 2015
KV-8	07/13/15	351.20	-1.03	3rd 2015
KV-8	10/15/15	352.32	-1.12	4th 2015
KV-8	03/30/16	351.86	0.46	1st 2016
KV-8	**04/26/16**	**351.98**	**-0.12**	**2nd 2016**
KV-9	01/23/14	388.01	0.00	1st 2014
KV-9	03/13/14	387.64	-0.37	2nd 2014
KV-9	07/01/14	387.21	-0.43	3rd 2014
KV-9	09/17/14	387.10	-0.11	4th 2014
KV-9	12/17/14	---	---	1st 2015
KV-9	05/08/15	386.26	-0.84	2nd 2015
KV-9	07/13/15	386.91	0.65	3rd 2015
KV-9	10/05/15	385.84	1.07	4th 2015
KV-9	03/30/16	385.89	-0.05	1st 2016
KV-9	**04/26/16**	**386.21**	**-0.32**	**2nd 2016**
EX-1	01/23/14	350.50	0.00	1st 2014
EX-1	03/13/14	349.96	-0.54	2nd 2014
EX-1	07/03/14	349.21	-0.75	3rd 2014
EX-1	09/17/14	348.86	-0.35	4th 2014
EX-1	12/17/14	349.09	0.23	1st 2015
EX-1	03/26/15	348.82	-0.27	2nd 2015
EX-1	07/13/15	348.54	-0.28	3rd 2015
EX-1	10/15/15	349.26	-0.72	4th 2015
EX-1	03/30/16	349.56	-0.30	1st 2016
EX-1	**04/26/16**	**348.86**	**0.70**	**2nd 2016**

Notes:

ft = feet
ft amsl = feet above mean sea level
ft btoc = feet below top of casing
--- unable to gauge water level
TOC top of casing
DRY well casing is dry
NS not sampled
* Surveyed / Re-surveyed by Muir Consulting on 12/10/10

Table 2

Results of Laboratory Analyses for Selected Purgeable Halocarbons

Watkins-Johnson Superfund Site

Scotts Valley, California

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Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
KV-1 -180	1/5/2011	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1 -180	02/09/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1 -180	04/13/11	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1 -180	07/19/11	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1 -180	10/18/11	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1 -180	02/09/12	12	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1 -180	05/31/12	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1-180	08/15/12	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1 -180	10/23/12	2	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1-180	01/09/13	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1-180	03/11/13	1.9	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
KV-1 -180	07/10/13	2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
KV-1-180	10/10/13	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1-180	01/23/14	2.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.1	<0.5	<0.5	<0.5
KV-1-180	03/13/14	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1-180	07/01/14	2.6	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1-180	09/17/14	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1-180	12/17/14	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1-180	03/26/15	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1-180	07/13/15	3	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-1-180	10/15/15	3.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
KV-1-180	03/30/16	2.6	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-1-180	**04/26/16**	**3.1**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-2 -180	01/05/11	35	0.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2 -180	02/09/11	22	1.1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	02/09/11	21	1.0	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	04/13/11	39	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	04/13/11	40	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	07/19/11	53	1.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	07/19/11	51	1.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	10/18/11	48	1.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	10/18/11	50	1.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	02/09/12	23	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	02/09/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	05/31/12	58	1.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	05/31/12	60	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	08/15/12	51	1.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	08/15/12	56	1.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	10/23/12	67	1.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	10/23/12	63	2.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	01/09/13	58	2.0	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	01/09/13	59	2.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	03/11/13	58	1.8	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
KV-2-180	07/10/13	27	1.1	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	07/10/13	28	1.1	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	---
KV-2-180	10/10/13	32	1.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	10/10/13	32	1.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	01/23/14	30	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	01/23/14	30	0.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	03/13/14	27	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	03/13/14	21	0.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	07/01/14	24	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	07/01/14	23	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	09/17/14	20	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	09/17/14	21	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-180	12/17/14	22	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	12/17/14	25	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180	03/26/15	26	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	03/26/15	29	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	--
KV-2-180	07/13/15	20	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	07/13/15	16	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180	10/15/15	39	1.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	10/15/15	37	1.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-180	03/30/16	27	1.3	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-2-180/Dup 2	03/30/16	27	1.3	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5

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Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
KV-2-180	**04/26/16**	**46**	**2**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-2-180/Dup 2	**04/26/16**	**42**	**1.8**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-2-190	02/09/11	11	1.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-190	04/13/11	19	1.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-190	07/19/11	27	1.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-190	10/18/11	24	1.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-190	02/09/12	6.1	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-190	05/31/12	38	1.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-190	08/15/12	22	2.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-190	10/23/12	27	1.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-190	01/09/13	25	2.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-190	03/11/13	23	2.0	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
KV-2-190/Dup 2	03/11/13	24	2.2	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
KV-2-190	07/10/13	12	1.7	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
KV-2-190	10/10/13	15	2.1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-190	01/23/14	16	1.8	<0.5	<0.5	<0.5	<0.5	<1.1	<0.5	<0.5	<0.5
KV-2-190	03/13/14	9.9	1.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-190	07/01/14	14	1.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-190	09/17/14	11	1.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-190	12/17/14	13	1.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-190	03/26/15	13	1.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	--
KV-2-190	07/13/15	16	1.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-190	10/15/15	5.7	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
KV-2-190	03/30/16	21	1.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-2-190	**04/26/16**	**16**	**2.1**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-2-200	01/05/11	3.7	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-200	02/09/11	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-200	04/13/11	5.9	1.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-200	07/19/11	8.1	2.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-200	10/18/11	8.0	2.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-200	02/09/12	2.2	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-200	05/31/12	12	2.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-200	08/15/12	9.8	2.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-200	10/23/12	10	1.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-200	01/09/13	11	2.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-2-200	03/11/13	11	2.4	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
KV-2-200	07/10/13	7.4	2.4	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
KV-2-200	10/10/13	8.6	2.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-200	01/23/14	8	2.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-200	03/13/14	4.7	1.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-200	07/01/14	6.5	2.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-200	09/17/14	5.1	2.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-200	12/17/14	5.0	2.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-200	03/26/15	5.6	2.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	--
KV-2-200	07/13/15	4.8	2.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-2-200	10/15/15	15.0	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
KV-2-200	03/30/16	5.8	1.9	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-2-200	**04/26/16**	**7.6**	**2.6**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-3-172	11/17/10	<0.5	1.2	<0.5	<0.5	0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	01/05/11	0.7	1.0	<0.5	<0.5	0.7	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	02/17/11	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	04/13/11	1.0	1.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	07/19/11	1.1	1.8	<0.5	<0.5	0.6	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	10/18/11	1.0	1.8	<0.5	<0.5	0.6	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	02/09/12	1.2	1.7	<0.5	<0.5	0.7	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	05/31/12	1.6	1.8	<0.5	<0.5	0.7	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	08/15/12	0.9	1.7	<0.5	<0.5	0.8	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	10/23/12	1.2	2.0	<0.5	<0.5	1.0	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	01/09/13	1.1	1.9	<0.5	<0.5	0.9	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	03/11/13	0.9	1.7	<0.5	<0.5	0.8	<1.0	<2.0	<0.5	<0.5	<0.5
KV-3-172	07/10/13	0.7	1.7	<0.5	<0.5	0.9	<0.5	<1.0	<0.5	<0.5	<0.5
KV-3-172	10/10/13	0.9	1.9	<0.5	<0.5	0.9	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	01/23/14	1.1	1.6	<0.5	<0.5	0.9	<0.5	<5.0	<0.5	<0.5	0.5
KV-3-172	03/13/14	0.9	1.6	<0.5	<0.5	0.8	<0.5	<5.0	<0.5	<0.5	0.5
KV-3-172	07/01/14	<0.5	2.4	<0.5	<0.5	0.6	<0.5	<5.0	<0.5	<0.5	<0.5

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Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
KV-3-172	09/17/14	1.1	1.7	<0.5	<0.5	0.6	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	12/17/14	1.2	1.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	03/26/15	1.3	1.0	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	07/13/15	1.2	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-172	10/15/15	1.3	0.9	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5
KV-3-172	03/30/16	0.7	0.8	<0.5	<0.5	1.3	<0.5	<2.0	<0.5	<0.5	<0.5
KV-3-172	**04/26/16**	**0.7**	**1.3**	**<0.5**	**<0.5**	**0.9**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-3-182	11/17/10	<0.5	1.2	<0.5	<0.5	0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-182	01/05/11	0.5	0.9	<0.5	<0.5	0.6	<0.5	<5.0	<0.5	<0.5	---
KV-3-182	02/17/11	<0.5	1.4	<0.5	<0.5	0.6	<0.5	<5.0	<0.5	<0.5	---
KV-3-182	04/13/11	1.1	1.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-3-182	07/19/11	1.2	1.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-3-182	10/18/11	1.0	1.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-3-182	02/09/12	1.2	1.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-3-182	05/31/12	1.6	1.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-3-182	08/15/12	1.0	1.6	<0.5	<0.5	0.6	<0.5	<5.0	<0.5	<0.5	---
KV-3-182	10/23/12	1.1	1.7	<0.5	<0.5	0.8	<0.5	<5.0	<0.5	<0.5	---
KV-3-182	01/09/13	1.3	1.7	<0.5	<0.5	0.8	<0.5	<5.0	<0.5	<0.5	---
KV-3-182	03/11/13	1.0	1.7	<0.5	<0.5	0.8	<1.0	<2.0	<0.5	<0.5	<0.5
KV-3-182	07/10/13	0.6	1.4	<0.5	<0.5	0.7	<0.5	<1.0	<0.5	<0.5	0.6
KV-3-182	10/10/13	1.1	1.9	<0.5	<0.5	0.7	<0.5	<5.0	<0.5	<0.5	1.7
KV-3-182	01/23/14	1.1	1.7	<0.5	<0.5	0.7	<0.5	<5.0	<0.5	<0.5	1.6
KV-3-182	03/13/14	0.9	1.5	<0.5	<0.5	0.7	<0.5	<5.0	<0.5	<0.5	1.0
KV-3-182	07/01/14	0.9	1.5	<0.5	<0.5	0.6	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-182	09/17/14	0.9	1.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-182	12/17/14	1.2	1.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-182	03/26/15	1.3	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	--
KV-3-182	07/13/15	1.2	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-3-182	10/15/15	1	0.7	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5
KV-3-182	03/30/16	0.8	0.9	<0.5	<0.5	0.8	<0.5	<2.0	<0.5	<0.5	<0.5
KV-3-182	**04/26/16**	**<0.5**	**1.0**	**<0.5**	**<0.5**	**1.6**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-4-185	01/05/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185 / Dup 1	01/05/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
KV-4-185	02/09/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	04/13/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	07/19/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	10/18/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	02/09/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	05/31/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	08/15/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	10/23/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	01/09/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	03/11/13	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
KV-4-185	07/10/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
KV-4-185	10/10/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	01/23/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	03/13/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	07/01/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	09/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	12/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	03/26/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	07/13/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	10/15/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-4-185	03/30/16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-4-185	**04/26/16**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-5-126	01/23/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-5-126	03/13/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-5-126	07/01/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-5-126	09/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-5-126	12/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-5-126	03/26/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-5-126	07/13/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-5-126	10/15/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-5-126	03/30/16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-5-126	**04/26/16**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**

Table 2
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Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
KV-6-125	01/23/14	63	3.3	<0.5	<0.5	1.3	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-125	03/13/14	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-125	07/01/14	68	3.5	<0.5	<0.5	1.3	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-125	09/17/14	64	3.6	<0.5	<0.5	0.8	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-125	12/17/14	62	2.6	<0.5	<0.5	0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-125	03/26/15	62	3.1	<0.5	<0.5	0.7	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-125	07/13/15	65	3.2	<0.5	<0.5	0.7	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-125	10/15/15	64	3.6	<0.5	<0.5	0.7	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-125	03/30/16	42	2.4	<0.5	<0.5	<0.5	<.5	<2.0	<0.5	<0.5	<0.5
KV-6-125	**04/26/16**	**55**	**3.4**	**<0.5**	**<0.5**	**0.6**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-6-133	01/23/14	38	3.6	<0.5	<0.5	1.0	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-133	03/13/14	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-133	07/01/14	63	4.0	<0.5	<0.5	1.2	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-133	09/17/14	54	3.6	<0.5	<0.5	1.0	<0.5	<2.0	<0.5	<0.5	<0.5
KV-6-133	12/17/14	61	2.8	<0.5	<0.5	0.6	<0.5	<2.0	<0.5	<0.5	<0.5
KV-6-133	03/26/15	57	3.0	<0.5	<0.5	0.7	<0.5	<2.0	<0.5	<0.5	--
KV-6-133	07/13/15	69	3.0	<0.5	<0.5	0.7	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-133	10/15/15	65	3.6	<0.5	<0.5	0.7	<0.5	<5.0	<0.5	<0.5	<0.5
KV-6-133	03/30/16	46	2.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-6-133	**04/26/16**	**38**	**3.1**	**<0.5**	**<0.5**	**0.6**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-7-115	01/23/14	73	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-115	03/13/14	---	---	---	---	---	---	---	---	---	---
KV-7-115	07/01/14	67	0.6	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
KV-7-115	09/17/14	77	0.9	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
KV-7-115	12/17/14	97	0.9	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
KV-7-115	05/08/15	88	1.0	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-115	07/13/15	92	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-115	10/15/15	78	1.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-115	03/30/16	70	0.9	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-7-115	**04/26/16**	**63**	**0.9**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-7-125	01/23/14	31	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-125	03/13/14	49	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-125	07/01/14	48	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
KV-7-125	09/17/14	42	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
KV-7-125	12/17/14	51	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
KV-7-125	05/08/15	61	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-125	07/13/15	52	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-125	05/08/15	61	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-125	101/15/15	35	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-125	03/30/16	60	0.8	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-7-125	**04/26/16**	**41**	**0.7**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-7-136	01/23/14	27	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-136	03/13/14	22	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-136	07/01/14	31	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-136	09/17/14	29	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-136	12/17/14	32	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-136	05/08/15	37	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-136	07/13/15	32	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-136	10/15/15	62	0.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-7-136	03/30/16	30	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-7-136	**04/26/16**	**26**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-8-174	01/23/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-174	03/13/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-174	07/01/14	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-174	09/17/14	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-174	12/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-174	03/26/15	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-174	07/13/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-174	10/15/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-174	03/30/16	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-8-174	**04/26/16**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**<0.5**	**<0.5**

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Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
KV-8-185	01/23/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-185	03/13/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-185	07/01/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-185	09/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-185	12/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-185	03/26/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	--
KV-8-185	07/13/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-185	10/15/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-185	**12/01/15**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
KV-8-185	03/30/16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-8-185	**04/26/16**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**<0.5**	**<0.5**
KV-8-195	01/23/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-195	03/13/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-195	07/01/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-195	09/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-195	12/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-195	03/26/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	--
KV-8-195	07/13/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-195	10/15/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-8-195	03/30/16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-8-195	**04/26/16**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**<0.5**	**<0.5**
KV-9-138	01/23/14	13	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-138	03/13/14	20	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-138	07/01/14	25	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-138	09/17/14	23	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-138	12/17/14	--	--	--	--	--	--	--	--	--	--
KV-9-138	05/08/15	31	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-138	07/13/15	36	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-138	10/15/15	45	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-138	03/30/16	33	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-9-138	**04/26/16**	**36**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
KV-9-148	01/23/14	12	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-148	03/13/14	17	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-148	07/01/14	25	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-148	09/17/14	23	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-148	12/17/14	--	--	--	--	--	--	--	--	--	--
KV-9-148	05/08/15	33	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-148	07/13/15	35	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-148	10/15/15	49	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
KV-9-148	03/30/16	35	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
KV-9-148	**04/26/16**	**40**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
EX-1-125	01/23/14	12	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-125	03/13/14	13	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-125	07/03/14	11	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-125	09/17/14	6.4	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-125	12/17/14	9.8	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-125	03/26/15	8.6	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-125	07/13/15	8.1	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-125	10/15/15	23	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-125	03/30/16	10	0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
EX-1-125	**04/26/16**	**18**	**0.6**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
EX-1-145	01/23/14	19	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-145	03/13/14	30	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-145	07/03/14	31	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-145	09/17/14	29	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-145	12/17/14	32	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-145	03/26/15	27	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	--
EX-1-145	07/13/15	22	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-145	10/15/15	25	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
EX-1-145	03/30/16	23	0.7	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
EX-1-145	**04/26/16**	**19**	**0.7**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**

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Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
Wescosa Well	11/17/10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	02/09/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	04/13/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	07/19/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	10/18/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	02/09/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	05/31/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	08/15/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	10/23/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	01/09/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	03/11/13	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
Wescosa Well	07/10/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	10/10/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	01/23/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	03/13/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	07/01/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	09/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	12/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	03/26/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Wescosa Well	07/13/15	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
Wescosa Well	10/15/15	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
Wescosa Well	03/30/16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
Wescosa Well	**04/26/16**	**<0.5**	**<0.5**	**<0.5**	**1.2**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
WJ-11	01/03/85	---	<1	---	---	<1	---	---	---	---	---
WJ-11	08/02/86	0.03	<0.01	---	---	---	---	---	---	---	---
WJ-11	11/26/86	<1	<1	---	---	---	---	---	---	---	---
WJ-11	12/10/86	<1	<1	---	---	---	---	---	---	---	---
WJ-11	01/07/87	<1	<1	---	---	---	---	---	---	---	---
WJ-11	01/29/87	<0.5	<0.5	---	---	---	---	---	---	---	---
WJ-11	05/23/87	<0.5	<0.5	---	---	<0.5	---	---	---	---	---
WJ-11	08/26/87	<0.5	<0.5	---	---	---	---	---	---	---	---
WJ-11	09/11/91	<0.5	<0.5	---	---	<0.5	---	---	---	---	---
WJ-11	03/03/92	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-11	12/08/92	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-11	06/14/93	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-11	11/18/05	7.2	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-11	02/06/06	8.4	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-11	04/24/06	16	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-11	02/02/07	8.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
WJ-11	12/19/08	9.5	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-11	02/20/09	23	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-11	03/20/09	16	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-11	04/21/09	16	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-11	05/20/09	15	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-11	02/23/10	20	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-11	05/12/10	2.1	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-11	08/19/10	2.0	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-11	11/17/10	13.0	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	02/09/11	11.0	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	04/13/11	26.0	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	07/19/11	20.0	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	10/18/11	25	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	02/09/12	21	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	05/31/12	11	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	08/15/12	42	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	10/23/12	43	0.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	01/09/13	42	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	03/11/13	37	0.7	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
WJ-11	07/10/13	12	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
WJ-11	10/10/13	26	0.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	01/23/14	38	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	03/13/14	30	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	07/03/14	27	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	09/17/14	21	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	12/17/14	17	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	03/26/15	16	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5

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Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
WJ-11	07/13/15	13	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	10/15/15	24	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-11	03/30/16	12	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
WJ-11	**04/26/16**	**8.6**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
WJ-25A	07/03/02	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-25A	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
WJ-25A	12/19/08	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-25A	02/20/09	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-25A	03/20/09	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-25A	04/21/09	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-25A	05/20/09	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-26	06/15/96	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	1.9	0.6	0.6	---
WJ-26	06/02/99	<0.5	1.1	0.5	<0.5	<0.5	<0.5	5.1	1.1	1	---
WJ-26	12/13/99	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.8	---
WJ-26	06/16/00	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	1.9	0.6	0.6	---
WJ-26	12/15/00	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	1.58	<0.500	<0.500	---
WJ-26	06/11/01	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-26	06/11/01	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-26	01/31/02	<0.50	0.52	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	<0.50	---
WJ-26	06/27/02	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	1.1	<0.40	<0.50	---
WJ-26	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<0.50	<0.50	<0.50
WJ-29A	06/14/96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-29A	06/02/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
WJ-29A	12/13/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-29A	06/15/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-29A	12/15/00	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-29A	06/07/01	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-29A	01/31/02	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-29A	06/25/02	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-29A	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
WJ-37 (perched)	10/20/2009[2]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	05/25/87	<0.5	---	---	---	---	---	---	---	---	---
WJ-37A	08/24/87	<0.5	<0.5	---	---	---	---	---	---	---	---
WJ-37A	11/17/87	<0.5	<0.5	---	---	---	---	---	---	---	---
WJ-37A	03/10/88	<1	---	---	---	---	---	---	---	---	---
WJ-37A	06/19/88	<1	---	---	---	---	---	---	---	---	---
WJ-37A	09/15/88	<1	---	---	---	---	---	---	---	---	---
WJ-37A	06/22/89	---	<0.5	---	---	---	---	---	---	---	---
WJ-37A	09/02/89	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	06/20/90	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	09/18/90	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	09/12/91	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	03/04/92	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	09/15/92	0.73	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	12/08/92	ND	ND	---	---	---	---	---	---	---	---
WJ-37A	12/10/92	<0.5	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	06/14/93	ND	ND	---	---	---	---	---	---	---	---
WJ-37A	06/16/93	<0.5	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	12/14/93	0.5	ND	---	---	---	---	---	---	---	---
WJ-37A	12/15/93	0.5	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	06/15/94	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	12/20/94	ND	ND	---	---	---	---	---	---	---	---
WJ-37A	12/22/94	<0.5	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	06/05/95	ND	ND	---	---	---	---	---	---	---	---
WJ-37A	06/07/95	<0.5	0.8	---	---	<0.5	---	---	---	---	---
WJ-37A	12/27/95	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	06/12/96	<0.5	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	06/18/96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-37A	12/16/96	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	06/23/97	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	06/22/98	<0.5	<0.5	---	---	---	---	---	---	---	---
WJ-37A	06/24/98	<0.5	<0.5	---	---	<0.5	---	---	---	---	---
WJ-37A	06/01/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---

Table 2
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Watkins-Johnson Superfund Site
Scotts Valley, California
USEPA Second Quarter 2016 Monitoring Report

Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
WJ-37A	06/19/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-37A	06/06/01	0.63	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-37A	06/27/02	0.63	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-37A	11/18/05	1.8	<0.5	<0.5	<0.5	<0.5	<1.0	2.4	<0.5	<0.5	---
WJ-37A	02/06/06	1	<0.5	<0.5	<0.5	<0.5	<1.0	0.9	<0.5	<0.5	---
WJ-37A	04/24/06	2.1	<0.5	<0.5	<0.5	<0.5	<1.0	1.4	<0.5	<0.5	---
WJ-37A	02/02/07	0.97	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
WJ-37A	12/19/08	22	6.4	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-37A	02/20/09	42	6.4	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-37A	03/20/09	25	9.3	<0.5	<0.5	0.6	<1.0	<2.0	<0.5	<0.5	---
WJ-37A	04/21/09	23	6.4	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-37A	05/20/09	17	3.7	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-37A	02/23/10	20	0.7	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-37A	05/12/10	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-37A	08/19/10	22	0.9	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-37A	11/17/10	25	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	02/09/11	20	1.1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	04/13/11	26	1.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	07/19/11	31	1.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	10/18/11	22	1.1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	02/09/12	31	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	05/31/12	28	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	08/15/12	27	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	10/23/12	23	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	01/09/13	23	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	03/11/13	20	0.8	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
WJ-37A	07/10/13	19	1.2	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
WJ-37A	10/16/13	25	1.1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	01/23/14	23	0.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	03/03/14	19	0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	07/02/14	16	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	09/17/14	17	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	12/17/14	19	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	03/26/15	16	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	07/13/15	14	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	10/15/15	16	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-37A	03/30/16	13	1.1	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
WJ-37A	**04/26/16**	**11**	**1.0**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
WJ-41	06/15/88	<1.0	<1.0	---	---	---	---	---	---	---	---
WJ-41	09/13/88	<1.0	<1.0	---	---	---	---	---	---	---	---
WJ-41	11/30/88	<0.5	<0.5	---	---	---	---	---	---	---	---
WJ-41	06/21/89	---	<0.5	---	---	---	---	---	---	---	---
WJ-41	12/11/90	---	<0.5	---	<0.5	---	<0.5	---	<0.5	<0.5	---
WJ-41	03/12/91	---	<0.5	---	---	---	---	---	---	---	---
WJ-41	05/14/91	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-41	06/26/91	---	<0.5	---	<0.5	<0.5	<0.5	---	<0.5	<0.5	---
WJ-41	12/09/91	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-41	03/03/92	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-41	09/15/92	---	<0.5	ND	ND	<0.5	ND	---	ND	ND	---
WJ-41	06/14/94	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-41	06/07/95	---	0.8	ND	ND	<0.5	ND	ND	ND	ND	---
WJ-41	06/13/96	<0.5	4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-41	09/25/96	---	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-41	12/17/96	---	0.8	---	---	<0.5	---	---	---	---	---
WJ-41	06/26/97	---	3.3	---	---	<0.5	---	---	---	---	---
WJ-41	12/15/97	1.8	11	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
WJ-41	03/12/98	1.2	6.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-41	06/22/98	0.9	4.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-41	12/14/98	---	7.2	---	---	<0.5	---	---	---	---	---
WJ-41	03/17/99	1.3	7.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-41	03/17/99	1.1	6.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-41	06/01/99	1.6	8.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
WJ-41	06/01/99	1.7	9.1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
WJ-41	10/15/99	2.09	9.72	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-41	10/15/99	2.16	9.54	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-41	12/18/99	4.1	18.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---

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Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
WJ-41	03/08/00	1.31	6.84	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-41	03/08/00	1.36	6.56	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-41	05/05/00	1.82	9.24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-41	06/14/00	3	15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-41	07/21/00	1.64	7.81	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-41	09/28/00	3.4	16.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-41	10/26/00	4.1	20.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---
WJ-41	11/28/00	2.8	13.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	---
WJ-41	12/15/00	3.43	17	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-41	12/15/00	3.37	17	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-41	01/17/01	4.37	22.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-41	02/09/01	2.79	21.6	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-41	04/30/01	4.23	13.2	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-41	05/15/01	2.43	17.4	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-41	06/12/01	0.89	4.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	07/31/01	2.2	12	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-41	07/31/01	2.4	13	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-41	08/30/01	2.8	6.2	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-41	09/20/01	2.4	12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	10/25/01	2.4	12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	11/21/01	2.8	14	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	01/31/02	5	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	01/31/02	5	1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	03/27/02	<0.50	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	05/10/02	1.9	12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	07/02/02	0.54	2.2	<0.10	<0.50	<0.50	<0.50	<1.0	<0.40	<0.50	---
WJ-41	09/24/02	0.56	2.3	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	11/24/02	0.79	2.7	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	12/26/02	0.65	2.3	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	01/31/03	1.4	7.4	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	01/31/03	1.4	7.4	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	05/13/03	2	11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-41	08/14/03	4.8	33	<0.10	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	---
WJ-41	11/19/03	3.9	21	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	11/19/03	2.8	15	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	11/19/03	2.7	15	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	<0.50
WJ-41	12/30/03	2.9	14	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	12/30/03	1.2	2.8	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	12/30/03	0.99	2.6	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	01/28/04	1.1	4.9	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	01/28/04	0.94	3.2	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	01/28/04	0.84	2.9	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	01/28/04	0.96	3.4	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	01/28/04	0.6	2.4	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	02/25/04	1.4	9.6	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	02/25/04	0.8	2.4	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	02/25/04	0.7	2.2	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	02/25/04	0.59	2.3	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	03/25/04	1.7	14	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	03/25/04	0.53	2	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	03/25/04	0.61	2.2	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	03/25/04	0.52	1.9	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	05/11/04	3	14	<0.10	<0.20	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	08/03/04	2.8	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	08/03/04	2.6	17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	11/02/04	4.5	19	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5	---
WJ-41	11/02/04	3.9	22	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-41	02/10/05	3.6	19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	05/03/05	3.1	16	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	05/03/05	2.6	16	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	08/05/05	2.9	19	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	08/05/05	3	18	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	11/18/05	1.1	14	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-41	11/18/05	0.9	13	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-41	02/06/06	1.5	11	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-41	02/06/06	1.6	12	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---

Table 2
Results of Laboratory Analyses for Selected Purgeable Halocarbons
Watkins-Johnson Superfund Site
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Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
WJ-41	04/24/06	2.3	14	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-41	08/03/06	3.2	17	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-41	08/03/06	3.4	17	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-41	11/03/06	3.2	16	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-41	02/02/07	4	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
WJ-41/Dup 1	02/02/07	3.7	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
WJ-41	05/01/07	1.4	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-41	08/15/07	3.7	18	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50
WJ-41	11/13/07	3.5	14	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	---
WJ-41/Dup 1	11/13/07	3.5	14	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	---
WJ-41	02/12/08	3.0	12	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
WJ-41/Dup 1	02/12/08	3.3	12	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
WJ-41	05/13/08	2.5	11	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
WJ-41/Dup 1	05/13/08	2.7	12	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
WJ-41	08/05/08	2.7	10	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
WJ-41/Dup 1	08/05/08	2.4	11	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
WJ-41	12/19/08	<0.5	5.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41/Dup 1	12/19/08	0.5	5.9	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41	02/20/09	1.1	5.6	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
WJ-41/Dup 1	02/20/09	1.2	5.8	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
WJ-41	03/20/09	0.7	6.4	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41/Dup 1	03/20/09	0.7	6.4	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41	04/21/09	1.5	8.2	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41/Dup 1	04/21/09	1.4	8.2	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41	05/20/09	1.3	8.7	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41/Dup 1	05/20/09	1.3	8.8	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41	08/06/09	1.7	6.9	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41/Dup 1	08/06/09	1.8	7	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41	10/20/09	0.7	1.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	10/20/09	0.6	1.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	02/23/10	0.8	2.1	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41	05/12/10	2.0	8.9	<0.5	<0.5	<0.5	<0.5	<5.1	<0.5	<0.5	---
WJ-41	08/19/10	2.8	9.8	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41/Dup 1	08/19/10	3.2	11	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-41	11/17/10	2.1	6.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	11/17/10	2.4	6.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	02/09/11	1.6	6.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	02/09/11	1.6	6.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	04/13/11	0.7	2.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	04/13/11	0.8	2.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	07/19/11	2.0	5.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	10/18/11	1.4	3.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	10/18/11	1.6	3.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	02/09/12	1.8	3.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	02/09/12	1.7	3.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	05/31/12	1.9	4.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	05/31/12	1.9	4.4	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	08/15/12	1.2	3.1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	08/15/12	1.2	3.1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	10/23/12	0.9	1.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	10/23/12	0.9	1.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	01/09/13	1.4	3.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	01/09/13	1.4	3.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	03/11/13	0.7	1.8	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	03/11/13	0.7	1.8	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
WJ-41	07/10/13	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	07/10/13	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
WJ-41	10/10/13	0.7	2.1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	10/10/13	0.9	2.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	01/23/14	0.6	0.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	01/23/14	0.6	0.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	03/13/14	0.7	2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	03/13/14	0.7	1.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	07/01/14	0.7	1.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	07/01/14	0.6	1.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	09/17/14	0.6	1.1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5

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Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
WJ-41/Dup 1	09/17/14	0.5	1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	12/17/14	0.9	2.3	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	12/17/14	0.9	2.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	03/26/15	1.1	2.1	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	03/26/15	1	2.2	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	--
WJ-41	07/13/15	0.9	1.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	07/13/15	1	1.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	10/15/15	0.8	1.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	10/15/15	0.8	1.8	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-41	03/30/16	0.6	0.8	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
WJ-41/Dup 1	03/30/16	0.6	0.8	<0.5	<0.5	<0.5	<0.5	<2.0	0.5	<0.5	<0.5
WJ-41	**04/26/16**	**<0.5**	**1.4**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
WJ-41/Dup 1	**04/26/16**	**<0.5**	**1.3**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
WJ-43	06/14/88	<1.0	<1.0	---	---	---	---	---	---	---	---
WJ-43	09/14/88	<1.0	<1.0	---	---	---	---	---	---	---	---
WJ-43	09/14/88	<1.0	<1.0	---	---	---	---	---	---	---	---
WJ-43	03/29/89	---	<0.12	<0.13	---	---	<0.5	<0.5	<0.03	<0.02	---
WJ-43	06/22/89	---	<0.5	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	---
WJ-43	06/22/89	<0.5	<0.5	---	---	---	---	---	---	---	---
WJ-43	09/21/89	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-43	12/13/89	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-43	03/20/90	---	<0.5	---	<0.5	<0.5	---	---	---	<0.5	---
WJ-43	12/11/90	---	<0.5	---	<0.5	<0.5	<0.5	---	<0.5	<0.5	---
WJ-43	03/12/91	---	<0.5	---	---	---	---	---	---	---	---
WJ-43	06/25/91	---	<0.5	---	<0.5	<1.0	<0.5	---	<0.5	<0.5	---
WJ-43	12/09/91	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-43	06/16/92	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-43	12/08/92	---	<0.5	ND	ND	<0.5	ND	---	ND	ND	---
WJ-43	06/15/93	---	<0.5	ND	---	<0.5	ND	ND	ND	0.59	---
WJ-43	06/14/94	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-43	06/06/95	---	<0.5	ND	ND	<0.5	ND	ND	ND	ND	---
WJ-43	06/10/96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-43	06/24/97	---	<0.5	---	---	<0.5	---	---	---	---	---
WJ-43	06/23/98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-43	06/02/99	2.70	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
WJ-43	06/19/00	5.90	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-43	06/07/01	8.00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-43	05/09/02	4.90	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-43	06/26/02	9.80	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	01/31/03	6.00	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	05/13/03	5.90	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-43	05/13/03	5.80	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-43	08/14/03	5.40	<0.5	<0.10	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	---
WJ-43	11/19/03	5.30	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	11/19/03	4.70	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	12/30/03	4.60	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	12/30/03	5.90	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	01/28/04	6.10	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	01/28/04	7.10	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	01/28/04	7.00	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	01/28/04	5.20	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	02/25/04	8.80	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	02/25/04	7.80	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	02/25/04	6.10	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	03/25/04	8.90	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	03/25/04	8.90	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	03/25/04	9.20	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	05/11/04	10.00	<0.50	<0.10	<0.20	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	08/03/04	13.00	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-43	11/02/04	8.60	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-43	02/10/05	17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-43	05/03/05	25	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	08/05/05	29	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	11/18/05	23	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-43	02/06/06	21	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-43	04/24/06	34	0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---

Table 2
Results of Laboratory Analyses for Selected Purgeable Halocarbons
Watkins-Johnson Superfund Site
Scotts Valley, California
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Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
WJ-43	04/24/06	33	0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-43	08/03/06	46	0.6	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-43	11/03/06	31	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
WJ-43	02/02/07	25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
WJ-43	05/01/07	28	0.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-43/Dup	05/01/07	31	0.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
WJ-43	08/15/07	45	1.0	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50
WJ-43/Dup	08/15/07	44	0.8	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50
WJ-43	11/13/07	24	<0.5	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	---
WJ-43	02/12/08	20	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
WJ-43	05/13/08	30	0.6	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
WJ-43	08/05/08	35	0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
WJ-43	12/19/08	17	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-43	02/20/09	21	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-43	03/20/09	12	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-43	04/21/09	11	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-43	05/20/09	12	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-43	08/06/09	13	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-43	10/20/09	18	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	02/23/10	20	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	---
WJ-43	05/12/10	30	0.6	<0.5	<0.5	<0.5	<1.1	<2.0	<0.5	<0.5	---
WJ-43	08/19/10	36	0.5	<0.5	<0.5	<0.5	<1.1	<2.0	<0.5	<0.5	---
WJ-43	11/17/10	34	0.6	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	02/09/11	31	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	04/13/11	27	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	07/19/11	30	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	10/18/11	23	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	02/09/12	52	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	05/31/12	36	0.9	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	08/15/12	31	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	10/23/12	24	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	01/09/13	27	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	03/11/13	34	0.8	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
WJ-43	07/10/13	31	0.7	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
WJ-43	10/16/13	27	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	01/23/14	20	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	03/13/14	17	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	07/03/14	17	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	09/17/14	15	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	12/17/14	19	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	03/26/15	18	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	07/13/15	15	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	10/15/15	19	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
WJ-43	03/30/16	16	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
WJ-43	**04/26/16**	**16**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
WJ-48	06/14/96	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	3.7	<0.5	<0.5	---
WJ-48	06/02/99	<0.5	2.7	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
WJ-48	12/18/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-48	06/15/00	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	3.7	<0.5	<0.5	---
WJ-48	12/14/00	<0.500	0.724	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
WJ-48	06/07/01	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-48	01/31/02	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-48	06/27/02	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	1.5	<0.40	<0.50	---
WJ-48	06/27/02	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	1.3	<0.40	<0.50	---
WJ-48	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.78	<0.50	<0.50	<0.50
WJ-48	02/23/10	<0.50	<0.50	<0.90	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
WJ-49	06/18/96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-49	06/02/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
WJ-49	06/19/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
WJ-49	06/08/01	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
WJ-49	07/01/02	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
WJ-49	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SUPPLY WELL	03/30/89	<0.03	0.61	---	---	---	---	---	---	---	---
SUPPLY WELL	06/28/89	<0.5	29	---	---	---	---	---	---	---	---
SUPPLY WELL	09/20/89	<0.5	<0.5	---	---	---	---	---	---	---	---

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Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
SUPPLY WELL	02/06/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
SUPPLY WELL	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
SUPPLY WELL	02/23/10	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
AP-3N	06/12/96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
AP-3N	06/26/97	---	<0.5	---	---	---	---	---	---	---	---
AP-3N	03/12/98	<0.5	<0.5	---	---	---	---	---	---	---	---
AP-3N	06/22/98	<0.5	<0.5	---	---	---	---	---	---	---	---
AP-3N	03/17/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
AP-3N	06/01/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
AP-3N	10/15/99	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
AP-3N	12/18/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
AP-3N	03/08/00	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
AP-3N	06/13/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
AP-3N	09/28/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
AP-3N	12/15/00	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
AP-3N	04/30/01	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
AP-3N	06/11/01	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
AP-3N	09/20/01	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
AP-3N	01/31/02	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
AP-3N	05/09/02	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
AP-3N	07/02/02	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
AP-3N	09/26/02	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
AP-3N	04/24/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
AP-3N	02/02/07	<0.50	1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
BC-6	05/11/04	<0.50	<0.50	<0.10	<0.20	<0.50	<0.50	<0.50	<0.40	<0.50	---
BC-6	08/19/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
BC-6	11/02/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
BC-6	02/10/05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
BC-6	05/03/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
BC-6	08/05/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
BC-6	11/18/05	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BC-6	02/06/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BC-6	04/24/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BC-6	08/03/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BC-6	11/03/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BC-6	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
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BC-7	05/11/04	<0.50	<0.50	<0.10	<0.20	<0.50	<0.50	<0.50	<0.40	<0.50	---
BC-7	08/19/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
BC-7	11/02/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
BC-7	02/10/05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
BC-7	05/03/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
BC-7	08/05/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
BC-7	11/18/05	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BC-7	02/06/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BC-7	04/24/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BC-7	08/03/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BC-7	11/03/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BC-7	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
BCDP	05/11/04	<0.50	<0.50	<0.10	<0.20	<0.50	<0.50	<0.50	<0.40	<0.50	---
BCDP	08/19/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
BCDP	11/02/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
BCDP	02/10/05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
BCDP	05/03/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
BCDP	08/05/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
BCDP	11/18/05	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BCDP	02/06/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BCDP	04/24/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BCDP	08/03/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BCDP	11/03/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
BCDP	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
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OB-1	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
OB-1	02/23/10	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
OB-2	02/23/10	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
OB-3	06/15/96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---

Table 2
Results of Laboratory Analyses for Selected Purgeable Halocarbons
Watkins-Johnson Superfund Site
Scotts Valley, California
USEPA Second Quarter 2016 Monitoring Report

Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
OB-3	06/02/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
OB-3	06/16/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
OB-3	06/08/01	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	---
OB-3	07/03/02	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
OB-3	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
RA-1	12/19/08	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-1	02/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-1	03/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-1	04/21/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-1	05/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-2	12/19/08[1]	---	---	---	---	---	---	---	---	---	---
RA-2	02/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	2.9	<0.50	<0.50	---
RA-2	03/20/09	<0.50	4.2	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-2	04/21/09	0.5	4.4	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-2	05/20/09	0.5	<0.50	<0.50	<0.50	<0.50	<1.0	4.7	<0.50	<0.50	---
RA-3	12/19/08	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-3	02/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-3	03/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-3	04/21/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-3	05/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-4	12/19/08	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-4	02/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-4	03/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-4	04/21/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
RA-4	05/20/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
SVWD-9	05/13/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	---
SVWD-9M	05/13/08	6.3	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	---
Field Blank	05/09/02	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
Field Blank	09/24/02	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Field Blank	11/19/03	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Field Blank	12/30/03	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Field Blank	01/28/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Field Blank	02/25/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Field Blank	03/25/04	<0.50	<0.50	<0.10	<0.50	<0.50	0.52	<0.50	<0.40	<0.50	---
Field Blank	05/11/04	<0.50	<0.50	<0.10	<0.20	<0.50	0.59	<0.50	<0.40	<0.50	---
Field Blank	08/05/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
Field Blank	11/13/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	---
Trip Blank	06/11/96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
Trip Blank	09/28/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
Trip Blank	12/14/00	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	---
Trip Blank	03/27/02	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
Trip Blank	07/03/02	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Trip Blank	11/19/03	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Trip Blank	12/30/03	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Trip Blank	01/28/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Trip Blank	02/25/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Trip Blank	03/25/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Trip Blank	05/11/04	<0.50	<0.50	<0.10	<0.20	<0.50	0.57	<0.50	<0.40	<0.50	---
Trip Blank	08/03/04	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
Trip Blank	08/19/04	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.40	<0.50	---
Trip Blank	02/10/05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
Trip Blank	05/03/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
Trip Blank	08/05/05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	---
Trip Blank	11/18/05	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
Trip Blank	02/06/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
Trip Blank	04/24/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
Trip Blank	08/03/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
Trip Blank	11/03/06	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---
Trip Blank	02/02/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
Trip Blank	05/01/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	---
Trip Blank	08/15/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50
Trip Blank	11/13/07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	---
Trip Blank	02/12/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	---

Table 2
Results of Laboratory Analyses for Selected Purgeable Halocarbons

Watkins-Johnson Superfund Site

Scotts Valley, California

USEPA Second Quarter 2016 Monitoring Report

Regional Monitoring Well	Sample Date	PCE µg/L	TCE µg/L	1,1-DCE µg/L	1,1-DCA µg/L	cis-1,2-DCE µg/L	CFM µg/L	Freon 113 µg/L	1,1,1-TCA µg/L	1,1,2-TCA µg/L	MTBE µg/L
Treatment Standard		**5**	**5**	**6**	**5**	**6**	**100**	**---**	**200**	**32**	**---**
Trip Blank	05/13/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	---
Trip Blank	08/06/09	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
Trip Blank	10/20/09	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	02/23/10	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
Trip Blank	08/19/10	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
Trip Blank	11/17/10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	02/09/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	04/13/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	07/19/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	10/18/11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	02/09/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	08/15/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	10/23/12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	01/09/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	03/11/13	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<2.0	<0.5	<0.5	<0.5
Trip Blank	07/10/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5
Trip Blank	10/10/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	10/16/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	01/23/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	03/13/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	07/01/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	09/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	12/17/14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	03/26/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	07/13/15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
Trip Blank	03/30/16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5
Trip Blank	**04/26/16**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<2.0**	**<0.5**	**<0.5**	**<0.5**
PDB Blank	08/19/10	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	---
PDB Blank	11/17/10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5

Notes:

1 RA-2 sample collected from TS-IN of the GWETS for the December 19, 2008 event. Refer to Table 3 for GWETS analytical results.

2 WJ-37 sample from October 20, 2009 was a pre-purging grab sample as the well contained only 5 to 6 inches of water and did not recharge following purging.

3 Wescosa Well is located located on an adjacent property and owned by a separate party. The sample is collected from a spigot.

4 Wells are sampled using PDB bags. MTBE results from KV-2 at 190 and 200 feet, KV-3 at 182 feet, KV-6 at 133 feet, KV-7 at 125 and 136 feet, KV-8 at 185 and 195 feet, KV-9 at 148 and EX-1 at 145 feet bgs are from PDBs. All other MTBE results are from grab MTBE groundwater samples collected using a bailer after PDB samples are collected.

5 Selected analytes presented on table are site specific COCs. A full list of VOC analytes and sample results are presented in the laboratory reports.

Analyses performed by Sequoia Analytical, Morgan Hill, California prior to 5-3-05.
Beginning 5-3-05, analyses performed by Curtis & Tompkins Ltd., Berkeley, California.

February 2, 2007 analyses performed by BC Laboratories, Inc. in Bakersfield, California.

Selected purgeable halocarbons analyzed by United States Environmental Protection Agency (USEPA) Method 8260B.

PCE	tetrachloroethene
TCE	trichloroethene
1,1-DCE	1,1-dichloroethene
1,1-DCA	1,1-dichloroethane
cis-1,2-DCE	cis-1,2-dichloroethene
CFM	chloroform
1,1,1-TCA	1,1,1-trichloroethane
1,1,2-TCA	1,1,2-trichloroethane
MTBE	methyl tertiary-butyl ether
µg/L	micrograms per liter
NA	not analyzed
PDB	passive diffusion bag
VOCs	Volatile Organic Compounds
COCs	Chemicals of Concern
<	Symbol indicates not detected at or above laboratory detection limit as noted.
---	data not available
J	Laboratory qualifier = estimated value.
bgs	below ground surface

Dup	Duplicate sample.
a	sample collected from PDB set at 198 feet btoc
b	sample collected from PDB set at 183.5 feet btoc
c	sample collected from PDB set at 191 feet btoc
d	sample collected from PDB set at 166 feet btoc
e	sample collected from PDB set at 130 feet btoc
f	sample collected from PDB set at 148 feet btoc

Table 3
Results of Laboratory Analyses for Volatile Organic Compounds in the Treatment System Samples

Watkins-Johnson Superfund Site

Scotts Valley, California

USEPA Second Quarter 2016 Monitoring Report

Sample Identification	Sampling Location	Date Sampled	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Vinyl Cloride	Freon 113 (µg/L)	1,1,1-TCA (µg/L)	Chromium (µg/L)	Hexavalent Chromium (µg/L)	Nickel (µg/L)
Permit Limits for Effluent Water			**0.8**	**2.7**	**6**	**10**	**0.5**		**200**	**50**	**10**	**52**
TS-IN	**Treatment System Influent Water**	03/20/16	**4.1**	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<5.0	**3.4**	<5.0
		04/26/16	**3.8**	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<5.0	**3.2**	<5.0
		05/27/16	**2.7**	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	**3.8**	**2.6**	**3.0**
TS-MID	**Water Between LPGAC Vessels**	03/20/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	**3.6**	<0.50
		04/26/16	<0.05	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<5.0	**3.6**	<5.0
		05/27/16	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	**4.7**	**3.4**	**1.7**
TS-OUT	**Treatment System Effluent Water**	03/20/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
		04/26/16	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<5.0	<0.50	<5.0
		05/27/16	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	**3.2**	<0.50	**1.6**

Notes:

Detected values shown in bold.
Analysis performed using United States Environmental Protection Agency (USEPA) Method 8260B.
Analyses performed by Curtis & Tompkins Ltd., Berkeley, California.
--- Not Analyzed.

TS-IN	Treatment System Influent Water		
TS-MID	Water between LPGAC vessels	LPGAC	Liquid phase granular activated carbon
TS-OUT	Treatment System Effluent Water	PCE	Tetrachloroethene
1,1,1-TCA	1,1,1-Trichloroethane	TCE	Trichloroethene
MTBE	methyl tertiary butyl ether	µg/L	Micrograms per liter
cis-1,2-DCE	cis-1,2-Dichloroethene	<	Symbol indicates not detected at or above the laboratory reporting limit as noted.

Table 4
Summary of Groundwater Extraction, Usage, and Discharge to Bean Creek

Watkins-Johnson Superfund Site

Scotts Valley, California

USEPA Second Quarter 2016 Monitoring Report

Month	Notes	Groundwater Extracted (gallons)	Treated Water Reused by Facility[1] (gallons)	Treated Water Discharged to Bean Creek (gallons)	Perched Zone Infiltration[2]
Second Quarter 2016 Total					
Mar-16	3	1,875,910	0	1,875,910	0
Apr-16	3	1,759,790	0	1,759,790	0
May-16	3	1,791,293	0	1,791,293	0
Second Quarter 2016 Total		**5,426,993**	**0**	**5,426,993**	**0**

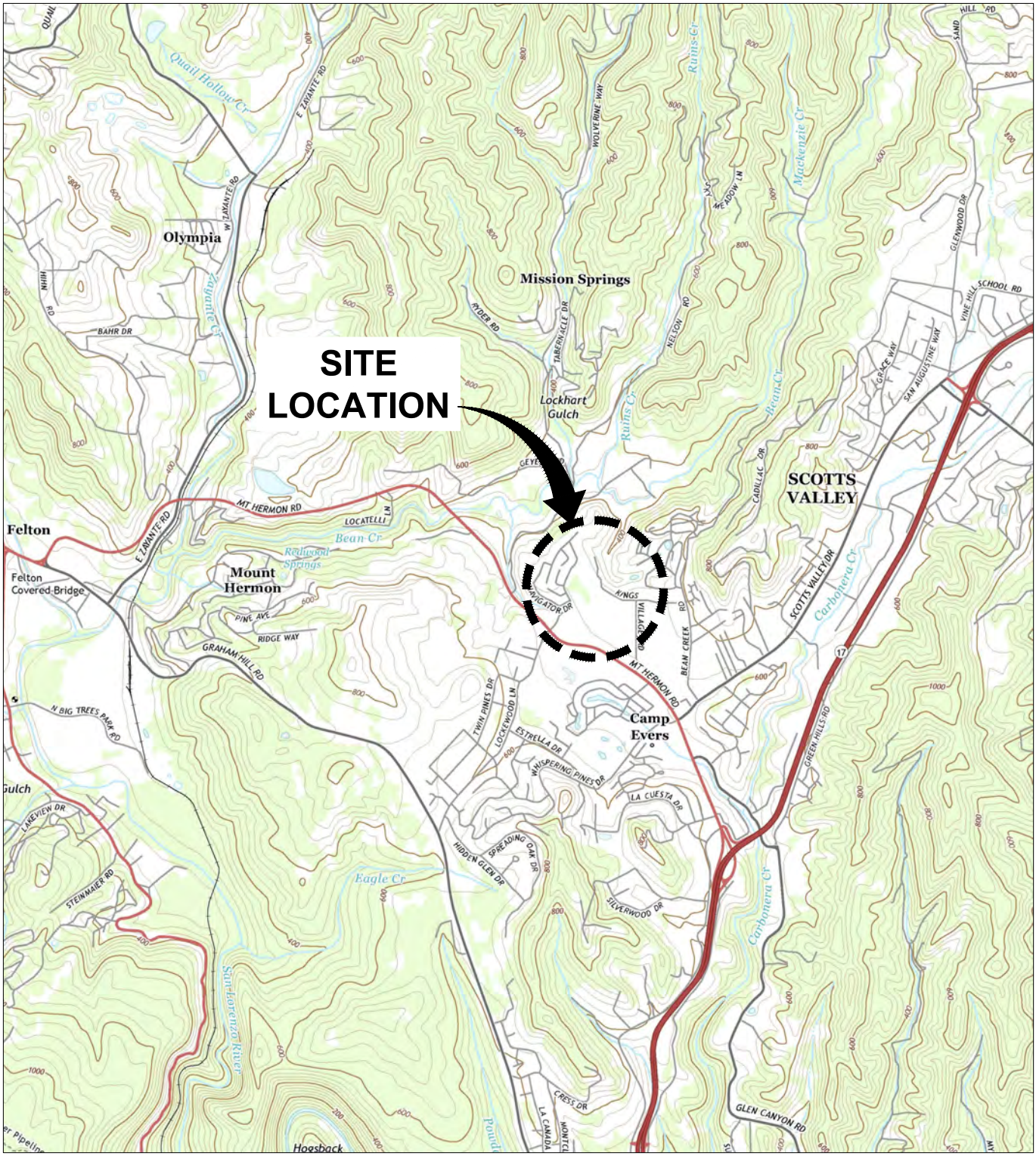
Notes:

1 Following December 2008 system shutdown, facility no longer reuses treated water.

2 The groundwater infiltration system has been shut off since May 2000.

3 Total monthly volumes were estimated based on average daily flow rates between site visits on March 30, April 26, and May 27, 2016.

Figures



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., FELTON, CALIFORNIA, 2015.

0 3000' 6000'

Approximate Scale: 1 inch = 3000 feet

FORMER WATKINS-JOHNSON COMPANY SITE
440 KINGS VILLAGE ROAD
SCOTTS VALLEY, CALIFORNIA
USEPA SECOND QUARTER 2016 MONITORING REPORT

SITE LOCATION MAP

ARCADIS Design & Consultancy for natural and built assets

FIGURE
1

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
X:\ENVCAD\San Rafael\ACT\RC000463\0112\NA015\2Q16\DWG\RC463N01.dwg LAYOUT: 1 SAVED: 6/30/2016 1:49 PM ACADVER: 19.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/30/2016 1:50 PM BY: ROBITAILLE, BEVERLY
XREFS: IMAGES: Felton 2015.jpg PROJECTNAME: --

CITY: SAN RAFAEL, CA (PETALUMA) DIV/GROUP: ENVCAD DB: M. WASILEWSKI D. AKENS, J. HARRIS
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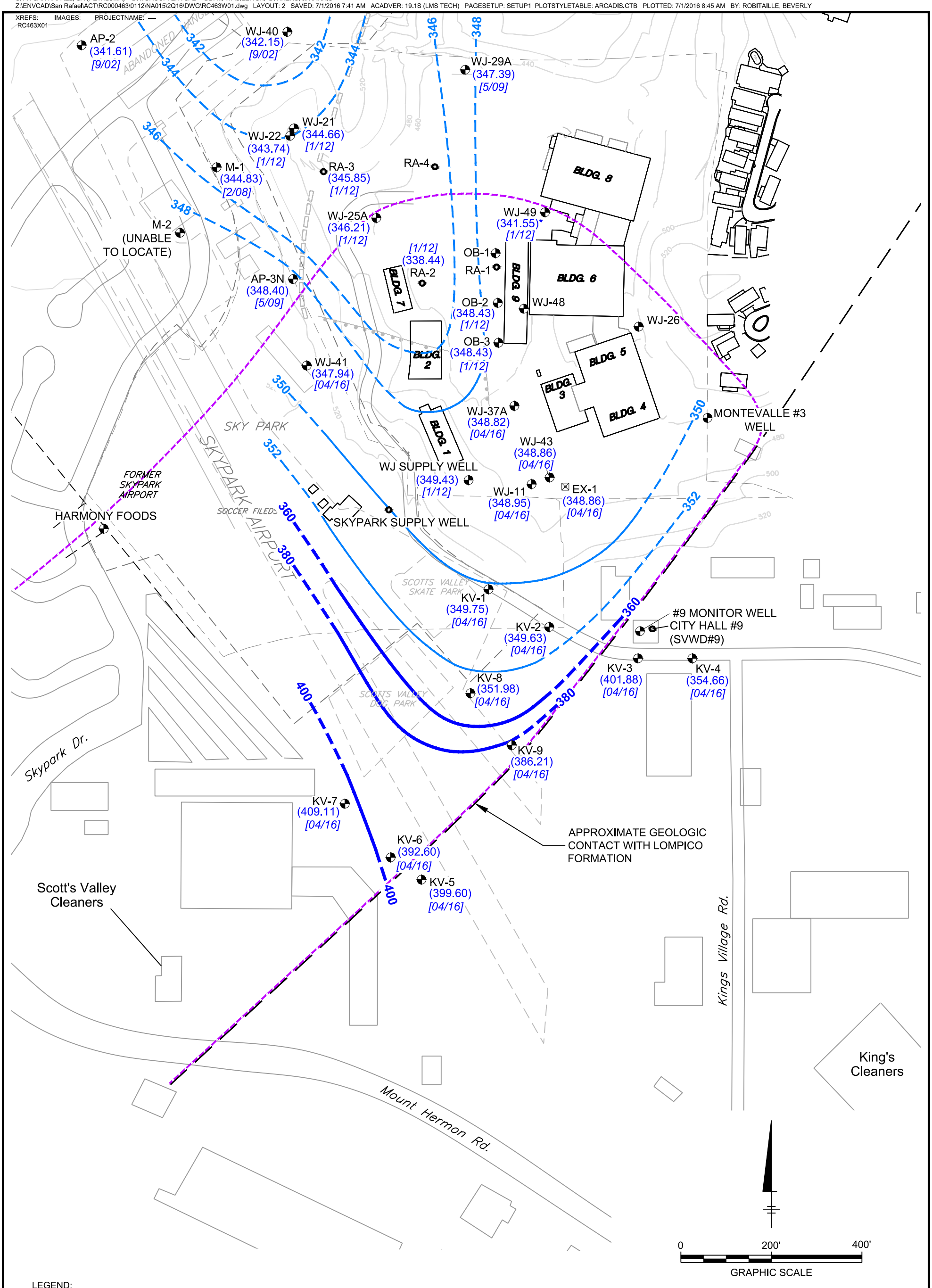
XREFS: RC463X01 IMAGES: PROJECTNAME: --



LEGEND:

KV-1/WJ-43	REGIONAL ZONE MONITORING WELL
EX-1	ONSITE EXTRACTION WELL
RA-2	EXTRACTION WELL
	PARCEL BOUNDARY
	EXTRACTION WELL RA-2 CAPTURE ZONE
(350.88)	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (FT AMSL)
[10/15]	DATE OF MOST RECENT GROUNDWATER ELEVATION (FT AMSL)
	GROUNDWATER ELEVATION CONTOUR WITH 2-FOOT INCREMENTS
	GROUNDWATER ELEVATION CONTOUR WITH 20-FOOT INCREMENTS
*	NOT USED IN CONTOURING

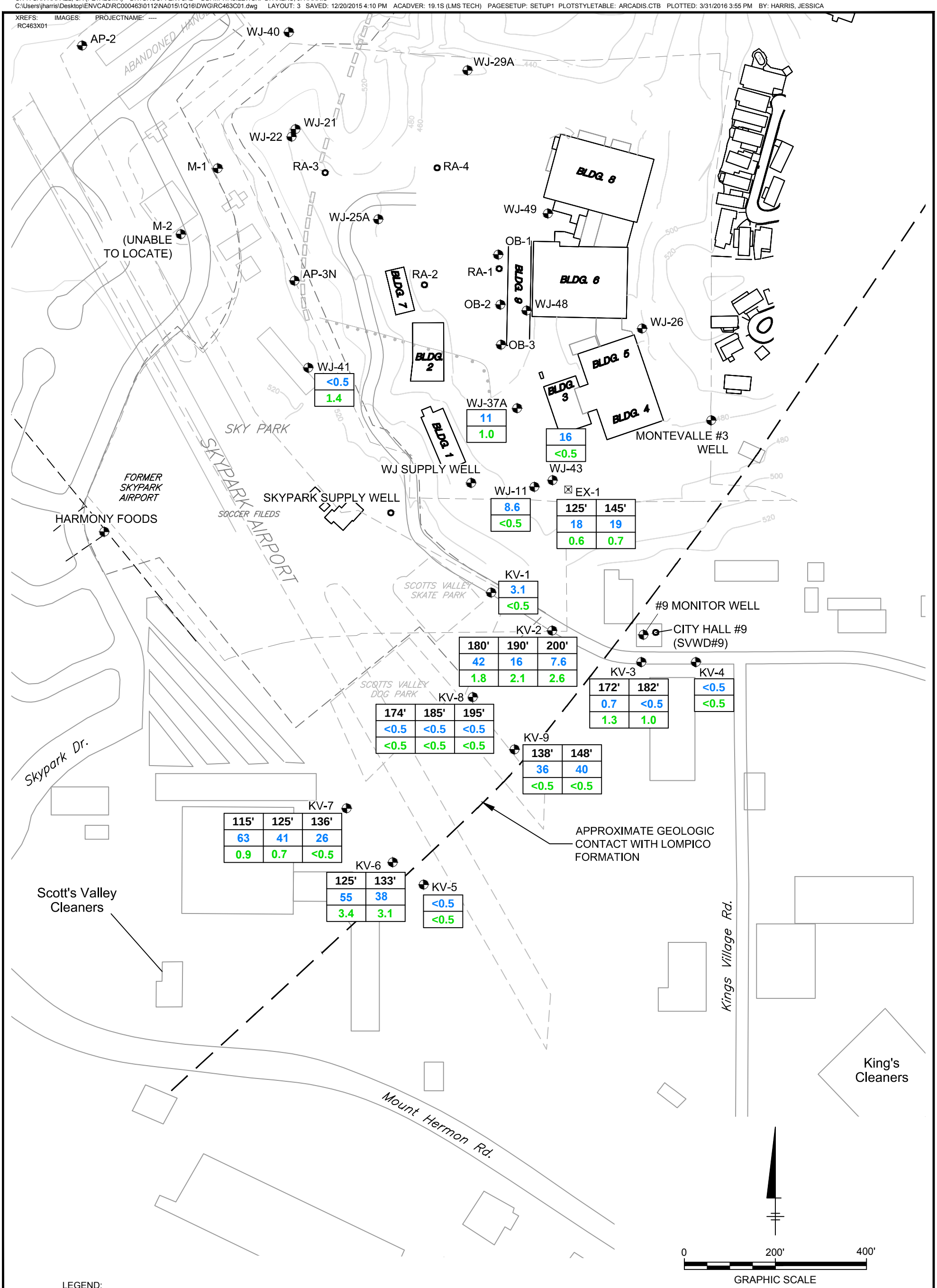
FORMER WATKINS-JOHNSON COMPANY SITE
440 KINGS VILLAGE ROAD
SCOTTS VALLEY, CALIFORNIA
USEPA SECOND QUARTER 2016 MONITORING REPORT

GROUNDWATER ELEVATION CONTOUR MAP - APRIL 2016 SANTA MARGARITA FORMATION

ARCADIS Design & Consultancy for natural and built assets

FIGURE
2

CITY: SAN RAFAEL, CA (PETALUMA) DIV/GROUP: ENVCAD DB: M. WASILEWSKI D. AKENS, J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\RC000463\0112\NA015\1Q16\DWG\RC463C01.dwg LAYOUT: 3 SAVED: 12/20/2015 4:10 PM ACADVER: 19.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 3/31/2016 3:55 PM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: ----
RC463X01



LEGEND:

KV-1/WJ-43	REGIONAL ZONE MONITORING WELL
EX-1	ONSITE EXTRACTION WELL
RA-2	EXTRACTION WELL
— — —	PARCEL BOUNDARY

125'	133'	DEPTH OF PDB PLACEMENT (FT BGS); (WHERE APPLICABLE)
64	65	PCE CONCENTRATION (µg/L)
3.6	3.6	TCE CONCENTRATION (µg/L)

PCE	TETRACHLOROETHENE
TCE	TRICHLOROETHENE
µg/L	MICROGRAMS PER LITER
PDB	PASSIVE DIFFUSION BAG
FT BGS	FEET BELOW GROUND SURFACE
<	NOT DETECTED ABOVE LABORATORY REPORTING LIMIT SHOWN

FORMER WATKINS-JOHNSON COMPANY SITE
440 KINGS VILLAGE ROAD
SCOTTS VALLEY, CALIFORNIA

USEPA SECOND QUARTER 2016 MONITORING REPORT

GROUNDWATER ANALYTICAL RESULTS PCE AND TCE (APRIL 2016)

ARCADIS Design & Consultancy for natural and built assets

FIGURE
3

Appendix A

Data Validation Report

Site: Watkins-Johnson Superfund Site
440 Kings Village Road
Analyzing Lab: Curtis & Tompkins, Ltd.
Reviewer: Dennis Dyke
Date: April 20, 2016
Data Validation Report #: 25361

Sample Delivery Groups (SDGs): 273224, 274589, and 275604
33 Water Samples
Volatile Organic Compounds (VOCs) by SW-846 Method 8260B
Nickel and Chromium by SW-846 Method 6010B
Hexavalent Chromium by SW-846 Method 7199

QA/QC Data Review Summary

I. Introduction

The following water samples were collected and submitted to Curtis & Tompkins, Ltd. Analytical Laboratories in Berkeley, California (C&T) for analysis of the analytes listed in the header using United States Environmental Protection Agency (USEPA) analytical methods.

SDG	Sample ID	Lab ID	Sample Date	Duplicate Location
273224	TS-OUT	273224-001	1/15/2016	
	TS-MID	273224-002	1/15/2016	
	TS-IN	273224-003	1/15/2016	
	TB01152016	273224-004	1/15/2016	
274589	TS-OUT	274589-001	2/26/2016	
	TS-MID	274589-002	2/26/2016	
	TS-IN	274589-003	2/26/2016	
	TB022616	274589-004	2/26/2016	
275604	WESCOSA	275604-001	3/30/2016	
	KV-1	275604-002	3/30/2016	
	KV-2@180	275604-003	3/30/2016	
	KV-2@190	275604-004	3/30/2016	
	KV-2@200	275604-005	3/30/2016	
	DUP2	275604-006	3/30/2016	KV-2@180
	KV-3@172	275604-007	3/30/2016	
	KV-3@182	275604-008	3/30/2016	
	KV-4@185	275604-009	3/30/2016	
	KV-8@174	275604-010	3/30/2016	
	KV-8@185	275604-011	3/30/2016	
	KV-8@195	275604-012	3/30/2016	
	KV-9@138	275604-013	3/30/2016	
	KV-9@148	275604-014	3/30/2016	
	KV-7@115	275604-015	3/30/2016	
	KV-7@125	275604-016	3/30/2016	
	KV-7@136	275604-017	3/30/2016	
	KV-6@125	275604-018	3/30/2016	
	KV-6@133	275604-019	3/30/2016	
	KV-5@126	275604-020	3/30/2016	
	WJ-11	275604-021	3/30/2016	
	EX-01@125	275604-022	3/30/2016	
	EX-01@145	275604-023	3/30/2016	
	WJ-43	275604-024	3/30/2016	
	WJ-37A	275604-025	3/30/2016	
	WJ-41	275604-026	3/31/2016	
	DUP1	275604-027	3/31/2016	WJ-41

This document was prepared in accordance with USEPA documents *Contract Laboratory Program National Functional Guidelines for Organic Data Review* (1999), *National Functional Guidelines for Inorganic Data Review* (2004), and the *Quality Assurance Project Plan (QAPP) for Remedial Design/Remedial Action, Watkins-Johnson Company, Scotts Valley, California,* April 12, 1993.

II. Validity

A. Results are valid for the project purposes, subject to the comments in Section III.

III. Comments

A. Holding Times: The EPA-recommended holding time was met for all sample analyses.

B. Reporting Limits: No dilutions were required; the reporting limits are adequate for assessments.

C. Surrogates: All surrogate recoveries were within the QC acceptance limits.

D. LCS/LCSD/MS/MSD: All analytes associated with the matrix spike/matrix spike duplicate (MS/MSD) and laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses exhibited acceptable recoveries and RPDs except the chromium and nickel recoveries were greater than the upper control limit for the LCS associated with the treatment system samples collected 2/26/2016. Neither chromium nor nickel were detected in the samples; therefore no sample results required qualification.

E. Blanks: Target compounds were detected in the associated QA blanks; however, the associated sample results were greater than the BAL or were non-detect. Therefore, qualification of the sample results was not required.

F. Field Duplicates: The field duplicate samples exhibited relative percent differences (RPDs) within the EPA Region-Nine control limit of 25%.

G. Other: Integration sheets, chromatograms, and reference scans are produced to positively identify compounds reported above quantitation limits for samples designated as laboratory quality control samples. These data were not reviewed, but are retained by the laboratories.

H. Conclusion: Based upon the data review, all associated quality control criteria were met and all data are considered usable as reported. For this batch of samples analyses, the completeness (100%) goal is met.

Site: Watkins-Johnson Superfund Site
440 Kings Village Road
Analyzing Lab: Curtis & Tompkins, Ltd.
Reviewer: Dennis Dyke
Date: June 23, 2016
Data Validation Report #: 25757

Sample Delivery Groups (SDGs): 276401 and 276402
42 Water Samples
Volatile Organic Compounds (VOCs) by SW-846 Method 8260B

QA/QC Data Review Summary

I. Introduction

The following water samples were collected and submitted to Curtis & Tompkins, Ltd. Analytical Laboratories in Berkeley, California (C&T) for analysis of the analytes listed in the header using United States Environmental Protection Agency (USEPA) analytical methods.

SDG	Sample ID	Lab ID	Sample Date	Duplicate Location
276401	WESCOSA	276401-001	4/26/2016	
	KV1@180	276401-002	4/26/2016	
	KV2@180	276401-003	4/26/2016	
	KV2@190	276401-004	4/26/2016	
	KV2@200	276401-005	4/26/2016	
	DUP2	276401-006	4/26/2016	KV2@180
	KV-3@172	276401-007	4/26/2016	
	KV-3@182	276401-008	4/26/2016	
	KV-4@185	276401-009	4/26/2016	
	KV-8@174	276401-010	4/26/2016	
	KV-8@185	276401-011	4/26/2016	
	KV-8@195	276401-012	4/26/2016	
	KV-9@138	276401-013	4/26/2016	
	KV-9@148	276401-014	4/26/2016	
	KV-5@126	276401-015	4/26/2016	
	KV-6@125	276401-016	4/26/2016	
	KV-6@133	276401-017	4/26/2016	
	KV-7@115	276401-018	4/26/2016	
	KV-7@125	276401-019	4/26/2016	
	KV-7@136	276401-020	4/26/2016	
	WJ-11	276401-021	4/26/2016	
	WJ-43	276401-022	4/26/2016	
	WJ-37A	276401-023	4/26/2016	
	EX01@125	276401-024	4/26/2016	
	EX01@145	276401-025	4/26/2016	
	WJ-41	276401-026	4/26/2016	
	DUP1	276401-027	4/26/2016	WJ-41
276402	WESCOSA (GRAB)	276402-001	4/26/2016	
	KV-1 (GRAB)	276402-002	4/26/2016	
	KV-2 (GRAB)	276402-003	4/26/2016	
	KV-3 (GRAB)	276402-004	4/26/2016	
	KV-4 (GRAB)	276402-005	4/26/2016	
	KV-8 (GRAB)	276402-006	4/26/2016	
	KV-9 (GRAB)	276402-007	4/26/2016	
	KV-5 (GRAB)	276402-008	4/26/2016	

SDG	Sample ID	Lab ID	Sample Date	Duplicate Location
276402	KV-6 (GRAB)	276402-009	4/26/2016	
	KV-7 (GRAB)	276402-010	4/26/2016	
	WJ-11 (GRAB)	276402-011	4/26/2016	
	WJ-43 (GRAB)	276402-012	4/26/2016	
	WJ-37A (GRAB)	276402-013	4/26/2016	
	EX-01 (GRAB)	276402-014	4/26/2016	
	WJ-41 (GRAB)	276402-015	4/27/2016	

This document was prepared in accordance with USEPA documents *Contract Laboratory Program National Functional Guidelines for Organic Data Review* (1999) and the *Quality Assurance Project Plan (QAPP) for Remedial Design/Remedial Action, Watkins-Johnson Company, Scotts Valley, California,* April 12, 1993.

II. Validity

A. Results are valid for the project purposes, subject to the comments in Section III.

III. Comments

A. Holding Times: The EPA-recommended holding time was met for all sample analyses.

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C. Surrogates: All surrogate recoveries were within the QC acceptance limits.

D. LCS/LCSD/MS/MSD: All analytes associated with the matrix spike/matrix spike duplicate (MS/MSD) and laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses exhibited acceptable recoveries and RPDs .

E. Blanks: Target compounds were not detected above the MDL in the associated blanks; therefore detected sample results were not associated with blank contamination.

F. Field Duplicates: The field duplicate samples exhibited relative percent differences (RPDs) within the EPA Region Nine control limit of 25%.

G. Other: Integration sheets, chromatograms, and reference scans are produced to positively identify compounds reported above quantitation limits for samples designated as laboratory quality control samples. These data were not reviewed, but are retained by the laboratories.

H. Conclusion: Based upon the data review, all associated quality control criteria were met and all data are considered usable as reported. For this batch of samples analyses, the completeness (100%) goal is met.