THE REYNOLDS GROUP
a California corporation

July 26, 2011
(TRG No. 7115)

Mr. Luis Lodrigueza
ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENTAL HEALTH
1241 E. Dyer Road Suite 120
Santa Ana, CA 92705-5611

SITE: **FULLERTON BUSINESS PARK NORTH (FORMER OCHCA #94IC29) 1551 EAST ORANGETHORPE AVENUE FULLERTON, CALIFORNIA**

SUBJECT: **REQUEST FOR VERIFICATION SAMPLING AND WELL ABANDONMENT**

Dear Mr. Lodrigueza:

Thank you for meeting with us on short notice yesterday. As we explained to you, SVE remediation at the northern building of the Fullerton Business Park North Facility (Site) located at 1551 E. Orangethorpe Avenue, in Fullerton California, has reduced the PCE and TCE concentrations to levels low enough for "commercial" closure consideration. Additionally, we explained that that the Site is undergoing sudden setup and in preparation for a new operation that is expected to begin by August 30, 2011, and will impact future access to most of the remediation extraction/monitoring wells and probes at the Site. Having met with the tenants and our Client, The Reynolds Group (TRG) has prepared this letter to request implementing remediation verification sampling of the shallow soil vapors for closure consideration, and performing immediate well/probe abandonment at the Site.

Background

During removal of two clarifiers at the Site in 1994 by Converse Consultants, concentrations of PCE and other constituents were detected in soil samples. Converse concluded, following further investigation, that PCE impacted soils existed primarily within the top 35 feet of soils in an estimated area of 1,200 square feet. Converse further stated that groundwater beneath the

Site, estimated at 115 ft bgs had not been impacted (Converse 1995). Soil vapor extraction was proposed by Converse to remediate the PCE impacted soils at the Site.

An SVE system operated at the Site from August to November 1995. Confirmation borings performed in December 1995 showed a decrease in PCE concentrations as follows: 99% at 15 ft bgs, 87% at 20 ft bgs, and 84% at 25 ft bgs. Based on those results, Converse recommended no further action at the Site to the Orange County Health Care Agency (OCHCA). In a Case Closure letter dated December 15, 1995, OCHCA confirmed completion of remedial action at the Site.

On April 11, 2005, the Orange County Water District (OCWD) filed a lawsuit naming several Potential Responsible Parties (PRPs), including the subject Site address, for contributing to a regional VOC-impacted groundwater plume in the vicinity of the Site.

Also in 2005, shallow soils at the Former Johnson Controls Battery property adjoining north of the subject Site at 1550 E. Kimberly Avenue, were discovered to be impacted with lead, arsenic, VOCs, and petroleum hydrocarbons (ref. JCI Fullerton Corrective Measures Completion Report, dated May 2007). Subsequent soil vapor extraction, soils excavation, and groundwater monitoring were performed at the Johnson Controls property. The DTSC determined that corrective action had been completed at the property for shallow and deep soils in letters May 22 and September 20, 2007, respectively.

In early 2007, TRG was contracted as the Consultant for the Fullerton Business Park Site. TRG advanced 17 soil vapor probes at the Site in March 2007 and performed an environmental screening on behalf of our Client prior to purchasing the subject Site. PCE and TCE were detected at maximum soil vapor concentrations of 222.2 and 115.2 micrograms per liter (ug/L), respectively, from five ft bgs. The fieldwork and results were detailed in TRG's "Results of Soil Vapor Investigation" report, dated March 19, 2007.

On July 24, 2007, TRG submitted a "Request for Remedial Action Supervision" to the Orange County Health Care Agency (OCHCA) on behalf of our Client for review of the results, for providing proper oversight, and for eventual regulatory closure. TRG met with Luis Lodrigueza of OCHCA on July 24, 2007, to discuss the case and was directed to further assess the soil vapors immediately beneath the concrete slab at the Site.

On July 30, 2007, five additional soil vapor points were sampled. Maximum concentrations of 1,079.4 ug/L PCE and 710.8 ug/L TCE were detected during the investigation. Details of the work were provided in TRG's "Summary of Shallow Soil Vapor Survey and Interior Ceiling Heights" report, dated August 9, 2007. Based on the data, OCHCA determined that health risk at the Site ranges from 5.9E-0.5 to 7.9E-04. These values were considered higher than the allowable risk of one in a million (1.0E-0.6). Based on the July 2007 vapor assessment, OCHCA requested further assessment in the warehouse to further define the lateral extent of chlorinated solvent impact and to provide a basis for remediation action.

In accordance with OCHCA, TRG installed and sampled 12 temporary soil vapor probes (SV23 through SV35), six vapor extraction wells (VEW3 through VEW 6, VEW9, and VEW12), and four passive wells (PMW1 through PMW4) from October 2007 through January 2008. On February 22, 2008, TRG conducted an additional vapor sampling event to determine the effectiveness of the SVE system. TRG collected 14 soil vapor samples from eight temporary soil probes (SV26, SV27, SV29 through SV33 and VEW6). On February 25 and 27, 2008, TRG installed eight additional soil vapor extraction wells (VEW7, VEW8, VEW10, VEW11, and VEW13 through VEW16). The work was detailed in TRG's "Soil Vapor Survey and Additional Vapor Well Installation Report", dated March 14, 2008. Well and probe details are summarized in the attached Table 1 – Well Construction Detail Summary, and analytical results of the soil vapor sampling are provided in the attached Table 2 – Summary of Soil Vapor Survey Sampling Results.

Summary of TRG SVE Remediation

2008

Since January 4, 2008, TRG has performed SVE from 14 doubleltriple-nested Vapor Extraction Wells (YEW) installed at the Site. During 2008, the SVE system consisted of a 300 cfm blower and two 1,000 lbs carbon filters in series. The wells were connected to the SVE system through an above-ground system manifold and the system operated by extracting from a different series of wells on a rotational basis, focusing on "hot zones" to optimize extraction and maintain a good vacuum of influence. After 11 months of soil vapor extraction at the Site, soil vapor PCE and TCE concentrations declined significantly at most locations beneath the Site building to asymptotic conditions. During the 11 month period in 2008, 49.5 lbs of PCE and 6.6 lbs of TCE were removed and treated.

2009

In March, 2009, TRG performed verification sampling at the subject Site to verify that the 11 months of SVE at the Site had successfully removed the PCE and TCE in the subsurface soils to levels low enough for low risk closure consideration. Results of the verification sampling indicated that the SVE remedial efforts reduced PCE and TCE vapor concentrations notably in the shallow soils throughout most of the Site and, to a lesser degree, in soils at the northeastern end of the building, near the adjacent Former Johnson Controls Battery property (Johnson Controls). Johnson Controls is known to have released chlorinated compounds (including PCE and TCE) into the subsurface.

The significant reduction in PCE and TCE in shallow soils suggested that the Site building areas had remediated to low enough concentrations for commercial/industrial use low risk closure consideration and, thus, TRG requested that Orange County Health Care Agency (OCHCA) evaluate results of this investigation for indoor human health risk analysis and case closure.
In TRG's meeting with Luis Lodrigueza of OCHCA on May 11,2009, Mr. Lodrigueza directed additional SVE remediation of shallow soils in the northeastern end of the building (remaining

area of concern), since PCE concentrations in that area remained too high for low risk closure using OCHCA criteria (PCE up to 767 ug/L and TCE up to 107 ug/L). Mr. Lodrigueza stated that the remaining areas appeared acceptable for low risk closure.

On May 13, 2009, with Client approval, TRG restarted the SVE system, targeting the remaining area of eoncern by extracting from wells located in that area (nested well VEW3 at 5, 15, and 25 ft bgs). The SVE system operated through October 2009, and a second verification sampling event was proposed and approved by Mr. Lodrigueza. The second verification sampling event was performed on November 24, 2009, and results were submitted in a report to Mr. Lodrigueza. In an emailedOCHCAresponseonNovember30.2009.Mr. Lodrigueza reported the results of his human health risk evaluation of the second verifieation sampling and concluded that the residual shallow soil vapor results in the subslab locations (SV368 and SV378) remained higher than the OCHCA acceptable risk and hazard levels.

2010

In January 2010, to target the residual PCE area TRG installed two shallow 5 ft vapor extraction wells (VEWI7-5 and VEWI8-5) in the vicinity of sampling location SV368 and SV378, and resumed SVE remediation extracting from the newly installed wells until March 2010. In March 20 I 0, TRG notified Mr. Lodrigueza to perform a third round of verification sampling at the Site as progress of the soil vapor samples collected from the target area were favorable (all "nondetect").

In response Mr. Lodrigueza requested that the third verification sampling event be scheduled at the end of April 2010, and that it include Site-wide (historical remediation area) verification sampling.

On April 27 and 28, 2010, TRG performed the third SVE remediation verification sampling in the presence of Mr. Lodrigueza. Evaluation of the soil vapor results showed that PCE concentrations in the northern building area from the subslab to 25 ft bgs were still above

OCHCA's health risk threshold.

As such, in July 2010, TRG resumed SVE remediation on the northern building area extracting in the area of "high" residual PCE (wells VEW3, VEW17, VEW18) and operated until January 28, 2011. A round of soil vapor sampling performed on October 28, 2010 to determine the progress of the soil vapor extraction work. Results showed some progress in the decrease of soil vapor concentrations as shown on Table 2.

2011

TRG resumed SVE remediation at the Site continuing to target the northern building area from wells VEW3, VEW17, VEW18 on February 23, 2011. The system operated continuously through beginning of April 2011, and then intermittently from April through May 2011. The SVE blower stopped functioning as of June 4th, 2011. To take advantage of the SVE system downtime, TRG performed a round of soil vapor verification sampling on June 16, 2011 (two weeks after the SVE system has been off). Analysis of the soil vapors showed significant decline of PCE and TCE concentrations from the previously remaining "hot" wells. Results of the verification sampling are shown in Table 2, and the attached Jones Environmental Mobile Laboratory Report.

Remediation Summary

Details of the SVE operations and PCE and TCE mass removal calculations are shown in the attached Table 3 – Summary of Operational Soil Vapor Sampling Results, and Table 4 – Summary of Operational Data and Mass Removal. A brief summary of SVE Remediation detail is outlined below:

Date of SVE System Start Up:	January 4, 2008
Total System Running Time Since Start-Up:	17,285.9 hrs
Average Total Flow Rate @ Inlet:	180 cfm
Number of Vapor Extraction Wells:	14 at multiple depths (see Table 1)
Cumulative Pounds of PCE Removed:	107.21 lbs (see Table 4 and Figure 3)
Cumulative Pounds of TCE Removed:	7.55 lbs (see Table 4 and Figure 3)

Event	**Date**	**Months of Operation**	**Maximum Concentrations (ug/L)**	
			PCE	**TCE**
Assessment	2007	N/A	4,200	711
SVE Remediation I	Jan to Nov 2008	11	208	34
Verification Sampling I	Mar 2009	N/A	767	107
SVE Remediation II	May to Oct 2009	6	53	5.4
Verification Sampling II	Nov 2009	N/A	17.1	19.9
SVE Remediation III	Jan to Mar 2010	3	--	--
Verification Sampling III	Apr 2010	N/A	92.3	11.9
SVE Remediation IV	Jul 2010 to Jan 2011	7	24.9	11.9
SVE Remediation V	Feb to Jun 2011	3*	146.3	4.8
Verification Sampling IV*	June 2011	N/A	17.6	3.84

*Operated continuously for one month and intermittently for two months

**Performed without OCHCA supervision

Request to Perform Cleanup Verification Sampling

Based on the June 16, 2011 soil verification sampling results, performed after approximately two weeks of SVE shutdown period, TRG believes that current residual PCE and TCE soil vapor concentrations in the shallow soil at the northern building area has reached levels that will not posed a human health risk for this commercial property, as soil vapor PCE and TCE concentrations from the sampling wells/probes showed decreased levels or levels that have little to no bounce-back in concentrations in wells with previous low concentrations. Therefore, TRG requests to perform a final cleanup verification sampling under OCHCA supervision.

As per our July 25, 2011, conversation with Mr. Lodrigueza, the Site is undergoing setup and in preparation of full manufacturing operation that is expected to begin by August 30, 2011, and will affect access to most of the remediation extraction/monitoring wells and probes at the Site. Thus, TRG proposes to perform the verification sampling as soon as possible to avoid need to install additional verification sampling wells and probes, and to reduce hindering the operations at the Site. The verification sampling timing should be appropriate as the SVE system having been off at the Site for more than one month for soil vapor rebound period.

TRG proposes to perform verification sampling on the northern bulding area, where residual PCE and TCE concentrations were above OCHCA's health risk threshold as per the April 2010 site-wide verification sampling performed under OCHCA's oversight, and where TRG has been targeting SVE remediation since 2009. TRG proposes to perform soil vapor sampling on existing wells and probes as methods performed during previous verification sampling events utilizing mobile laboratory services by Jones Environmental of Fullerton, CA, and following the February 7, 2005, updated DTSC "Interim Final – Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air." TRG proposes to sample the following wells and probes: VEW3-5, VEW3-15, VEW3-25, VEW4-5, VEW4-15, VEW4-25, VEW5-5, VEW6-5, VEW6-15, VEW6-25, VEW17-5, VEW18-5, SV36-SS, SV37-SS, SV42-SS, SV43-SS, SV43-5, SV43-15.

Based on the April 2010 site-wide verification sampling results, OCHCA determined that areas other than the northern building area contained soil vapor concentrations that were below the OCHCA's health risk threshold, as residual PCE and TCE levels from the sampled wells and probes (Wells VEW7 through VEW16 and adjacent probes) were low and had little to no bounce-back in concentrations after SVE remediation period. See Table 2. TRG thus requests for OCHCA to utilize the April 2010 data for its health risk calculation, and not to perform another round of verification monitoring on these wells/probes.

Request to Abandon Wells

Given the demonstrated effectiveness of remediaion in most areas and the pending move-in of a manufacturing tenant, TRG requests that wells not associated with the remediation of the northern building area be abandoned. These wells are not necessary since residual soil vapor concentrations in these areas are no longer of concern. So TRG requests to immediately abandon these wells. As previously stated, our client is currently preparing the Site for tenant operations anticipated to start by August 30, 2011, and removing these remediation wells, probes and remediation piping is necessary to locate the tenant's activities and machinery placement at the Site. All wells will be pressure-grouted with bentonite grout and capped with concrete at the wellhead. Please see Figure 2 for proposed wells and probes to be abandoned.

Report on the Work

The results of the cleanup verification sampling fieldwork and analytical results and approved well/probe abandonment activities will be put into a report signed by a California Registered Civil Engineer that incorporates all of the requirements of your agency. TRG requests that OCHCA evaluate the results for indoor human health risk analysis and closure consideration.

Health and Safety Plan

All staff and third parties who will be near or around the project will be required to sign a site specific health and safety plan.

REGISTERED PROFESSIONAL STATEMENT

All work on this project will be performed under the responsible charge of a California Registered Civil Engineer. The licensed professional whose wet ink signature and seal appears at the end of this report will supervise all work associated with the project.

CORRESPONDENCES CONCERNING THIS PROJECT:

Please be sure that your mailing list includes The Reynolds Group and:

Dominique Baione
UNIVERSAL MOLDING EXTRUSION COMPANY
9151 East Imperial Highway
Downey, CA 90242

and

James R. McFadden
GRUBB & ELLIS
500 North State College Suite 100
Orange, CA 92868

and

John C. Glaser
GLASER, TONSICH & ASSOCIATES, LLC
765 West 9th Street
San Pedro, CA 90731

Should you have any questions regarding this letter, please do not hesitate to contact our Project Manager for this Site, Alejandro Fuan, at (714) 920-9312 (cell) or via e-mail to fuan@reynolds-group.com . Thank you for your oversight of this work.

Sincerely,
THE REYNOLDS GROUP
a California corporation by

F. Edward Reynolds, Jr.
California Registered Civil Engineer #38677

Alejandro Fuan
Project Manager

Attachments:

Table 1 –	Well Construction Detail Summary
Table 2 –	Summary of Soil Vapor Survey Sampling Results
Table 3 –	Summary of Operational Soil Vapor Sampling Results
Table 4 –	Summary of Operational Data and Mass Removal
Figure 1 –	Site Location Map
Figure 2A-2E	SVE Remediation Progress at Subslab to 5 ft bgs
Figure 3A-3E	SVE Remediation Progress at 15 ft bgs
Figure 4A-4E	SVE Remediation Progress at 25 ft bgs
Figure 5 –	Graph of Cumulative PCE and TCE Removed Over Time
Figure 6 –	Graph of PCE and TCE Concentrations Over Time
Figure 7 –	Site Plot Plan Proposed Wells and Probes to be Abandoned
Attachment A	Laboratory Analytical Results
Attachment B	System Operation Field Notes

cc: Dominick Baione, **UNIVERSAL MOLDING EXTRUSION COMPANY**
James McFadden, **GRUBB & ELLIS**
John C. Glaser, **GLASER, TONSICH & ASSOCIATES, LLC**

TABLE 1
WELL CONSTRUCTION DETAIL SUMMARY
1551 EAST ORANGETHORPE AVENUE
FULLERTON, CA

Well Location	Well ID	Well Type	Casing Diameter	Casing Length	Screen Interval
VEW3	VEW3-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW3-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
	VEW3-25	Sched. 40 PVC	2"	25 ft	22 ft - 25 ft
VEW4	VEW4-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW4-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
	VEW4-25	Sched. 40 PVC	2"	25 ft	22 ft - 25 ft
VEW5	VEW5-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW5-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
	VEW5-25	Sched. 40 PVC	2"	25 ft	22 ft - 25 ft
	VEW5-60	Sched. 40 PVC	2"	60 ft	45 ft - 60 ft
VEW6	VEW6-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW6-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
	VEW6-25	Sched. 40 PVC	2"	25 ft	22 ft - 25 ft
VEW7	VEW7-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW7-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
VEW8	VEW8-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW8-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
VEW9	VEW9-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW9-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
	VEW9-25	Sched. 40 PVC	2"	25 ft	22 ft - 25 ft
VEW10	VEW10-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW10-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
VEW11	VEW11-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW11-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
	VEW11-25	Sched. 40 PVC	2"	25 ft	22 ft - 25 ft
VEW12	VEW12-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW12-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
	VEW12-25	Sched. 40 PVC	2"	25 ft	22 ft - 25 ft
	VEW12-60	Sched. 40 PVC	2"	60 ft	45 ft - 60 ft
VEW13	VEW13-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW13-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
	VEW13-25	Sched. 40 PVC	2"	25 ft	22 ft - 25 ft
VEW14	VEW14-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW14-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
VEW15	VEW15-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW15-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft

TABLE 1 (CONTINUED)
WELL CONSTRUCTION DETAIL SUMMARY
1551 EAST ORANGETHORPE AVENUE
FULLERTON, CA

Well Location	Well ID	Well Type	Casing Diameter	Casing Length	Screen Interval
VEW16	VEW16-5	Sched. 40 PVC	2"	5 ft	2 ft - 5 ft
	VEW16-15	Sched. 40 PVC	2"	15 ft	12 ft - 15 ft
	VEW16-25	Sched. 40 PVC	2"	25 ft	22 ft - 25 ft
PMW1	PMW1-5	Nylaflow tubing	1/4"	5 ft	5 ft
	PMW1-15	Nylaflow tubing	1/4"	15 ft	15 ft
	PMW1-25	Nylaflow tubing	1/4"	25 ft	25 ft
	PMW1-60	Nylaflow tubing	1/4"	60 ft	60 ft
PMW2	PMW2-5	Nylaflow tubing	1/4"	5 ft	5 ft
	PMW2-15	Nylaflow tubing	1/4"	15 ft	15 ft
	PMW2-25	Nylaflow tubing	1/4"	25 ft	25 ft
	PMW2-60	Nylaflow tubing	1/4"	60 ft	60 ft
PMW3	PMW3-5	Nylaflow tubing	1/4"	5 ft	5 ft
	PMW3-15	Nylaflow tubing	1/4"	15 ft	15 ft
	PMW3-25	Nylaflow tubing	1/4"	25 ft	25 ft
	PMW3-60	Nylaflow tubing	1/4"	60 ft	60 ft
PMW4	PMW4-5	Nylaflow tubing	1/4"	5 ft	5 ft
	PMW4-15	Nylaflow tubing	1/4"	15 ft	15 ft
	PMW4-25	Nylaflow tubing	1/4"	25 ft	25 ft
	PMW4-60	Nylaflow tubing	1/4"	60 ft	60 ft
SV23	SV23-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV23-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV24	SV24-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV24-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV25	SV25-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV25-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV26	SV26-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV26-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV27	SV27-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV27-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV28	SV28-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV28-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV29	SV29-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV29-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV30	SV30-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV30-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV31	SV31-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV31-15	Nylaflow tubing	1/4"	15 ft	15 ft

TABLE 1 (CONTINUED)
WELL CONSTRUCTION DETAIL SUMMARY
1551 EAST ORANGETHORPE AVENUE
FULLERTON, CA

Well Location	Well ID	Well Type	Casing Diameter	Casing Length	Screen Interval
SV32	SV32-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV32-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV33	SV33-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV33-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV34	SV34-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV34-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV35	SV35-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV35-15	Nylaflow tubing	1/4"	15 ft	15 ft
SV36	SV36-1	Nylaflow tubing	1/4"	1 ft (sub-slab)	1 ft (sub slab)
SV37	SV37-1	Nylaflow tubing	1/4"	1 ft (sub-slab)	1 ft (sub slab)
SV38	SV38-1	Nylaflow tubing	1/4"	1 ft (sub-slab)	1 ft (sub slab)
SV39	SV39-1	Nylaflow tubing	1/4"	1 ft (sub-slab)	1 ft (sub slab)
SV40	SV40-1	Nylaflow tubing	1/4"	1 ft (sub-slab)	1 ft (sub slab)
SV41	SV41-1	Nylaflow tubing	1/4"	1 ft (sub-slab)	1 ft (sub slab)
SV42	SV42-1	Nylaflow tubing	1/4"	1 ft (sub-slab)	1 ft (sub slab)
SV43	SV43-1	Nylaflow tubing	1/4"	1 ft (sub-slab)	1 ft (sub slab)
SV44	SV44-5	Nylaflow tubing	1/4"	5 ft	5 ft
	SV44-15	Nylaflow tubing	1/4"	15 ft	15 ft
	SV44-25	Nylaflow tubing	1/4"	25 ft	25 ft

TABLE 2
SUMMARY OF SOIL VAPOR SURVEY SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(in micrograms per liter - µg/L)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
SV1-5	3/9/2007	OS	69.9	17.4
SV1-5 Dil.	3/9/2007	78.8	70.7	18.2
SV2-5	3/9/2007	15.3	11	3.2
SV3-5	3/9/2007	36.4	38.6	25.3
SV4-5	3/9/2007	39.2	24.2	9.1
SV5-5	3/9/2007	35.3	58.2	40.4
SV6-5	3/9/2007	80.3	115.2	65.3
SV7-5	3/9/2007	99.6	101.7	78.3
SV8-5	3/9/2007	7.2	22.6	17.7
SV9-5	3/9/2007	53.7	11.6	6.0
SV10-5	3/9/2007	222.2	88.8	79.7
SV11-5	3/9/2007	34.9	1.9	<1.0
	(DUP) 3/9/2007	32	1.8	<1.0
SV12-5	3/9/2007	72.8	50.4	63.6
SV13-5	3/9/2007	7.4	16.3	7.4
SV14-5	3/9/2007	50.1	98.7	78.2
SV15-5	3/9/2007	1.4	<1.0	54.4
SV16-5	3/9/2007	<1.0	<1.0	<1.0
SV17-5	3/9/2007	<1.0	<1.0	<1.0
SV18-5	7/30/2007	163.5	120.2	64.3
SV19-5	7/30/2007	190.8	190.2	239.9
SV20-5	7/30/2007	164.5	99.3	66.2
SV21-5	7/30/2007	<1.0	<1.0	<1.0
SV22-5	7/30/2007	1,079.40	710.8	257.6
	(DUP) 7/30/2007	984.8	684.9	232.8
SV23-5	7/30/2007	72.1	80.4	79.8
SV24-5	2/18/2008	REFUSAL		
SV24-15	10/16/2007	120	32	30
SV24-15	2/18/2008	REFUSAL		
SV25-5	10/16/2007	110	48	100
	2/18/2008	REFUSAL		
	3/2/2009	0.338	<0.02	<0.02
SV25-15	10/16/2007	180	100	250
	2/18/2008	REFUSAL		
	3/2/2009	1.11	<0.02	<0.02
SV26-5	2/18/2008	REFUSAL		
SV26-15	10/16/2007	11	2	14
	2/18/2008	2.2	1.1	

TABLE 2 (CONTINUED)
SUMMARY OF SOIL VAPOR SURVEY SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(in micrograms per liter – µg/L)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
SV27-5	10/16/2007	66	50	88
	2/18/2008	5.1	3.1	<1.0
	(1P) 3/2/2009	0.816	0.096	<0.02
	(3P) 3/2/2009	0.745	0.132	<0.02
	(7P) 3/2/2009	0.678	0.108	<0.02
	4/28/2010	<0.02	<0.02	<0.02
SV27-15	10/16/2007	74	68	140
	2/18/2008	10	2.5	<1.0
	(1P) 3/2/2009	0.756	0.05	<0.02
	(3P) 3/2/2009	0.94	0.063	<0.02
	(7P) 3/2/2009	0.679	0.05	<0.02
SV28-5	10/16/2007	1.4	0.4	<0.5
SV29-5	10/16/2007	22	5.4	0.9
	(DUP) 10/16/2007	23	5.2	0.8
	2/18/2008	9.6	1.6	<1.0
SV29-15	10/16/2007	21	6.3	1
	2/18/2009	13.3	2.9	<1.0
SV30-5	10/16/2007	53	71	61
	2/18/2008	14.4	15.7	<1.0
	3/2/2009	2.62	1.8	0.684
	4/27/2010	<0.02	<0.02	<0.02
SV30-15	10/16/2007	4.8	2.8	0.5
	2/18/2008	21.7	15.7	6.5
	3/2/2009	6.35	5.39	1.08
	(DUP) 3/2/2009	6.22	4.75	0.962
	4/27/2010	0.446	1.35	0.36
SV31-5	10/16/2007	1.5	2	0.6
	2/18/2008	REFUSAL		
	3/2/2009	<0.02	0.421	<0.02
	4/27/2010	<0.02	<0.02	<0.02
SV31-15	10/16/2007	16	44	53
	(DUP) 10/16/2007	13	41	53
	2/18/2008	11.9	23.4	9
	3/2/2009	0.068	0.029	<0.02
	4/27/2010	0.354	0.570	<0.02
SV32-5	10/16/2007	11	38	73
	2/18/2008	2	7.2	<1.0
	3/2/2009	0.132	<0.02	<0.02
	4/24/2010	<0.02	<0.02	<0.02
SV32-15	10/16/2007	11	32	49
	2/18/2008	2.3	10.5	9.4
	(DUP) 2/18/2008	2.3	12.4	10.3

TABLE 2 (CONTINUED)
SUMMARY OF SOIL VAPOR SURVEY SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(in micrograms per liter - µg/L)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
SV32-15 (cont'd)	3/2/2009	<0.02	<0.02	0.02
	4/24/2010	0.115	<0.02	<0.02
SV33-5	10/16/2007	25	47	55
	2/18/2008	1.0	<1.0	<1.0
	3/2/2009	<0.02	<0.02	<0.02
	4/27/2010	<0.02	<0.02	<0.02
SV33-15	10/16/2007	54	90	140
	2/18/2008	6.7	15.9	<1.0
	3/2/2009	<0.02	<0.02	<0.02
	4/27/2010	<0.02	<0.02	<0.02
SV34-5	3/2/2009	0.276	0.064	<0.02
SV34-15	10/16/2007	92	110	460
	(DUP) 10/16/2007	93	72	140
	3/2/2009	2.68	<0.02	0.24
	4/28/2010	<0.02	<0.02	<0.02
SV35-5	3/2/2009	0.198	<0.02	<0.02
SV35-15	3/2/2009	0.156	<0.02	<0.02
SV36	3/2/2009	26.7	20.7	0.433
	11/24/2009	17.1	17.3	<0.02
	4/27/2010	9.87	12.5	0.527
	10/28/2010	3.57	2.44	0.029
	6/16/2011 8/2/11	5.50 3.04	3.84 1.8	<0.008
SV37	(1P) 3/2/2009	2.36	4.77	2.71
	(3P) 3/2/2009	2.59	5.2	3.04
	(7P) 3/2/2009	2.21	4.62	2.74
	11/24/2009	11.4	19.9	0.229
	(DUP) 11/24/2009	10.5	17	0.196
	4/27/2010	0.933	1.67	1.18
	4/28/2010	1.43	2.8	2.07
	10/28/2010	0.175	0.38	0.258
	(DUP) 10/28/2010	0.169	0.374	0.299
	6/19/2011 8/2/11	0.202 0.07	0.387 0.549	0.139 0.030
SV38	3/2/2009	<0.02	<0.02	<0.02
	4/27/2010	0.198	0.618	0.941
SV39	3/2/2009	0.307	0.547	1.16
	(DUP) 3/2/2009	0.329	0.564	1.18
SV40	3/2/2009	0.103	0.1	<0.02
	4/27/2010	0.368	0.395	0.684
SV41	3/2/2009	0.081	<0.02	<0.02
	4/27/2010	<0.02	0.058	0.06
SV42	3/2/2009	1.1	0.2	<0.02
	4/27/2010	0.805	0.11	<0.02
	10/28/2010	0.356	0.01	<0.008

TABLE 2 (CONTINUED)
SUMMARY OF SOIL VAPOR SURVEY SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(in micrograms per liter - µg/L)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
SV42 (cont'd)	6/16/2011 8/2/11	0.640 0.361	<0.008	<0.008
SV43SS	3/2/2009	4.66	0.027	<0.02
	11/24/2009	0.512	0.048	<0.02
	(DUP) 11/24/2009	0.759	<0.02	<0.02
	4/28/2010	1.12	<0.02	<0.02
	10/28/2010	0.189	<0.008	<0.008
	6/16/2011	0.191	<0.008	<0.008
	(DUP) 6/16/2011 8/2/11	0.244 0.744	<0.008 0.042	<0.008
SV43-5	4/28/2010	0.46	<0.02	<0.02
	10/28/2010	0.208	<0.008	<0.008
	6/16/2011 8/2/11	0.181 0.346	<0.008 0.066	<0.008
SV43-15	4/28/2010	3.02	0.069	0.155
	10/28/2010	3.37	0.138	0.023
	6/16/2011 8/2/11	0.276 0.102	<0.008	<0.008
SV44-5	3/2/2009	0.428	0.05	<0.02
SV44-15	3/2/2009	1.11	0.118	<0.02
	4/28/2010	0.135	<0.02	<0.02
SV44-25	3/2/2009	25.5	7.71	0.787
	(DUP) 3/2/2009	17.3	6.4	0.626
	4/28/2010	0.41	0.287	<0.02
	(DUP) 4/28/2010	0.45	0.309	<0.02
VEW3-5	10/25/2007	24	29	6.6
	11/24/2009	0.748	0.198	<0.02
	4/28/2010	16.6	0.699	<0.02
	10/28/2010	7.33	0.455	0.229
	*4/4/2011	19.52	<0.27	<0.20
	*5/9/2011	13.49	<0.27	<0.20
	6/16/2011 8/2/11	17.2 9.17	0.69 0.515	0.059
VEW3-15	10/25/2007	240	140	74
	3/2/2009	196	8.82	<0.02
	11/24/2009	1.48	0.125	<0.02
	4/28/2010	92.3	3.51	1.46
	10/28/2010	16	0.725	0.27
	*4/4/2011	106.55	4.83	3.61
	*5/9/2011	146.34	4.62	4.79
	6/16/2011 8/2/11	16.8 31.3	0.75 1.85	0.58 0.[illegible]
VEW3-25	10/25/2007	210	120	83
	3/2/2009	767	107	21.5
	4/28/2010	87.6	11.9	22.5
	10/28/2010	24.9	1.22	0.363
	6/16/2011 8/2/11	17.6 206.00	0.657 14.6	0.180 12.8

TABLE 2 (CONTINUED)
SUMMARY OF SOIL VAPOR SURVEY SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(in micrograms per liter - µg/L)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
VEW4-5	11/14/2007	21	17	1.7
	4/27/2010	2.62	<0.02	0.209
	10/28/2010	0.636	0.108	<0.008
	6/16/2011 8/2/11	~~0.442~~ 0.492	<0.008	<0.008
VEW4-15	11/14/2007	380	150	86
	(DUP) 11/14/2007	360	140	73
	6/16/2011 8/2/11	~~0.627~~ 0.394	<0.008	<0.008
VEW4-25	11/14/2007	470	180	160
	3/2/2009 8/2/11	~~2.77~~ ND(0.02)	0.149	0.283
VEW5-5	10/25/2007	23	13	3.8
	10/30/2007	12	8.2	3.1
	4/27/2010	<0.02	<0.02	<0.02
	10/28/2010	0.085	<0.008	<0.008
	*4/4/2011	<0.34	<0.27	<0.20
	6/16/2011 8/2/11	~~1.88~~ 0.320	0.143 0.442	<0.008 0.326
VEW5-15	10/25/2007	19	14	6
	10/30/2007	19	13	7.8
	3/2/2009	0.429	0.024	<0.02
	6/16/2011	0.209	<0.008	<0.008
VEW5-25	10/25/2007	12	8.7	13
	(DUP)10/25/2007	4.2	3.2	4.9
	10/30/2007	16	17	11
	3/2/2009	0.267	<0.02	<0.02
	(DUP) 3/2/2009	0.303	<0.02	<0.02
VEW5-60	10/25/2007	170	550	170
	10/30/2007	140	570	150
VEW7-5	4/28/2010	<0.02	<0.02	<0.02
VEW6-5	11/14/2007	3.7	3.1	<0.5
	2/18/2008	7.3	14.6	<1.0
	4/27/2010	0.688	0.641	<0.02
	4/28/2010	0.485	0.426	<0.02
	*4/4/2011	<0.34	<0.27	<0.20
	6/16/2011	1.38	0.334	0.055
	(DUP) 6/16/2011 8/2/11	1.22 0.432	0.255 0.154	0.058
VEW6-15	11/14/2007	110	110	17
	2/18/2008	8.2	12.4	<1.0
	3/2/2009	20.1	1.71	0.268
	6/16/2011 8/2/11	~~0.020~~ 0.313	<0.008	<0.008
VEW6-25	10/30/2007	8.5	9.1	2.5
	11/14/2007	320	370	250
	3/2/2009 8/2/11	8.15 2.18	5.6 2.79	7.72 1.48
VEW8-15	4/27/2010	<0.02	<0.02	<0.02

1,1-DCA 0.402

TABLE 2 (CONTINUED)
SUMMARY OF SOIL VAPOR SURVEY SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(in micrograms per liter - µg/L)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
VEW9-5	10/25/2007	39	43	42
VEW9-15	10/25/2007	89	130	170
	3/2/2009	1.58	2.08	1.99
	4/27/2010	<0.02	0.65	0.588
VEW9-25	10/25/2007	64	69	61
	3/2/2009	<0.02	<0.02	<0.02
	4/27/2010	1.96	0.307	<0.02
VEW11-15	3/2/2009	8.33	0.685	<0.02
	4/27/2010	<0.02	0.381	0.353
VEW11-25	3/2/2009	0.984	3.01	<0.02
	4/27/2010	<0.02	<0.02	<0.02
VEW12-5	10/25/2007	30	64	120
VEW12-15	10/25/2007	3.1	8.2	9.8
	3/2/2009	0.184	<0.02	<0.02
	4/27/2010	<0.02	2.4	0.648
VEW12-25	10/25/2007	56	110	210
	3/2/2009	0.918	4.94	852
	4/27/2010	5.51	3.62	0.477
VEW12-60	10/25/2007	10	43	9.0
VEW13-15	3/2/2009	6.08	0.76	<0.02
	4/27/2010	<0.02	<0.02	<0.02
VEW16-5	4/27/2010	<0.02	<0.02	<0.02
VEW16-15	3/2/2009	20.5	26.9	13.7
	4/27/2010	0.570	<0.02	<0.02
VEW16-25	3/2/2009	20.6	36.8	12.9
	4/27/2010	<0.02	<0.02	<0.02
VEW17-5	*4/4/2011	1.76	1.24	<0.20
	*5/9/2011	<0.34	<0.27	<0.20
	6/16/2011 8/2/11	1.89 2.22	0.424 1.20	0.104 0.302
VEW18-5	3/2/2009	2.5	0.294	<0.02
	(DUP) 3/2/2009	2.27	0.302	<0.02
	10/28/2010	6.540	0.452	0.212
	*4/4/2011	<0.34	<0.27	<0.20
	*5/9/2011	<0.34	<0.27	<0.20
	6/16/2011 8/2/11	1.49 0.402	0.325 0.046	0.056
PW1-5	11/14/2007	31	6.1	1.1
	3/2/2009	<0.02	<0.02	<0.02
PW1-15	11/14/2007	21	1.5	<0.5
	3/2/2009	0.168	<0.02	<0.02
PW1-25	11/14/2007	4,200	140	55
	3/2/2009	38.8	4.07	1.47
PW1-60	11/14/2007	70	220	39

TABLE 2 (CONTINUED)
SUMMARY OF SOIL VAPOR SURVEY SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(in micrograms per liter - µg/L)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
PW2-5	12/18/2007	2	8.9	2.5
	(DUP) 12/18/2007	1.5	7.2	2.5
PW2-15	12/17/2007	1.5	7.4	3.1
	12/18/2007	6.2	12	6.2
PW2-25	12/18/2007	37	19	20
PW2-60	12/10/2007	75	370	100
	12/18/2007	75	370	100
PW3-5	12/10/2007	3.8	1.7	0.6
	(DUP) 12/10/2007	4.3	1.7	0.7
PW3-15	12/10/2007	1.4	1.0	1.9
PW3-25	12/10/2007	17	2.2	1.6
PW3-60	12/10/2007	<0.1	<0.1	<0.5
PW4-5	12/18/2007	3.8	1.7	0.6
	(DUP) 12/18/2007	4.3	1.7	0.7
PW4-15	12/18/2007	1.4	1.00	1.9
PW4-25	12/18/2007	17	2.2	1.6
PW4-60	12/18/2007	<0.1	<0.1	<0.5

NOTES:
PCE - Tetrachloroethylene in micrograms per liter
TCE - Trichloroethylene in micrograms per liter
(DUP) - Duplicate Sample
(#P) - No. of Volume Purge
*DATE - Samples were taken during system operation visits.

TABLE 3
SUMMARY OF OPERATIONAL SOIL VAPOR SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(parts per million by volume - ppmv)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
VEW3-5	2/14/2008	10.73	2.23	1.26
	10/31/2008	5.45	0.3	<0.05
	5/13/2009	3.49	0.49	<0.05
	6/109	3.21	0.24	<0.05
	6/29/2009	1.88	<0.05	<0.05
	9/8/2009	0.18	<0.05	<0.05
	9/17/2010	0.55	<0.05	<0.05
	12/14/2010	1.42	<0.05	<0.05
	1/10/2011	2.24	<0.05	<0.05
	3/7/2011	1.25	<0.05	<0.05
	4/4/2011	2.88	<0.05	<0.05
	5/9/2011	1.99	<0.05	<0.05
VEW3-15	2/14/2008	69.83	18.04	18.4
	11/10/2008	11.13	2.57	1.66
	5/13/2009	21.02	2.33	3.2
	6/1/2009	14.76	4.09	4.36
	6/29/2009	6.07	2.27	<0.05
	8/4/2009	2.94	<0.05	<0.05
	9/8/2009	2.22	<0.05	<0.05
	9/17/2010	7.89	0.85	1.01
	12/14/2010	13.6	3.16	4.96
	1/10/2011	19.81	5.94	6.16
	3/7/2011	32.18	2.52	2.8
	4/4/2011	15.72	0.9	0.91
	5/9/2011	21.59	0.86	1.21
VEW3-25	8/4/2008	10.24	1.53	1.74
	11/10/2008	9.06	2.98	3.56
	5/13/2009	37.76	8.2	8.87
	6/1/2009	29.08	8.75	7.95
	6/29/2009	19.77	6.74	<0.05
	8/4/2009	15.13	1.77	2.03
	9/8/2009	7.66	0.98	1.79
	9/17/2010	10.49	1.97	2.32
VEW4-5	2/14/2008	0.74	<1.0	<1.0
VEW4-15	2/14/2008	2.35	<1.0	<1.0
	11/19/2008	0.38	<0.05	<0.05
VEW4-25	8/4/2008	2.47	0.26	<0.05
	11/10/2008	0.72	0.09	<0.05
VEW5-5	2/14/2008	<1.0	<1.0	<1.0
	12/14/2010	1.41	<0.05	<0.05
	1/10/2011	0.44	<0.05	<0.05
	3/7/2011	2.04	<0.05	<0.05

TABLE 3 (CONTINUED)
SUMMARY OF OPERATIONAL SOIL VAPOR SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(parts per million by volume - ppmv)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
VEW5-5 (cont'd)	4/4/2011	<0.05	<0.05	<0.05
VEW5-15	2/14/2008	<1.0	<1.0	<1.0
VEW5-25	8/4/2008	0.19	<0.05	<0.05
	10/21/2008	0.23	<0.05	<0.05
VEW5-60	11/10/2008	3.81	27.75	17.72
VEW6-5	2/14/2008	0.74	<1.0	<1.0
	12/14/2010	0.42	<0.05	<0.05
	1/10/2011	0.78	<0.05	<0.05
	3/7/2011	1.03	<0.05	<0.05
	4/4/2011	<0.05	<0.05	<0.05
VEW6-15	2/14/2008	2.21	2.79	2.52
	11/10/2008	0.48	0.12	<0.05
VEW6-25	8/4/2008	2.1	0.22	<0.05
	11/10/2008	0.14	0.25	<0.05
VEW7-15	4/2/2008	3.74	2.95	0.82
	5/5/2008	2.65	0.62	<0.01
	6/12/2008	2.04	0.2	<0.01
	9/2/2008	0.1	0.38	<0.05
	10/6/2008	0.21	<0.05	<0.05
VEW8-15	4/2/2008	2.02	2.44	0.99
	5/5/2008	2.69	0.87	<0.01
	6/12/2008	4.4	0.81	<0.01
	9/2/2008	0.25	1.79	<0.05
	10/6/2008	2.03	0.21	<0.05
	11/19/2008	0.43	<0.05	<0.05
VEW9-5	2/14/2008	<1.0	<1.0	<1.0
VEW9-15	2/14/2008	0.88	1.86	1.26
	11/10/2008	0.8	0.1	<0.05
VEW9-25	8/4/2008	0.15	<0.05	<0.05
VEW10-5	11/4/2008	<0.05	<0.05	<0.05
VEW10-15	4/2/2008	0.22	<0.01	<0.01
	5/5/2008	<0.01	<0.01	<0.01
	6/12/2008	<0.01	<0.01	<0.01
	8/4/2008	<0.05	<0.05	<0.05
VEW11-15	11/10/2008	<0.05	<0.05	<0.05
VEW11-25	4/2/2008	0.14	0.56	<0.01
	5/5/2008	<0.01	0.32	<0.01
	6/12/2008	<0.01	<0.01	<0.01
	9/2/2008	0.17	0.25	<0.05
VEW12-5	2/14/2008	2.65	3.91	1.51
	11/4/2008	<0.05	<0.05	<0.05

TABLE 3 (CONTINUED)
SUMMARY OF OPERATIONAL SOIL VAPOR SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(parts per million by volume - ppmv)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
VEW12-15	2/14/2008	<1.0	<1.0	<1.0
VEW12-25	8/4/2008	0.39	0.36	<0.05
VEW12-60	11/10/2008	2.75	21.49	10.1
VEW13-5	11/4/2008	<0.05	<0.05	<0.05
VEW13-25	4/2/2008	1.96	5.91	2.75
	5/5/2008	0.75	2.26	1.65
	6/12/2008	0.63	1.67	0.95
	9/2/2008	0.99	2.69	1.26
VEW14-5	9/2/2008	0.18	<0.05	<0.05
VEW14-15	4/2/2008	0.61	1.08	<0.01
	5/5/2008	0.23	0.27	<0.01
	6/12/2008	0.24	0.34	<0.01
VEW15-15	4/2/2008	0.98	1.31	<0.01
	5/5/2008	0.7	0.87	<0.01
	6/12/2008	0.75	0.88	<0.01
	9/2/2008	0.45	0.67	<0.05
	11/10/2008	0.33	0.6	<0.05
VEW16-15	11/10/2008	0.77	0.59	<0.05
VEW16-25	4/2/2008	1	0.16	<0.01
	5/5/2008	0.28	0.61	<0.01
	6/2/2008	0.69	0.17	<0.01
	9/2/2008	0.86	0.92	<0.05
	10/21/2008	1.62	1.29	<0.05
VEW17-5	1/8/2010	<0.05	<0.05	<0.05
	1/14/2010	0.26	0.26	<0.05
	1/20/2010	0.21	0.19	<0.05
	1/25/2010	0.22	0.2	<0.05
	2/4/2010	0.23	0.5	<0.05
	2/9/2010	0.17	0.24	<0.05
	2/17/2010	0.18	0.19	<0.05
	2/24/2010	0.11	<0.05	<0.05
	3/4/2010	<0.05	<0.05	<0.05
	3/11/2010	<0.05	<0.05	<0.05
	12/14/2010	0.36	<0.05	<0.05
	1/10/2011	0.31	0.16	<0.05
	3/7/2011	0.43	<0.05	<0.05
	4/4/2011	0.26	0.23	<0.05
	5/9/2011	<0.05	<0.05	<0.05
VEW18-5	1/8/2010	0.14	<0.05	<0.05
	1/14/2010	<0.05	<0.05	<0.05
	1/20/2010	<0.05	<0.05	<0.05

TABLE 3 (CONTINUED)
SUMMARY OF OPERATIONAL SOIL VAPOR SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(parts per million by volume - ppmv)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
VEW18-5 (cont'd)	1/25/2010	<0.05	<0.05	<0.05
	2/4/2010	<0.05	<0.05	<0.05
	2/9/2010	<0.05	<0.05	<0.05
	2/17/2010	<0.05	<0.05	<0.05
	2/24/2010	<0.05	<0.05	<0.05
	3/4/2010	<0.05	<0.05	<0.05
	3/11/2010	<0.05	<0.05	<0.05
	9/17/2010	<0.05	<0.05	<0.05
	12/14/2010	<0.05	<0.05	<0.05
	1/10/2011	<0.05	<0.05	<0.05
	3/7/2011	<0.05	<0.05	<0.05
	4/4/2011	<0.05	<0.05	<0.05
	5/9/2011	<0.05	<0.05	<0.05
Inlet	1/4/2008	18.23	10.42	15.12
	1/11/2008	10.14	3.16	1.51
	1/17/2008	8.38	1.86	<1.0
	1/21/2008	6.32	1.3	<1.0
	1/30/2008	5.29	1.49	<1.0
	2/5/2008	3.09	<1.0	<1.0
	2/14/2008	2.94	0.93	<1.0
	3/7/2008	0.91	1.13	0.76
	3/11/2008	0.65	1.09	0.69
	3/20/2008	0.65	0.97	<0.01
	3/27/2008	0.36	0.38	<0.01
	4/2/2008	0.91	1.54	0.55
	4/10/2008	0.96	0.88	<0.01
	4/15/2008	0.92	0.39	<0.01
	4/25/2008	1.15	0.67	<0.01
	5/5/2008	1.14	0.27	<0.01
	5/14/2008	0.92	0.22	<0.01
	5/19/2008	0.81	0.45	<0.01
	5/27/2008	0.98	0.31	<0.01
	6/2/2008	1.41	0.73	<0.01
	6/12/2008	1.1	0.28	<0.01
	6/19/2008	0.88	0.38	<0.01
	6/23/2008	0.76	<0.01	<0.01
	7/8/2008	0.72	<0.01	<0.01
	7/17/2008	0.36	<0.05	<0.05
	8/4/2008	0.49	<0.05	<0.05
	8/11/2008	1.75	0.47	<0.05
	8/18/2008	0.14	<0.05	<0.05

TABLE 3 (CONTINUED)
SUMMARY OF OPERATIONAL SOIL VAPOR SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(parts per million by volume - ppmv)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
Inlet (cont`d)	8/25/2008	0.47	<0.05	<0.05
	9/2/2008	0.72	0.46	<0.05
	9/11/2008	0.91	<0.05	<0.05
	9/19/2008	0.11	<0.05	<0.05
	9/23/2008	0.28	<0.05	<0.05
	9/30/2008	1.12	0.56	<0.05
	10/6/2008	0.86	0.41	<0.05
	10/13/2008	0.27	0.19	<0.05
	10/15/2008	1.16	<0.05	<0.05
	10/21/2008	0.57	0.86	<0.05
	10/31/2008	1.87	0.3	<0.05
	11/4/2008	<0.05	<0.05	<0.05
	11/10/2008	0.15	0.26	<0.05
	11/19/2008	0.4	<0.05	<0.05
	5/13/2009	3.45	0.5	<0.05
	5/27/2009	4.53	0.32	<0.05
	6/1/2009	2.63	0.26	<0.05
	6/9/2009	1.94	0.22	<0.05
	6/15/2009	2.78	0.26	<0.05
	6/22/2009	2.61	0.23	<0.05
	7/9/2009	2.72	0.22	<0.05
	7/15/2009	3.11	<0.05	<0.05
	7/21/2009	2.76	<0.05	<0.05
	7/28/2009	4.18	1.53	1.67
	8/4/2009	2.31	0.25	<0.05
	8/11/2009	4.37	0.39	<0.05
	8/28/2009	1.05	<0.05	<0.05
	9/8/2009	0.83	<0.05	<0.05
	9/17/2009	0.64	<0.05	<0.05
	9/24/2009	1.26	<0.05	<0.05
	10/1/2009	0.82	<0.05	<0.05
	1/8/2010	0.34	<0.05	<0.05
	1/25/2010	1.27	0.18	<0.05
	2/4/2010	1.50	<0.05	<0.05
	2/9/2010	1.18	0.17	<0.05
	2/24/2010	0.56	<0.05	<0.05
	7/20/2010	0.42	<0.05	<0.05
	7/30/2010	0.49	<0.05	<0.05
	8/6/2010	0.37	<0.05	<0.05
	8/12/2010	0.42	<0.05	<0.05
	8/20/2010	0.29	<0.05	<0.05

TABLE 3 (CONTINUED)
SUMMARY OF OPERATIONAL SOIL VAPOR SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(parts per million by volume - ppmv)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
Inlet (cont'd)	8/26/2010	0.12	<0.05	<0.05
	8/30/2010	0.19	<0.05	<0.05
	9/8/2010	0.50	<0.05	<0.05
	11/11/2010	0.72	<0.05	<0.05
	12/14/2010	0.49	<0.05	<0.05
	1/10/2011	0.47	<0.05	<0.05
	3/7/2011	0.90	<0.05	<0.05
	4/4/2011	0.53	<0.05	<0.05
	5/9/2011	0.26	<0.05	<0.05
Outlet	1/4/2008	<1.0	<1.0	<1.0
	1/11/2008	<1.0	<1.0	<1.0
	1/17/2008	<1.0	0.93	<1.0
	1/21/2008	<1.0	<1.0	<1.0
	1/30/2008	<1.0	<1.0	<1.0
	2/5/2008	<1.0	<1.0	<1.0
	2/14/2008	<1.0	<1.0	<1.0
	3/7/2008	0.51	0.98	1.11
	3/11/2008	<1.0	<1.0	0.51
	3/20/2008	<0.01	<0.01	<0.01
	3/27/2008	<0.01	<0.01	<0.01
	4/2/2008	<0.01	<0.01	<0.01
	4/10/2008	<0.01	<0.01	<0.01
	4/15/2008	<0.01	<0.01	<0.01
	4/25/2008	<0.01	<0.01	<0.01
	5/5/2008	<0.01	<0.01	<0.01
	5/14/2008	<0.01	<0.01	<0.01
	5/19/2008	<0.01	<0.01	<0.01
	5/27/2008	<0.01	<0.01	<0.01
	6/2/2008	<0.01	<0.01	<0.01
	6/12/2008	<0.01	<0.01	<0.01
	6/19/2008	<0.01	<0.01	<0.01
	6/23/2008	<0.01	<0.01	<0.01
	7/8/2008	<0.01	<0.01	<0.01
	7/17/2008	<0.05	<0.05	<0.05
	8/4/2008	<0.05	<0.05	<0.05
	8/11/2008	<0.05	<0.05	<0.05
	8/18/2008	<0.05	<0.05	<0.05
	8/25/2008	<0.05	<0.05	<0.05
	9/2/2008	<0.05	<0.05	<0.05
	9/11/2008	<0.05	<0.05	<0.05
	9/19/2008	<0.05	<0.05	<0.05
	9/23/2008	<0.05	<0.05	<0.05

TABLE 3 (CONTINUED)
SUMMARY OF OPERATIONAL SOIL VAPOR SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(parts per million by volume - ppmv)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
Outlet (cont'd)	9/30/2008	<0.05	<0.05	<0.05
	10/6/2008	0.34	<0.05	<0.05
	10/13/2008	<0.05	<0.05	<0.05
	10/15/2008	<0.05	<0.05	<0.05
	10/21/2008	<0.05	<0.05	<0.05
	10/31/2008	<0.05	<0.05	<0.05
	11/4/2008	<0.05	<0.05	<0.05
	11/10/2008	<0.05	<0.05	<0.05
	11/19/2008	<0.05	<0.05	<0.05
	5/13/2009	<0.05	<0.05	<0.05
	5/27/2009	<0.05	<0.05	<0.05
	6/1/2009	<0.05	<0.05	<0.05
	6/9/2009	<0.05	<0.05	<0.05
	6/15/2009	<0.05	<0.05	<0.05
	6/22/2009	<0.05	<0.05	<0.05
	7/9/2009	<0.05	<0.05	<0.05
	7/15/2009	<0.05	<0.05	<0.05
	7/21/2009	<0.05	<0.05	<0.05
	7/28/2009	<0.05	<0.05	<0.05
	8/4/2009	<0.05	<0.05	<0.05
	8/11/2009	<0.05	<0.05	<0.05
	8/28/2009	<0.05	<0.05	<0.05
	9/8/2009	<0.05	<0.05	<0.05
	9/17/2009	<0.05	<0.05	<0.05
	9/24/2009	<0.05	<0.05	<0.05
	1/8/2010	<0.05	<0.05	<0.05
	1/25/2010	0.15	0.49	0.75
	2/4/2010	0.17	0.27	<0.05
	2/9/2010	<0.05	0.28	<0.05
	2/24/2010	<0.05	<0.05	<0.05
	7/20/2010	<0.05	<0.05	<0.05
	7/30/2010	<0.05	<0.05	<0.05
	8/6/2010	<0.05	<0.05	<0.05
	8/12/2010	<0.05	<0.05	<0.05
	8/20/2010	<0.05	<0.05	<0.05
	8/26/2010	<0.05	<0.05	<0.05
	8/30/2010	<0.05	<0.05	<0.05
	9/8/2010	<0.05	<0.05	<0.05
	9/17/2010	<0.05	<0.05	<0.05
	11/11/2010	<0.05	<0.05	<0.05
	12/14/2010	<0.05	<0.05	<0.05

TABLE 3 (CONTINUED)
SUMMARY OF OPERATIONAL SOIL VAPOR SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(parts per million by volume - ppmv)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
Outlet (cont'd)	1/10/2011	<0.05	<0.05	<0.05
	3/7/2011	<0.05	<0.05	<0.05
	4/4/2011	<0.05	<0.05	<0.05
Mid	1/4/2008	14.55	10.23	14.87
	1/11/2008	Not sampled.		
	1/17/2008	<1.0	<1.0	<1.0
	1/21/2008	Not sampled.		
	1/30/2008	<1.0	<1.0	<1.0
	2/5/2008	<1.0	<1.0	<1.0
	2/14/2008	<1.0	<1.0	<1.0
	3/7/2008	<1.0	<1.0	1.44
	3/11/2008	<1.0	<1.0	0.98
	3/20/2008	<0.01	<0.01	<0.01
	3/27/2008	<0.01	<0.01	<0.01
	4/2/2008	<0.01	<0.01	0.69
	4/10/2008	<0.01	<0.01	<0.01
	4/15/2008	<0.01	<0.01	<0.01
	4/25/2008	<0.01	<0.01	<0.01
	5/5/2008	<0.01	<0.01	<0.01
	5/14/2008	<0.01	<0.01	<0.01
	5/19/2008	<0.01	<0.01	<0.01
	5/27/2008	<0.01	<0.01	<0.01
	6/2/2008	<0.01	<0.01	<0.01
	6/12/2008	<0.01	<0.01	<0.01
	6/19/2008	<0.01	<0.01	<0.01
	6/23/2008	<0.01	<0.01	<0.01
	7/8/2008	<0.01	<0.01	<0.01
	7/17/2008	<0.05	<0.05	<0.05
	8/4/2008	0.54	0.39	<0.05
	8/11/2008	<0.05	<0.05	<0.05
	8/18/2008	<0.05	0.32	<0.05
	8/25/2008	<0.05	0.39	<0.05
	9/2/2008	0.08	0.55	<0.05
	9/11/2008	<0.05	<0.05	<0.05
	9/19/2008	<0.05	<0.05	<0.05
	9/23/2008	<0.05	<0.05	<0.05
	9/30/2008	<0.05	<0.05	<0.05
	10/6/2008	<0.05	<0.05	<0.05
	10/13/2008	<0.05	<0.05	<0.05
	10/15/2008	<0.05	<0.05	<0.05
	10/21/2008	<0.05	<0.05	<0.05

TABLE 3 (CONTINUED)
SUMMARY OF OPERATIONAL SOIL VAPOR SAMPLING RESULTS
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA
(parts per million by volume - ppmv)

Sample ID	Date Sampled	PCE	TCE	1,1-DCE
Mid (cont'd)	10/31/2008	<0.05	<0.05	<0.05
	11/4/2008	<0.05	<0.05	<0.05
	11/10/2008	<0.05	<0.05	<0.05
	11/19/2008	<0.05	<0.05	<0.05
	2/9/2010	<0.05	<0.05	<0.05
	2/24/2010	<0.05	<0.05	<0.05

Notes:
- Samples collected from 1/4/08 through 2/14/08 were reported in mg/L by the laboratory and converted to ppmv.
- Samples collected from 3/7/08 through 7/8/08 were reported in µg/L by the laboratory and converted to ppmv.

TABLE 4
SUMMARY OF OPERATIONAL DATA AND MASS REMOVAL
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA

Sample ID	Date Sampled	Sample Concentration				Pipe Dia.	Flow Rate	Cumulative Time	Mass Removed	
		PCE ppmv	PCE µg/L	TCE ppmv	TCE µg/L	inches	cfm	hrs	Cumulative PCE lbs	Cumulative TCE lbs
Inlet	1/4/2008	17.971	124	10.182	56	4	88.6	0.0	0.00	0.00
Inlet	1/11/2008	10.000	69	3.091	17	4	133.5	161.8	5.57	0.69
Inlet	1/17/2008	8.261	57	1.818	10	4	222.2	308.1	12.50	1.29
Inlet	1/21/2008	6.232	43	1.273	7	4	247.2	401.1	16.19	1.59
Inlet	1/30/2008	5.217	36	1.455	8	4	185.7	619.0	21.64	2.20
Inlet	2/5/2008	3.043	21	<RL	<RL	4	269.3	761.0	24.64	2.20
Inlet	2/14/2008	2.899	20	0.909	5	4	306.8	977.1	29.60	2.82
Inlet	3/7/2008	0.893	6.16	1.105	6.08	4	330.2	1,201.9	31.31	3.66
Inlet	3/11/2008	0.642	4.43	1.069	5.88	4	157.3	1,298.3	31.56	3.83
Inlet	3/20/2008	0.638	4.40	0.953	5.24	4	130.1	1,515.3	32.02	4.11
Inlet	3/27/2008	0.358	2.47	0.375	2.06	4	162.0	1,681.2	32.27	4.21
Inlet	4/2/2008	0.900	6.21	1.504	8.27	4	162.0	1,823.6	32.80	4.57
Inlet	4/10/2008	0.951	6.56	0.864	4.75	4	121.4	2,018.2	33.38	4.78
Inlet	4/15/2008	0.907	6.26	0.385	2.12	4	158.6	2,137.9	33.83	4.85
Inlet	4/25/2008	1.132	7.81	0.651	3.58	4	132.9	2,371.8	34.73	5.06
Inlet	5/5/2008	1.120	7.73	0.267	1.47	4	160.5	2,493.1	35.30	5.11
Inlet	5/14/2008	0.909	6.27	0.211	1.16	4	150.4	2,707.9	36.05	5.18
Inlet	5/19/2008	0.797	5.50	0.436	2.40	4	123.0	2,828.6	36.36	5.25
Inlet	5/27/2008	0.965	6.66	0.385	2.12	4	123.0	3,020.1	36.95	5.34
Inlet	6/2/2008	1.390	9.59	0.716	3.94	4	256.8	3,163.0	38.26	5.61
Inlet	6/12/2008	1.084	7.48	0.278	1.53	4	225.0	3,403.2	39.77	5.77
Inlet	6/19/2008	0.865	5.97	0.367	2.02	4	136.1	3,569.6	40.28	5.85
Inlet	6/23/2008	0.762	5.26	<RL	<RL	4	229.6	3,667.3	40.72	5.85
Inlet	7/3/2008	0.978	6.75	<RL	<RL	4	225.2	3,905.8	42.07	5.85
Inlet	7/8/2008	0.710	4.90	<RL	<RL	4	176.0	4,027.1	42.46	5.85
Inlet	7/17/2008	0.360	2.48	<RL	<RL	4	172.2	4,243.8	42.81	5.85
Inlet	8/4/2008	0.490	3.38	<RL	<RL	4	158.2	4,677.2	43.68	5.85
Inlet	8/11/2008	1.750	12.08	0.470	2.59	4	105.2	4,844.7	44.47	5.94
Inlet	8/18/2008	0.140	0.97	<RL	<RL	4	167.8	5,014.1	44.58	5.94
Inlet	8/25/2008	0.470	3.24	<RL	<RL	4	153.0	5,179.3	44.88	5.94
Inlet	9/2/2008	0.720	4.97	0.420	2.31	4	190.2	5,373.3	45.57	6.10
Inlet	9/11/2008	0.910	6.28	<RL	<RL	4	111.2	5,585.6	46.12	6.10
Inlet	9/19/2008	0.110	0.76	<RL	<RL	4	139.3	5,778.1	46.20	6.10
Inlet	9/23/2008	0.280	1.93	<RL	<RL	4	136.6	5,874.7	46.29	6.10
Inlet	9/30/2008	1.120	7.73	0.560	3.08	4	106.4	6,041.6	46.81	6.20
Inlet	10/6/2008	0.860	5.93	0.410	2.26	4	143.1	6,185.0	47.26	6.29
Inlet	10/13/2008	0.270	1.86	0.190	1.05	4	129.9	6,354.0	47.41	6.33
Inlet	10/15/2008	1.160	8.00	<RL	<RL	4	129.9	6,402.0	47.60	6.33
Inlet	10/21/2008	0.570	3.93	0.860	4.73	4	106.6	6,526.7	47.80	6.45
Inlet	10/30/2008	1.870	12.90	0.300	1.65	4	107.9	6,784.6	49.14	6.53
Inlet	11/4/2008	<RL	<RL	<RL	<RL	4	140.0	6,881.0	49.14	6.53
Inlet	11/10/2008	0.150	1.04	0.260	1.43	4	105.1	7,013.8	49.19	6.57
Inlet	11/19/2008	0.400	2.76	<RL	<RL	4	87.6	7,230.1	49.39	6.57
Inlet	11/26/2008	0.400	2.76	<RL	<RL	4	124.2	7,256.1	49.42	6.57
Inlet	11/28/2008	0.400	2.76	<RL	<RL	4	124.3	7,305.5	49.48	6.57
Inlet	5/13/2009	3.450	23.81	<RL	<RL	4	83.1	7,305.5	49.48	6.57
Inlet	5/22/2009	3.450	23.81	<RL	<RL	4	86.1	7,521.5	51.14	6.66
Inlet	5/27/2009	4.530	31.26	<RL	<RL	4	89.4	7,639.2	52.37	6.70
Inlet	6/1/2009	2.630	18.15	<RL	<RL	4	94.1	7,760.0	53.14	6.73
Inlet	6/8/2009	1.940	13.39	<RL	<RL	4	100.5	7,952.3	54.11	6.77
Inlet	6/15/2009	2.780	19.18	<RL	<RL	4	109.9	8,097.2	55.25	6.81

TABLE 4 (CONTINUED)
SUMMARY OF OPERATIONAL DATA AND MASS REMOVAL
1551 EAST ORANGETHORPE AVENUE, FULLERTON, CA

Sample ID	Date Sampled	Sample Concentration				Pipe Dia. inches	Flow Rate cfm	Cumulative Time hrs	Mass Removed	
		PCE ppmv	PCE µg/L	TCE ppmv	TCE µg/L				Cumulative PCE lbs	Cumulative TCE lbs
Inlet	6/22/2009	2.610	18.01	0.230	1.27	4	95.1	8,263.8	56.32	6.85
Inlet	6/29/2009	2.610	18.01	0.230	1.27	4	105.2	8,431.9	57.50	6.89
Inlet	7/9/2009	2.720	18.77	0.220	1.21	4	105.3	8,671.9	59.28	6.95
Inlet	7/15/2009	3.110	21.46	<RL	<RL	4	105.8	8,815.9	60.50	6.95
Inlet	7/21/2009	2.760	19.04	<RL	<RL	4	105.7	8,959.9	61.58	6.95
Inlet	7/28/2009	4.180	28.84	1.530	8.42	4	108.3	9,127.7	63.54	7.24
Inlet	8/4/2009	2.310	15.94	0.250	1.38	4	100.1	9,294.7	64.54	7.28
Inlet	8/11/2009	4.370	30.15	0.390	2.15	4	107.6	9,464.8	66.60	7.35
Inlet	8/21/2009	4.370	30.15	0.390	2.15	4	102.8	9,704.0	69.37	7.45
Inlet	8/28/2009	1.050	7.25	<RL	<RL	4	107.6	9,832.0	69.75	7.45
Inlet	9/3/2009	1.050	7.25	<RL	<RL	4	121.3	9,891.0	69.94	7.45
Inlet	9/8/2009	0 830	5.73	<RL	<RL	4	112.1	9,966.7	70.12	7.45
Inlet	9/17/2009	0.640	4.42	<RL	<RL	4	106.8	10,182.0	70.50	7.45
Inlet	9/24/2009	1.260	8.69	<RL	<RL	4	109.7	10,302.1	70.93	7.45
Inlet	10/1/2009	0.820	5.66	<RL	<RL	4	108.9	10,471.2	71.32	7.45
Inlet	1/8/2010	0.340	2.35	<RL	<RL	4	144.0	10,619.6	71.51	7.45
Inlet	1/25/2010	1.270	8.76	<RL	<RL	4	217.1	10,772.3	72.59	7.51
Inlet	2/4/2010	1.500	10.35	<RL	<RL	4	200.0	11,009.4	74.43	7.51
Inlet	2/9/2010	1.180	8.14	<RL	<RL	4	185.8	11,129.4	75.10	7.55
Inlet	2/24/2010	0.560	3.86	<RL	<RL	4	235.7	11,488.5	76.33	7.55
Inlet	7/20/2010	0.420	2.90	<RL	<RL	4	179.7	12,158.5	77.63	7.55
Inlet	7/30/2010	0.490	3.38	<RL	<RL	4	253.0	12,398.8	78.40	7.55
Inlet	8/6/2010	0.370	2.55	<RL	<RL	4	231.7	12,566.0	78.77	7.55
Inlet	8/12/2010	0.420	2.90	<RL	<RL	4	341.3	12,711.1	79.31	7.55
Inlet	8/20/2010	0.290	2.00	<RL	<RL	4	221.5	12,903.7	79.62	7.55
Inlet	8/26/2010	0.120	0.83	<RL	<RL	4	191.2	13,044.9	79.71	7.55
Inlet	8/30/2010	0.190	1.31	<RL	<RL	4	224.1	13,146.1	79.82	7.55
Inlet	9/8/2010	0.500	3.45	<RL	<RL	4	238.7	13,386.0	80.56	7.55
Inlet	11/11/2010	0.720	4.97	<RL	<RL	4	253.2	14,572.2	86.14	7.55
Inlet	1/10/2011	0.470	3.24	<RL	<RL	4	343.0	15,454.5	89.80	7.55
Inlet	*1/28/2011	0.652	4.50	<RL	<RL	4	351.2	15,809.1	91.90	7.55
Inlet	2/23/2011	0.753	5.20	<RL	<RL	4	508.0	16,005.7	93.84	7.55
Inlet	3/7/2011	0.900	6.21	<RL	<RL	4	438.0	16,290.7	102.34	7.55
Inlet	4/4/2011	0.530	3.66	<RL	<RL	4	379.5	16,962.8	105.83	7.55
Inlet	**4/11/2011	0.510	3.52	<RL	<RL	4	377.4	16,983.0	105.93	7.55
Inlet	**4/20/2011	0.510	3.52	<RL	<RL	4	369.9	16,983.6	105.93	7.55
Inlet	5/4/2011	0.304	2.09	<RL	<RL	4	379.5	17,196.8	106.63	7.55
Inlet	***5/9/2011	0.260	1.79	<RL	<RL	4	212.2	17,241.8	107.02	7.55
Inlet	***5/12/2011	0.260	1.79	<RL	<RL	4	212.2	17,255.8	107.11	7.55
Inlet	***5/24/2011	0.260	1.79	<RL	<RL	4	212.2	17,282.7	107.17	7.55
Inlet	***6/4/2011	0.260	1.79	<RL	<RL	4	212.2	17,283.4	107.21	7.55
Inlet	***6/9/2011	0.260	1.79	<RL	<RL	4	212.2	17.285.9	107.21	7.55
Inlet	****6/11/2011	--	--	--	--	4	--	--	--	--

Period is from 2/23/2011 - 6/9/2011

Hours system on this period: 1.477

Days system on this period: 62

Average flow rate this period (cfm): 322.1

Total pounds PCE removed this period: 15.3

Pounds PCE removed per day this period: 0.2

Notes:

* - System was shut down. Waiting for futher directions.

** - System off due to motor starter problem. Replaced and fixed on 4/20/11.

*** - Limited operation due to blower kept shutting off.

**** - System down due to blower replacement.

ppmv - parts per million volume

µg/L - micrograms per liter

cfm - cubic feet per minute

hrs - hours

lbs - pounds

General Notes

N
W E
S

*ADAPTED FROM GOOGLE MAPS 2008

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe
Fullerton, CA

Number
7115

Figure Details

SITE LOCATION MAP

Figure #
Figure 1

Revise Date
July 23, 2008

0' 2400'
Approximate Scale

Scale
1" = 2,400'

Company Information

Address
520 West 1st Street
Tustin, CA 92780

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(714) 730-5397

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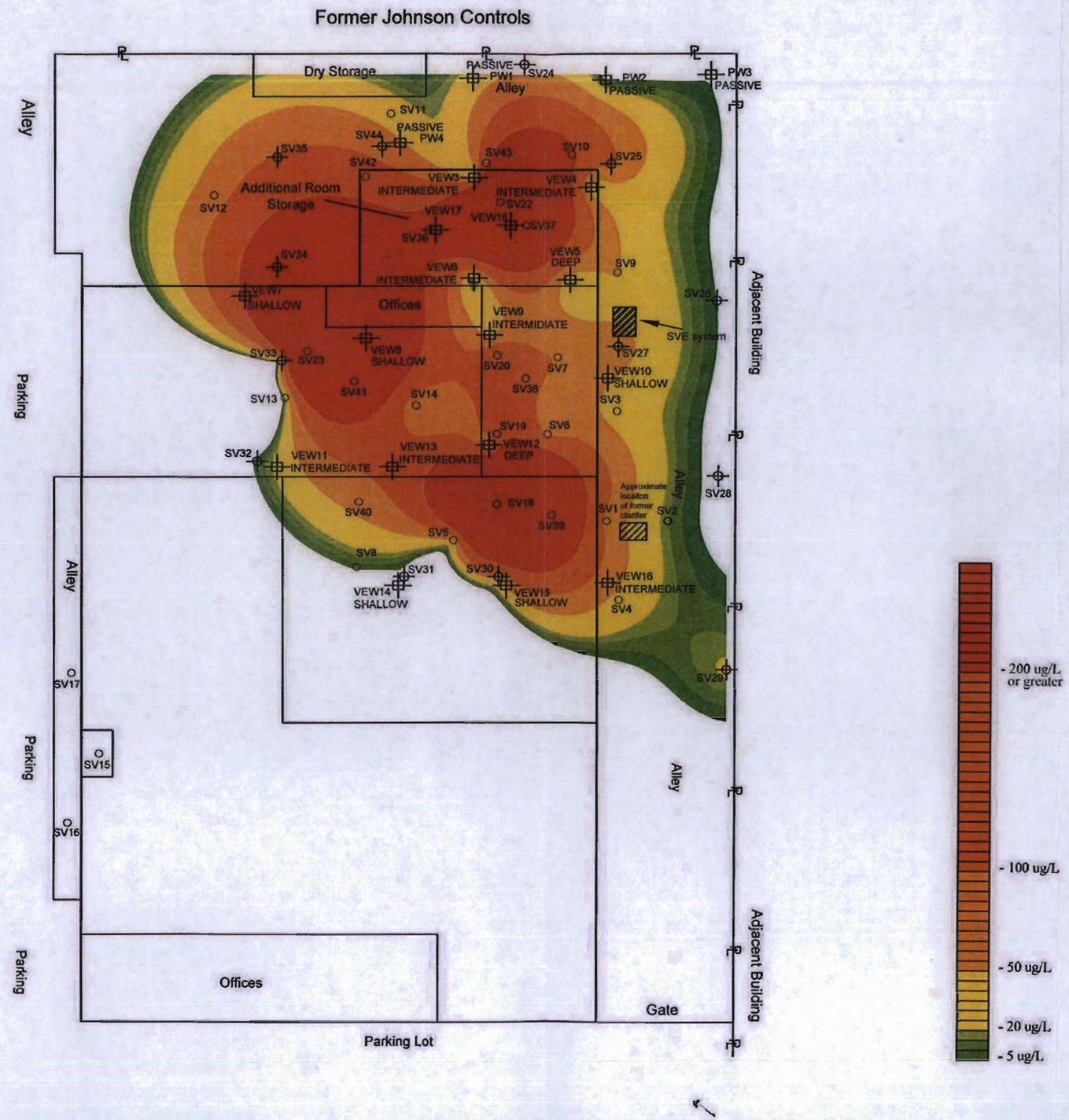
(714) 730-6476

THE REYNOLDS GROUP
ENVIRONMENTAL SERVICES



General Notes

- SHALLOW: -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5 and 12 to 15)
- -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, and 22 to 25 ft bgs)
- DEEP: -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- PASSIVE: -Passive Vapor Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- -Temporary Soil Vapor Probe Location
- - Soil Gas Location

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH PRE-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT SUB SLAB - 5 FT BGS

Figure #
Figure 2A

Revise Date
March 2009

0' 60'
Approximate Scale

Scale
1"=60'

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Fax
(714) 730-6476

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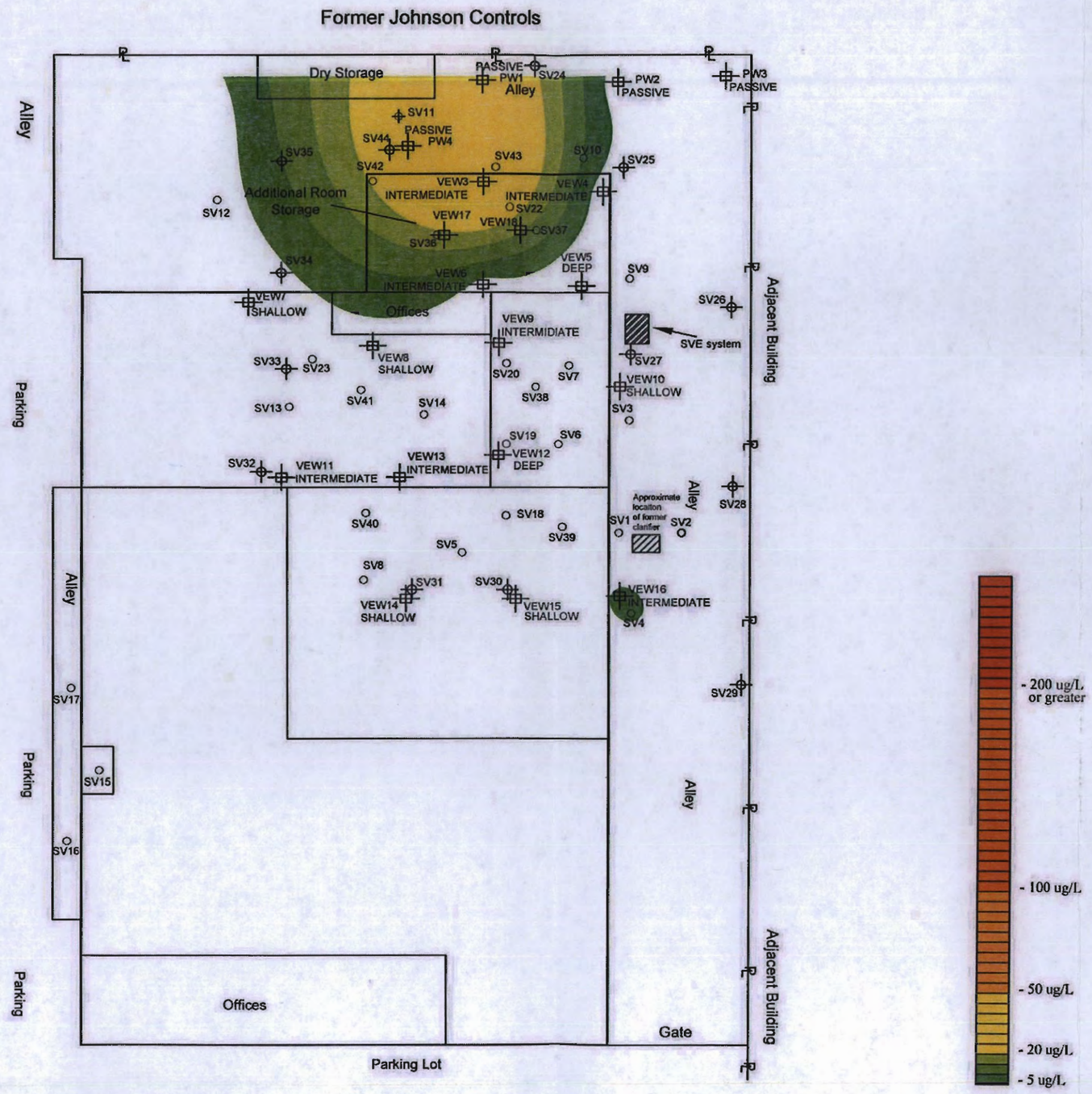

General Notes

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Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT SUB SLAB - 5 FT BGS (MARCH 2009)

Figure #
Figure 2B

Revise Date
March 2009

0' 60'
Approximate Scale

Scale
1" = 60'

Company Information

Address
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Tustin, CA 92780

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(714) 730-5397

Fax
(714) 730-6476

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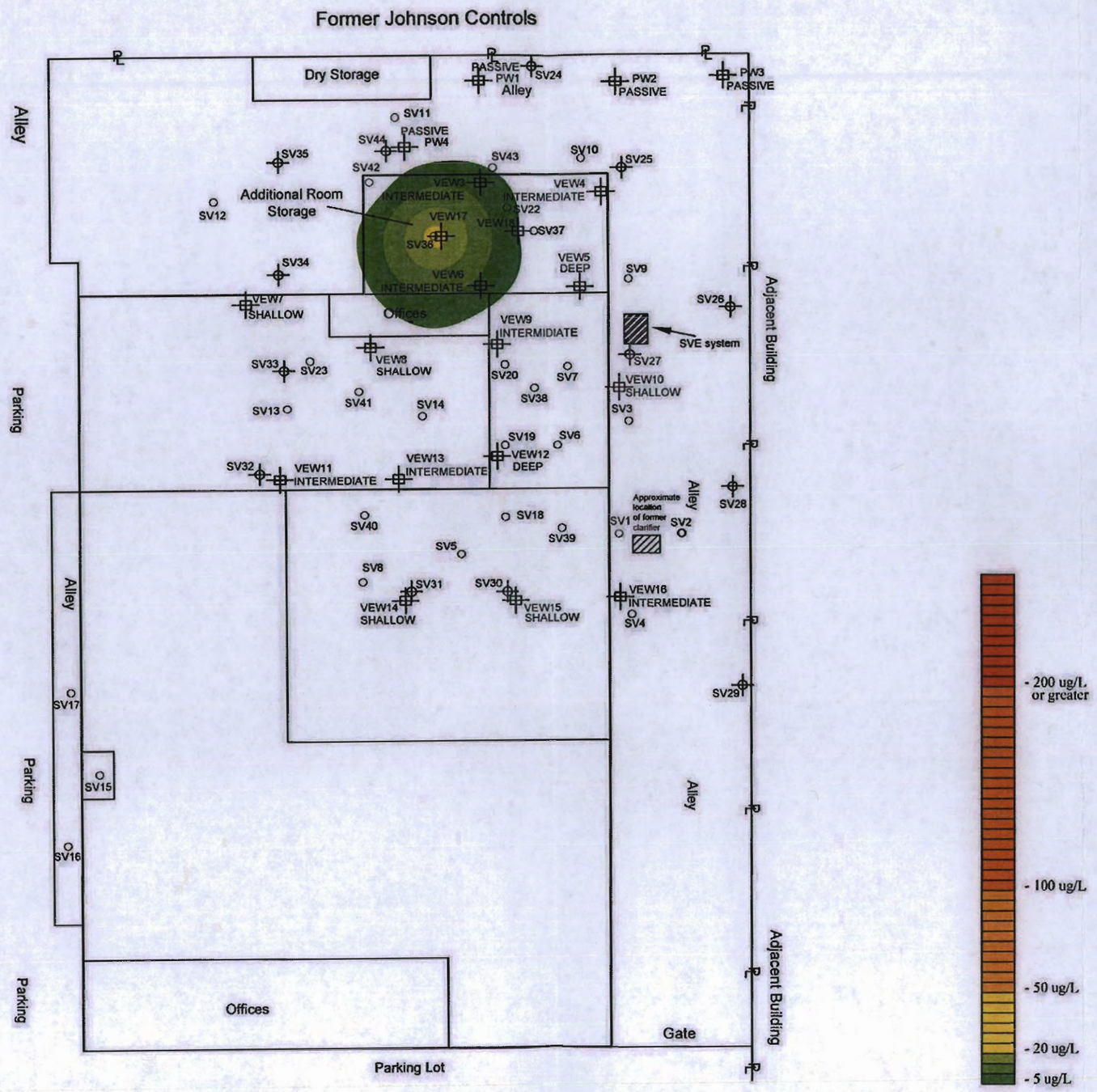

General Notes

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- O - Soil Gas Location

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT SUB SLAB - 5 FT BGS (NOVEMBER 2009)

Figure #
Figure 2C

Revise Date
November 2009

0' 60'
Approximate Scale

Scale
1"=60'

Company Information

Address
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Tustin, CA 92780

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(714) 730-6476

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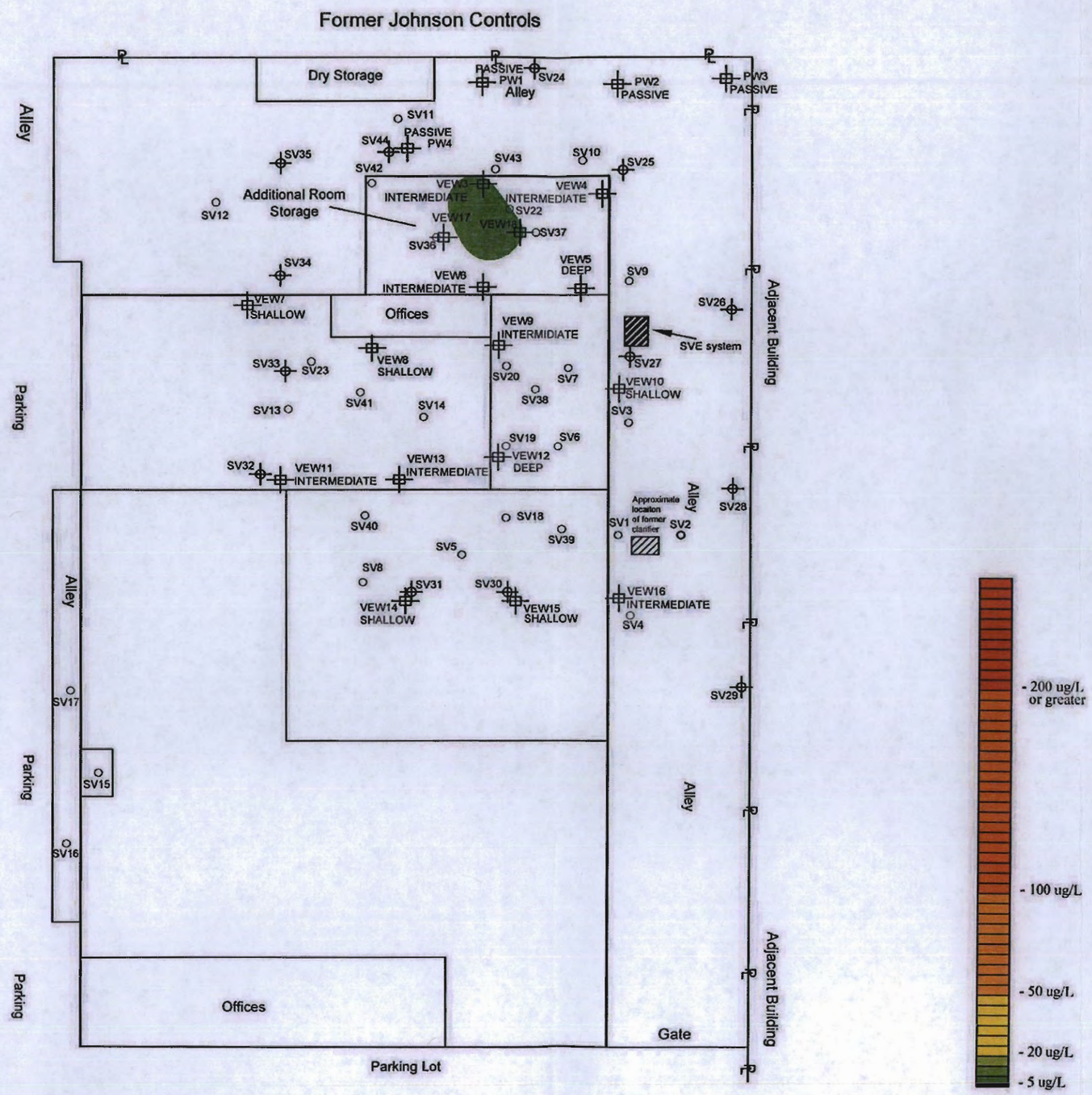

General Notes

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- - Soil Gas Location

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT SUB SLAB - 5 FT BGS (OCTOBER 2010)

Figure #
Figure 2D

Revise Date
December 2010

0' 60'
Approximate Scale

Scale
1" = 60'

Company Information

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(714) 730-6476

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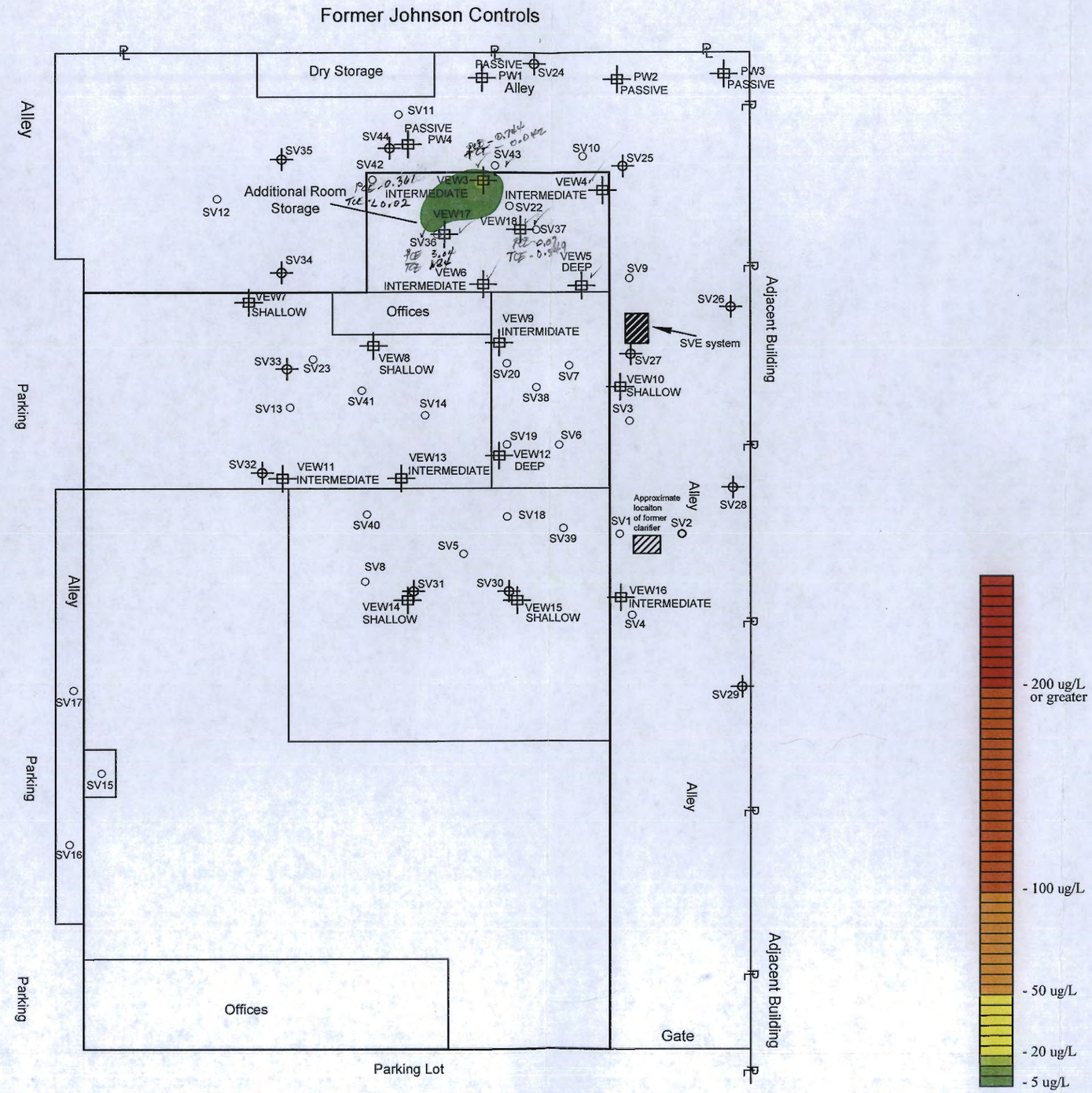

NORTH

General Notes

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Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT SUB SLAB - 5 FT BGS (June 2011)

Figure #
Figure 2E

Revise Date
July 2011

0' 60'
Approximate Scale

Scale
1" = 60'

Company Information

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520 West 1st Street
Tustin, CA 92780

Telephone
(714) 730-5397

Fax
(714) 730-6476

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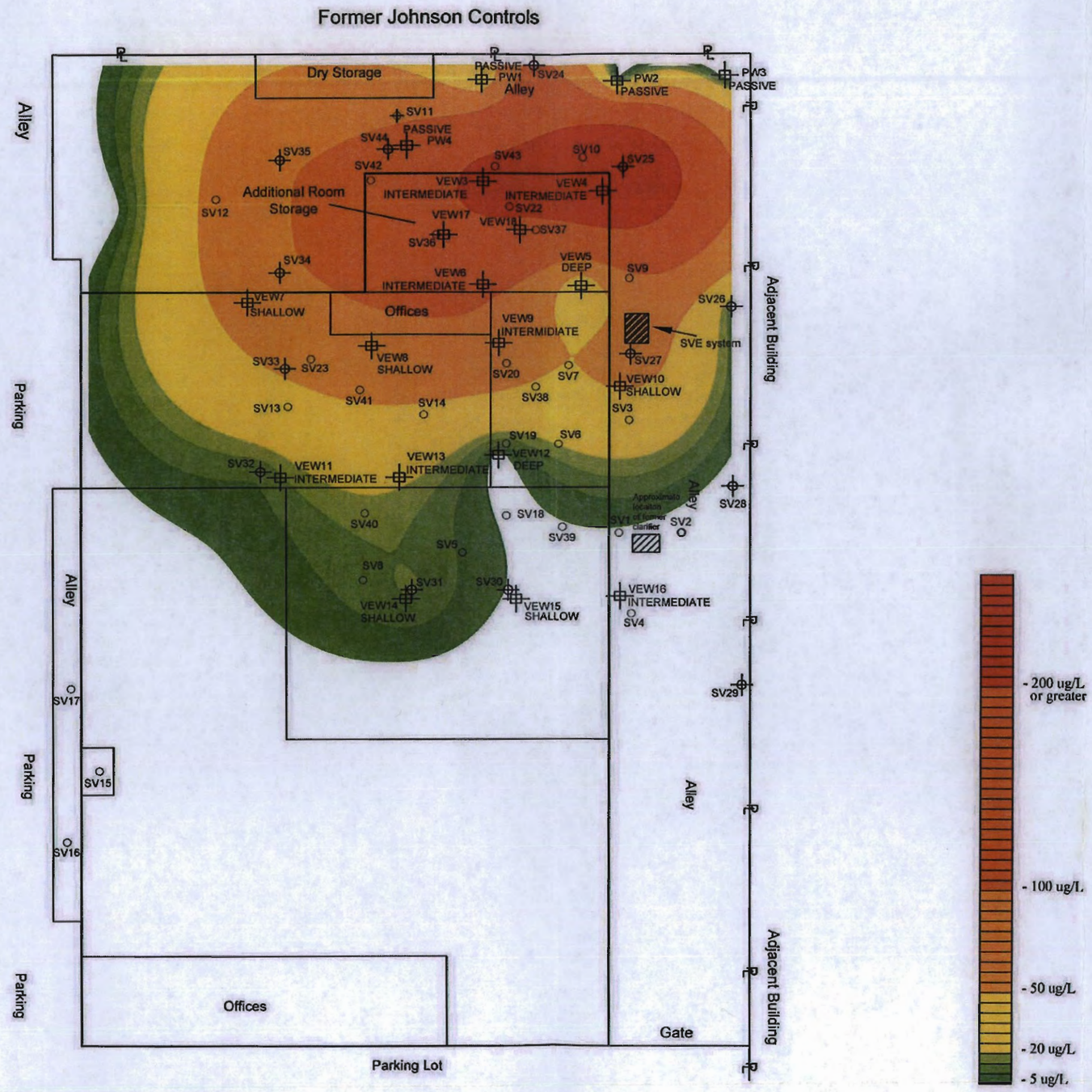

General Notes

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Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH PRE-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT 15 FT BGS

Figure #
Figure 3A

Revise Date
March 2009

0' 60'
Approximate Scale

Scale
1" = 60'

Company Information

Address
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Tustin, CA 92780

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Fax
(714) 730-6476

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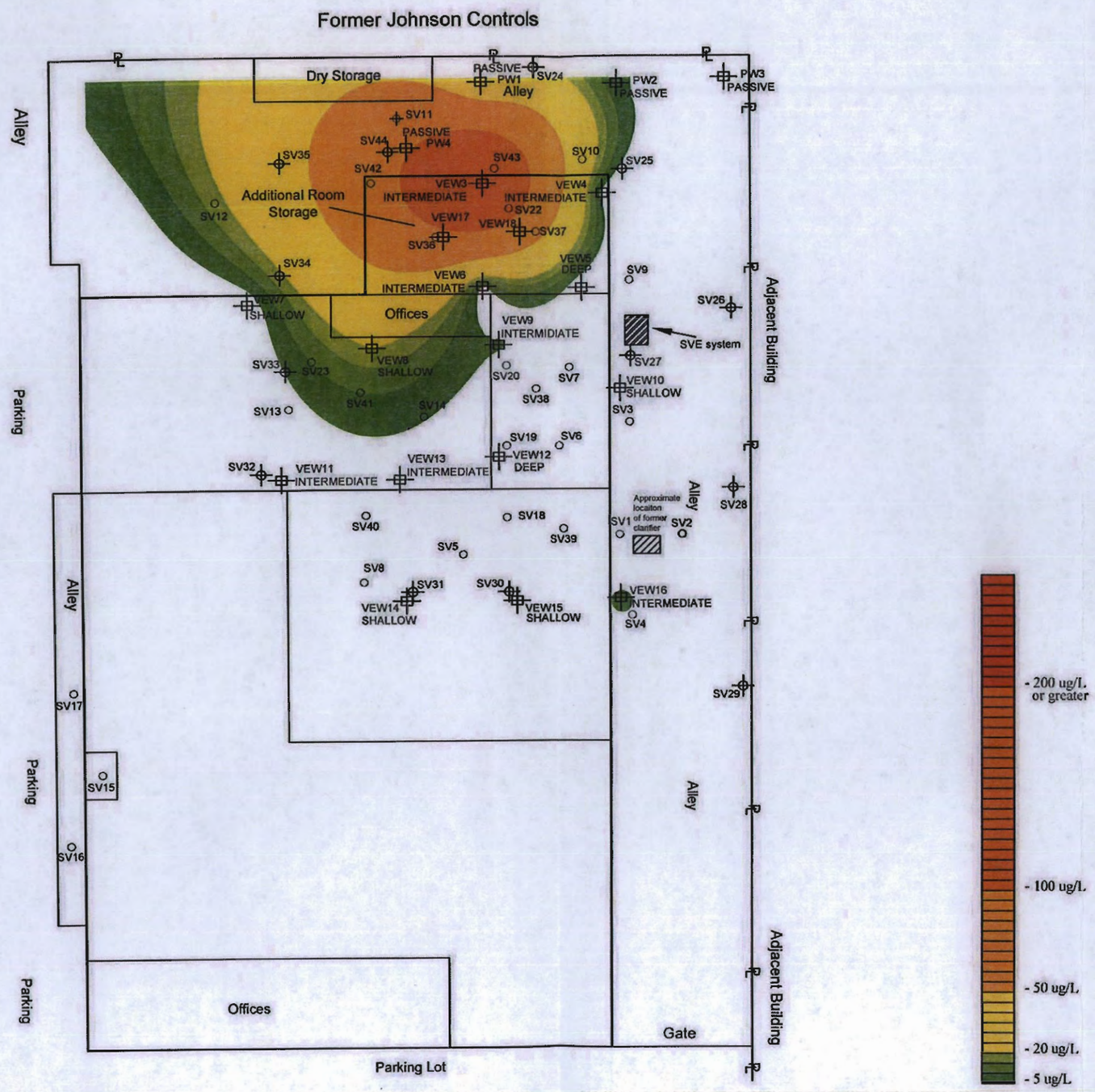
ENVIRONMENTAL SERVICES



NORTH

General Notes

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Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT 15 FT BGS (MARCH 2009)

Figure #
Figure 3B

Revise Date
March 2009

0' 60'
Approximate Scale

Scale
1" = 60'

Company Information

Address
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Tustin, CA 92780

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(714) 730-5397

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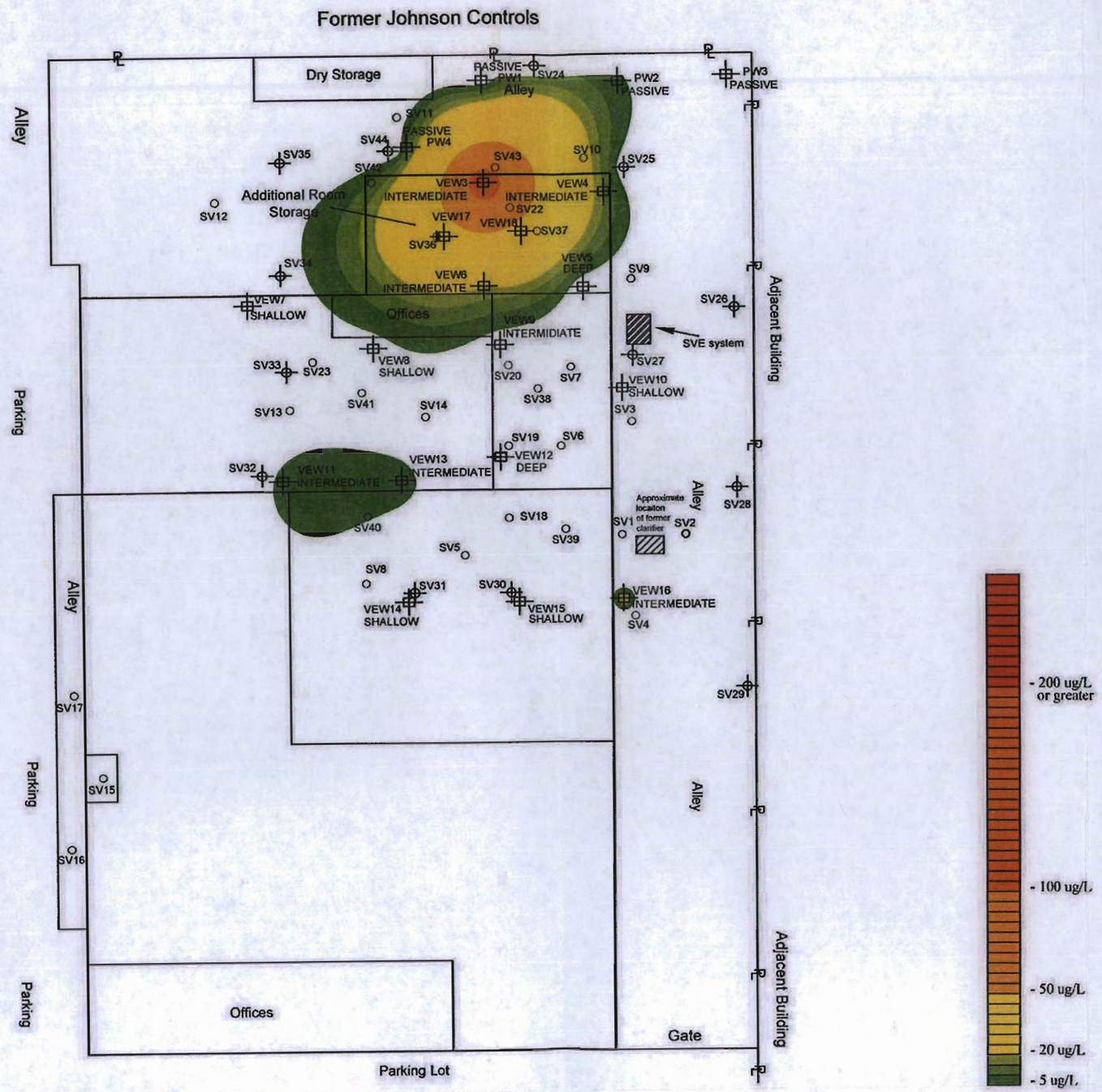
ENVIRONMENTAL SERVICES



General Notes

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Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT 15 FT BGS (NOVEMBER 2009)

Figure #
Figure 3C

Revise Date
November 2009

0' 60'
Approximate Scale

Scale
1"=60'

Company Information

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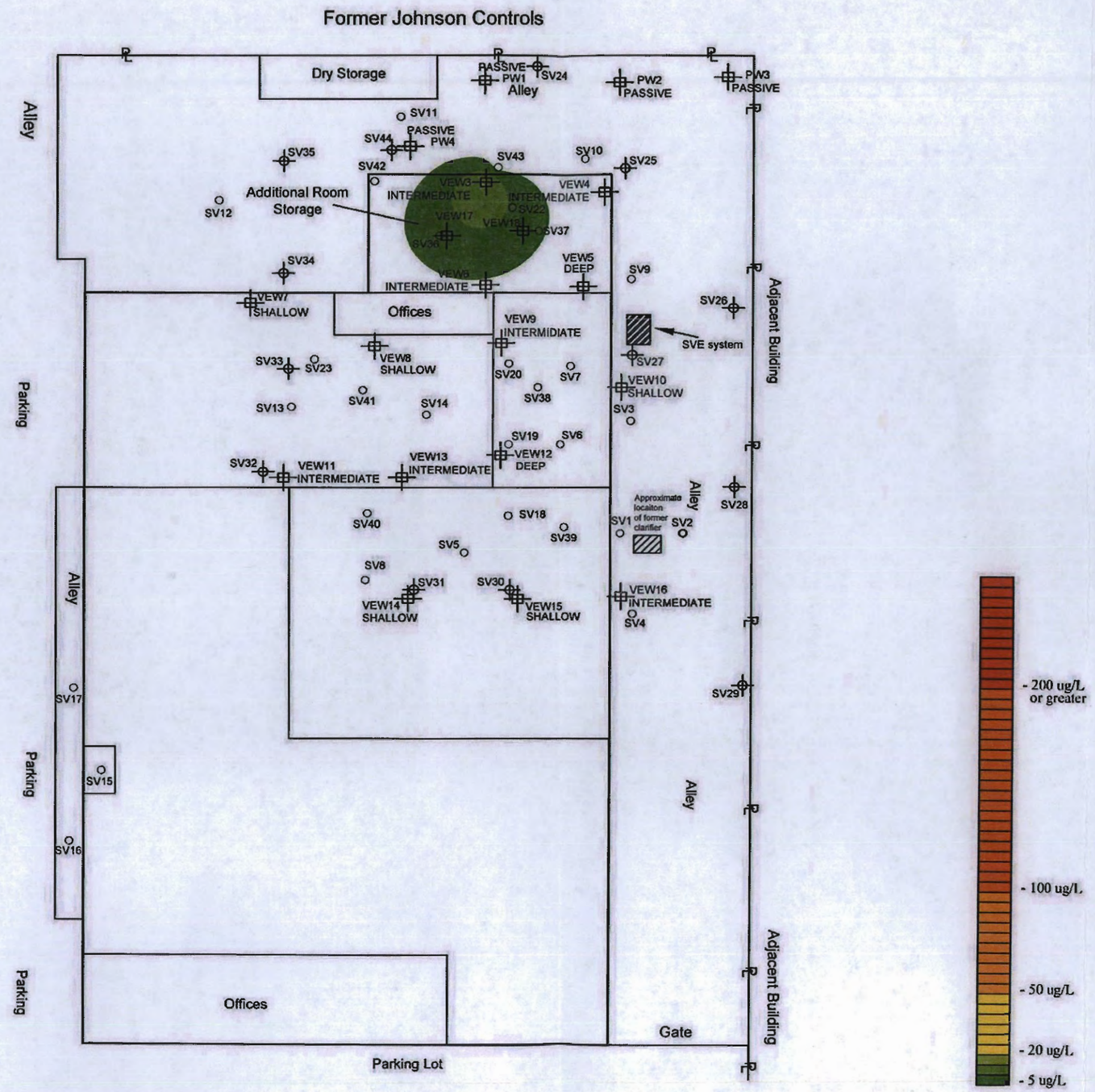
ENVIRONMENTAL SERVICES



General Notes

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Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT 15 FT BGS (OCTOBER 2010)

Figure #
Figure 3D

Revise Date
December 2010

0' 60'
Approximate Scale

Scale
1" = 60'

Company Information

Address
520 West 1st Street
Tustin, CA 92780

Telephone
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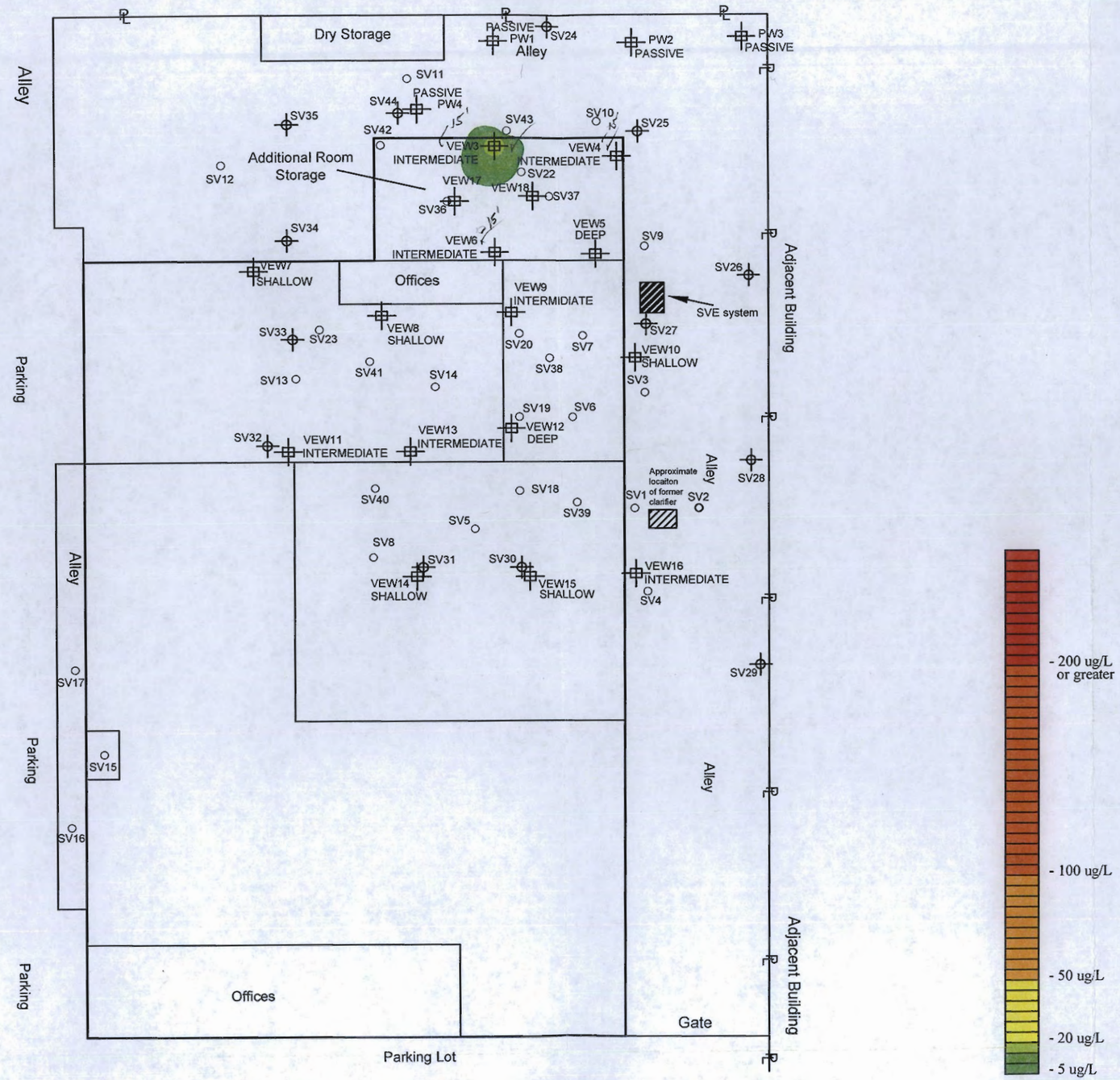
(714) 730-6476

THE REYNOLDS GROUP
ENVIRONMENTAL SERVICES

Former Johnson Controls



NORTH

General Notes

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- - Soil Gas Location

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT 15 FT BGS (June 2011)

Figure #
Figure 3E

Revise Date
July 2011

0' 60'
Approximate Scale

Scale
1" = 60'

Company Information

Address
520 West 1st Street
Tustin, CA 92780

Telephone
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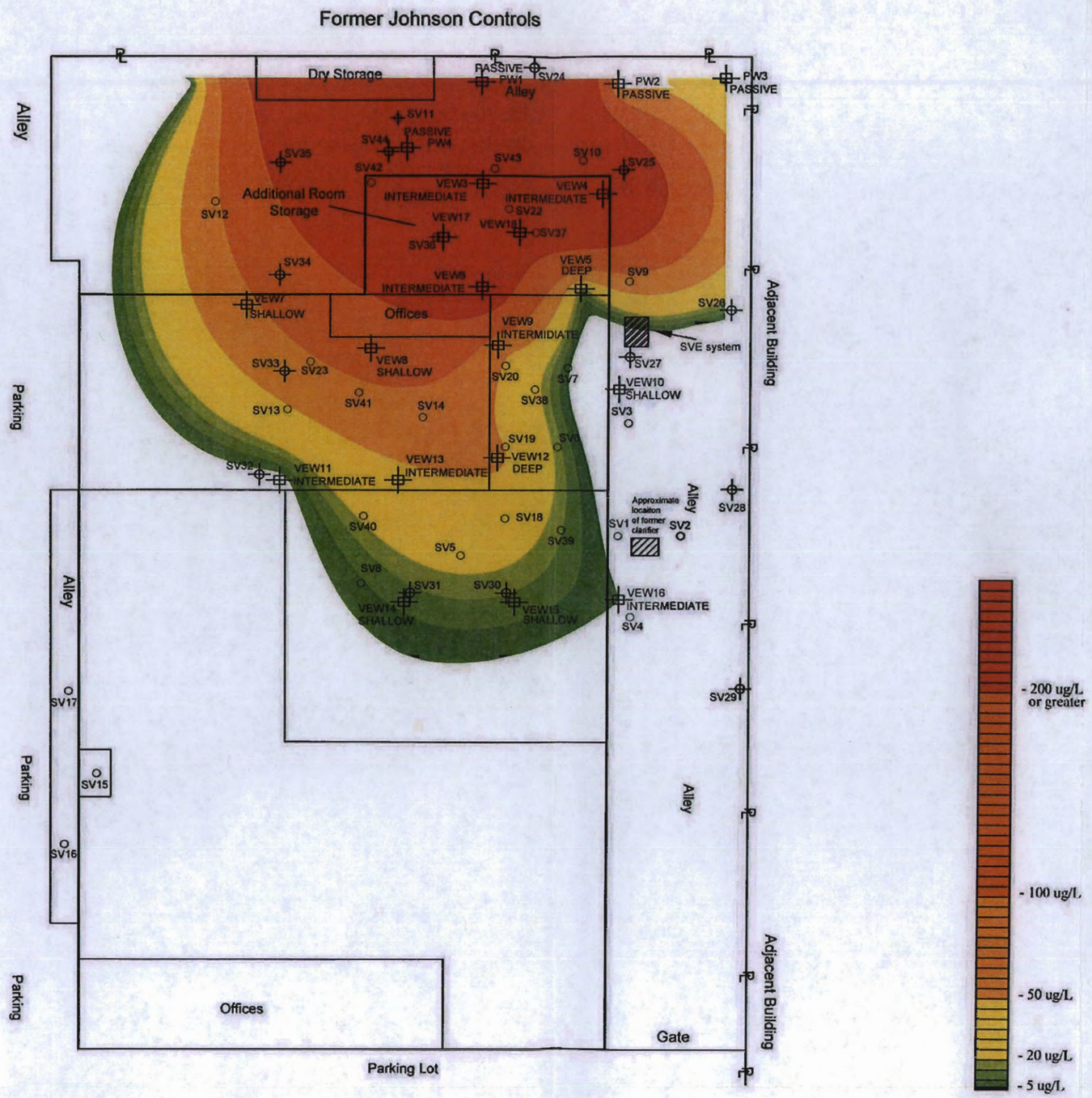
Fax
(714) 730-6476

THE REYNOLDS GROUP
ENVIRONMENTAL SERVICES



General Notes

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Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH PRE-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT 25 FT BGS

Figure #
Figure 4A

Revise Date
March 2009

0' 60'
Approximate Scale

Scale
1" = 60'

Company Information

Address
520 West 1st Street
Tustin, CA 92780

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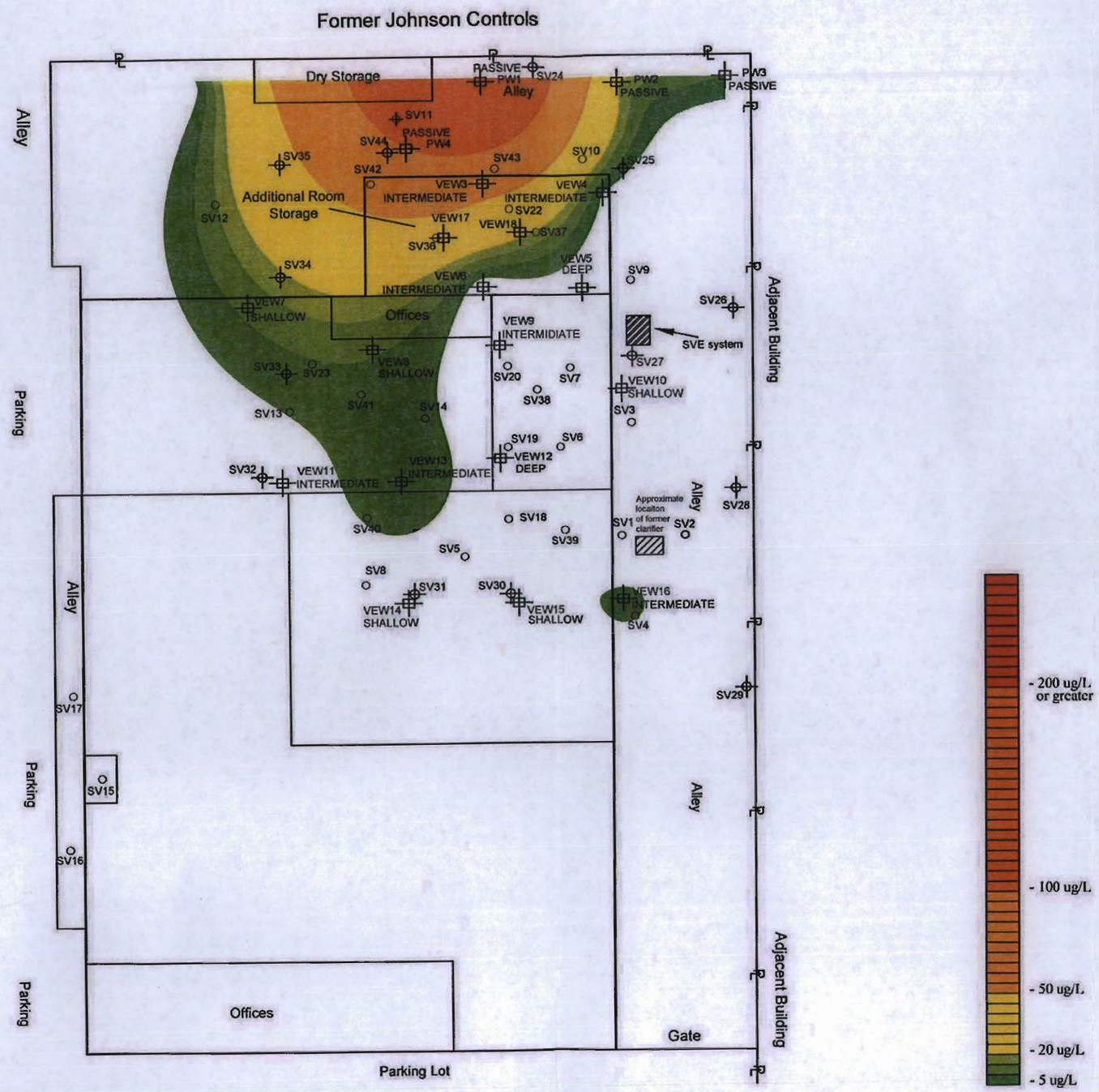
THE REYNOLDS GROUP
ENVIRONMENTAL SERVICES



NORTH

General Notes

- SHALLOW -Vapor Extraciton Well Locaiton (Multi-depth well screened at 2 to 5 and 12 to 15)
- -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, and 22 to 25 ft bgs)
- DEEP -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- PASSIVE -Passive Vapor Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- -Temporary Soil Vapor Probe Location
- - Soil Gas Location

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT 25 FT BGS (MARCH 2009)

Figure #
Figure 4B

Revise Date
March 2009

0' 60'
Approximate Scale

Scale
1" = 60'

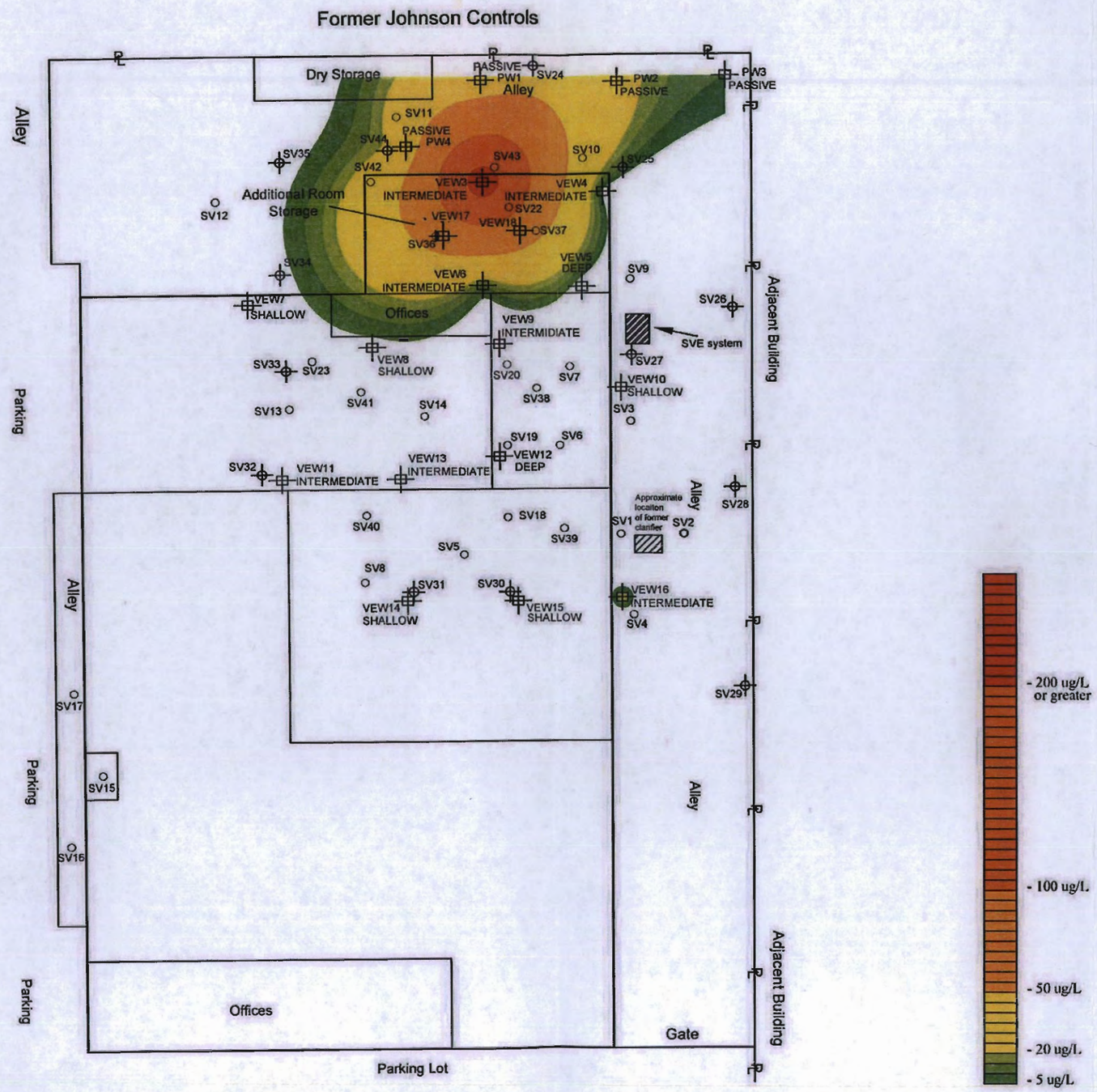
Company Information

Address
520 West 1st Street
Tustin, CA 92780

Telephone
(714) 730-5397

Fax
(714) 730-6476

THE REYNOLDS GROUP
ENVIRONMENTAL SERVICES



General Notes

- SHALLOW -Vapor Extraciton Well Locaiton (Multi-depth well screened at 2 to 5 and 12 to 15)
- -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, and 22 to 25 ft bgs)
- DEEP -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- PASSIVE -Passive Vapor Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- -Temporary Soil Vapor Probe Location
- Soil Gas Location

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT 25 FT BGS (NOVEMBER 2009)

Figure #
Figure 4C

Revise Date
November 2009

0' 60'
Approximate Scale

Scale
1" = 60'

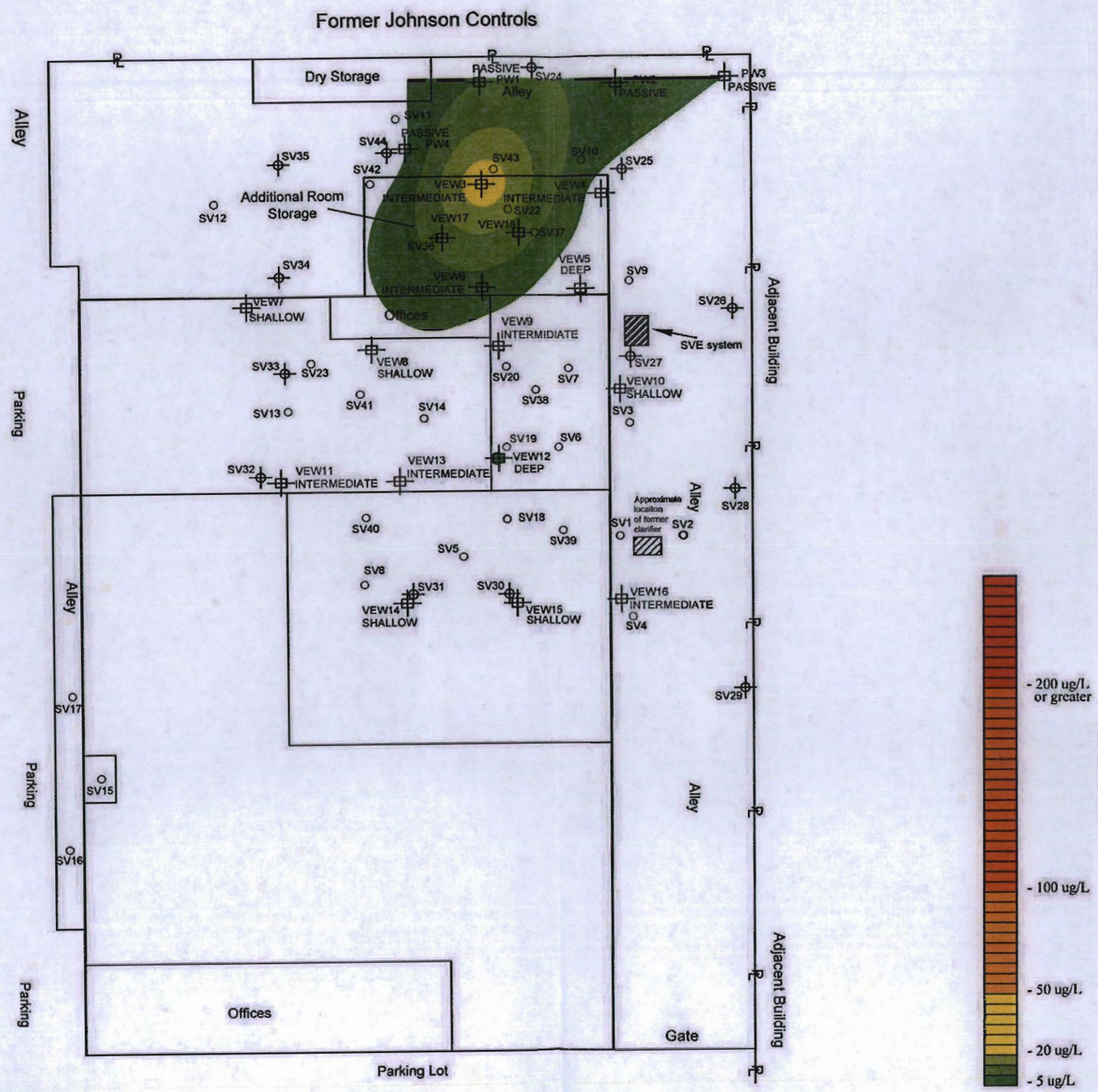
Company Information

Address
520 West 1st Street
Tustin, CA 92780

Telephone
(714) 730-5397

Fax
(714) 730-6476

THE REYNOLDS GROUP
ENVIRONMENTAL SERVICES



General Notes

- SHALLOW: -Vapor Extraciton Well Locaiton (Multi-depth well screened at 2 to 5 and 12 to 15)
- -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, and 22 to 25 ft bgs)
- DEEP: -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- PASSIVE: -Passive Vapor Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- -Temporary Soil Vapor Probe Location
- Soil Gas Location

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT 25 FT BGS (OCTOBER 2010)

Figure #
Figure 4D

Revise Date
December 2010

0' 60'
Approximate Scale

Scale
1" = 60'

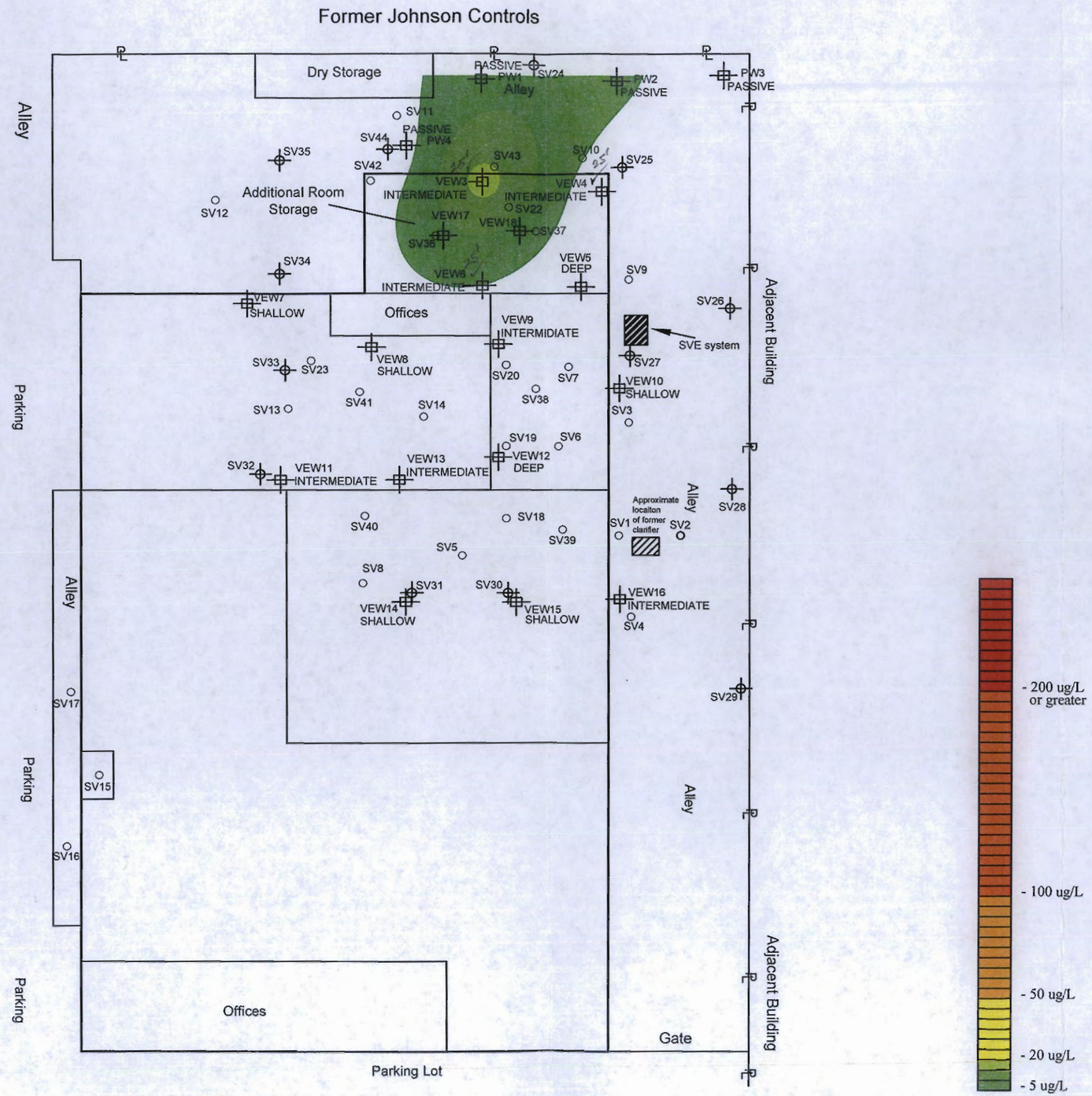
Company Information

Address
520 West 1st Street
Tustin, CA 92780

Telephone
(714) 730-5397

Fax
(714) 730-6476

THE REYNOLDS GROUP
ENVIRONMENTAL SERVICES



NORTH

General Notes

- SHALLOW: -Vapor Extraciton Well Locaiton (Multi-depth well screened at 2 to 5 and 12 to 15)
- -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, and 22 to 25 ft bgs)
- DEEP: -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- PASSIVE: -Passive Vapor Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- -Temporary Soil Vapor Probe Location
- - Soil Gas Location

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLAN WITH POST-REMEDIATION PCE SOIL VAPOR CONCENTRATION CONTOURS AT 25 FT BGS (June 2011)

Figure #
Figure 4E

Revise Date
July 2011

0' 60'
Approximate Scale

Scale
1" = 60'

Company Information

Address
520 West 1st Street
Tustin, CA 92780

Telephone
(714) 730-5397

Fax
(714) 730-6476

THE REYNOLDS GROUP
ENVIRONMENTAL SERVICES

Figure 5 - Cumulative PCE & TCE Removed over Time

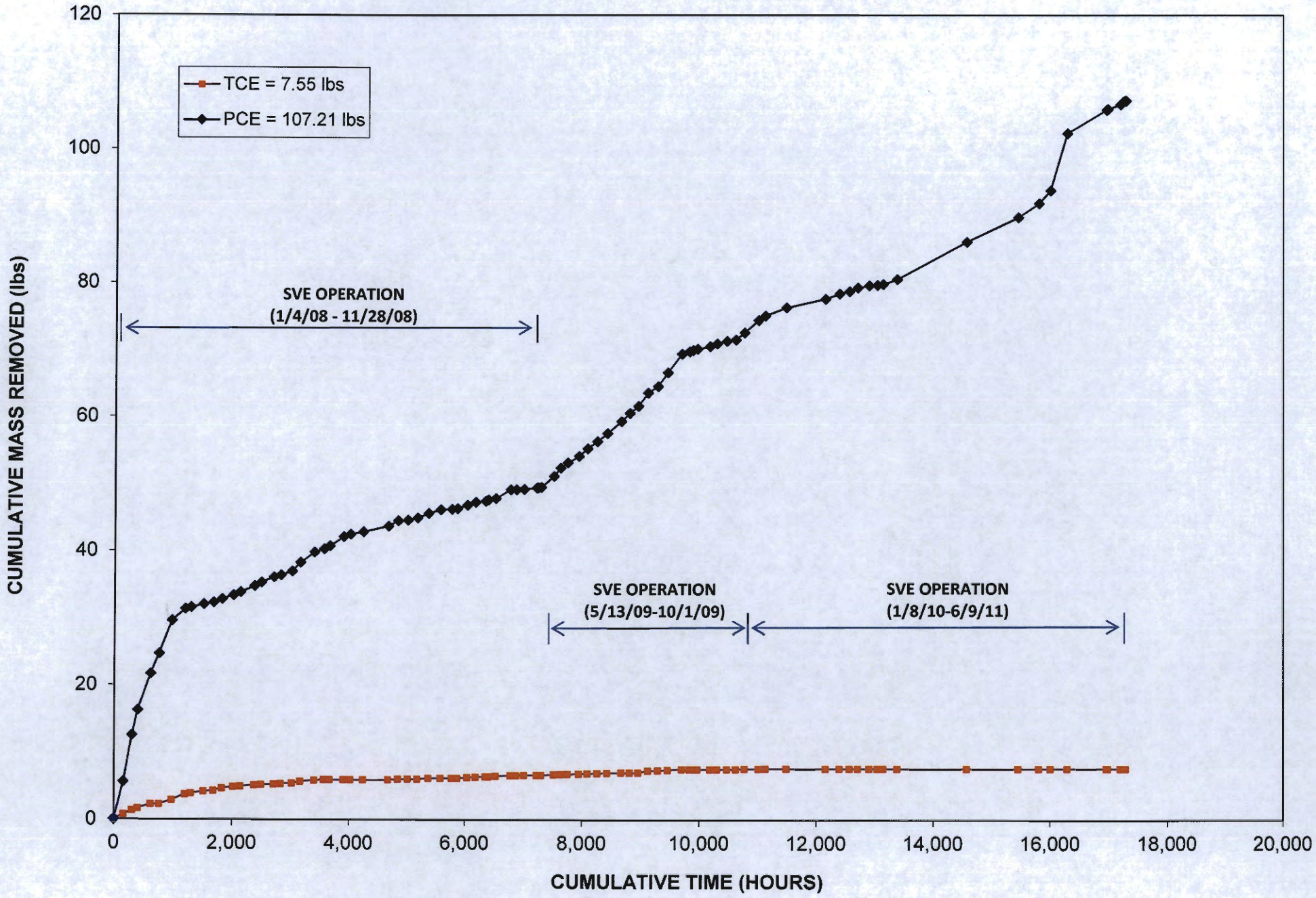
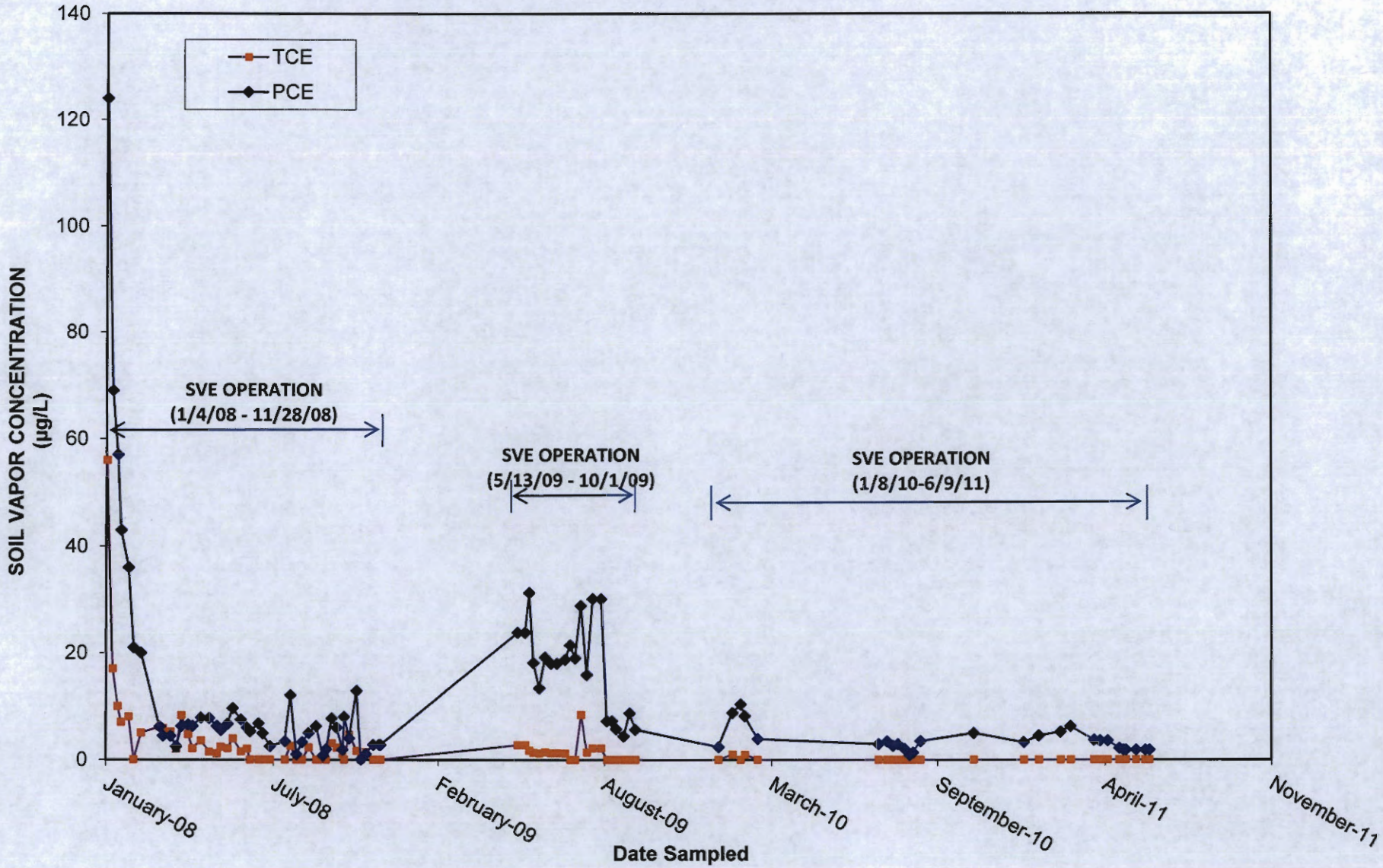
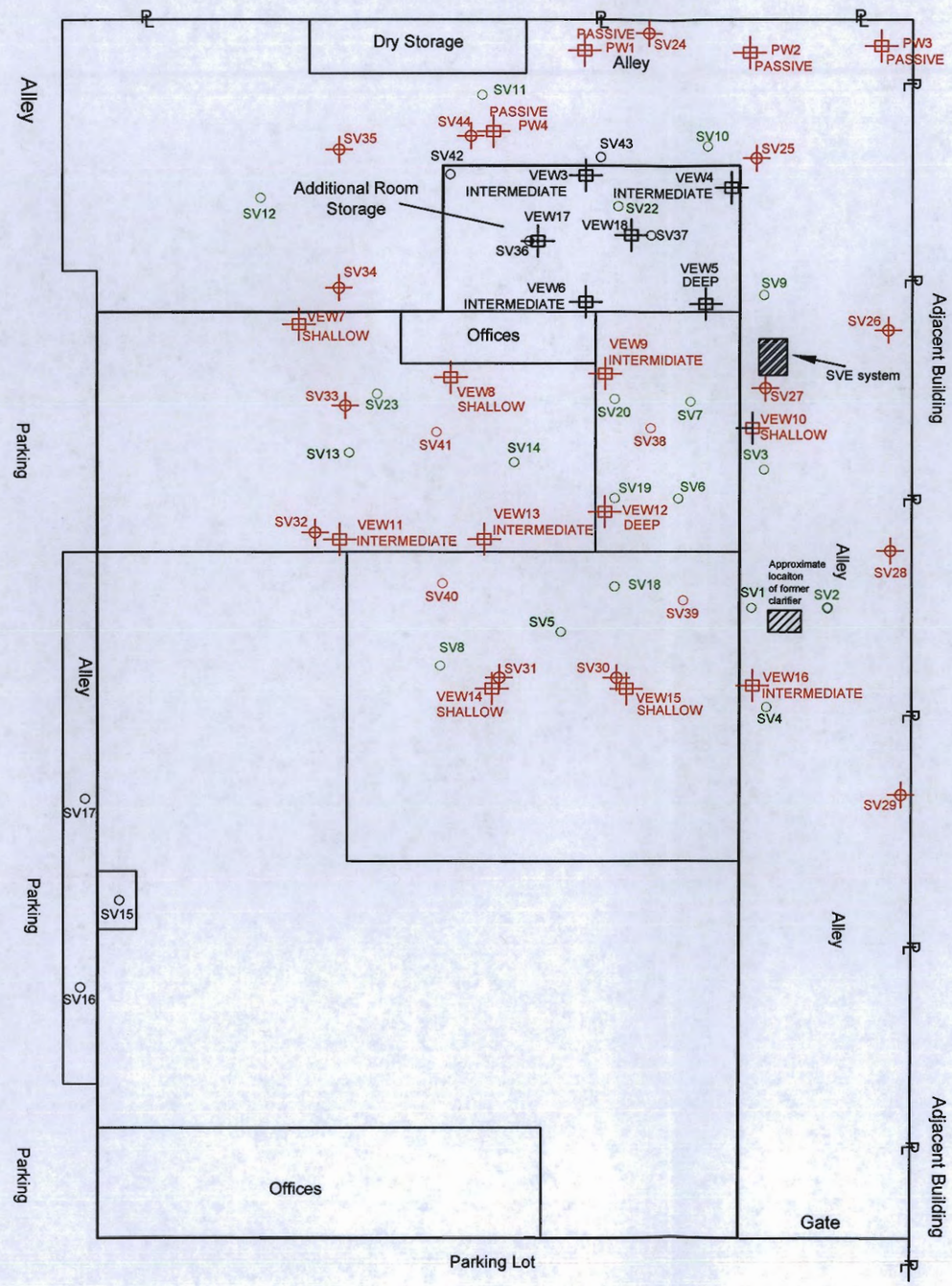


FIGURE 6 - Inlet PCE & TCE Vapor Concentrations (µg/L) Over Time



Former Johnson Controls



NORTH

General Notes

- SHALLOW — -Vapor Extraciton Well Locaiton (Multi-depth well screened at 2 to 5 and 12 to 15)
- -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, and 22 to 25 ft bgs)
- DEEP — -Vapor Extraction Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- PASSIVE — -Passive Vapor Well Location (Multi-depth well screened at 2 to 5, 12 to 15, 22 to 25, 45 to 60 ft bgs)
- -Soil Vapor Probe Location
- - Soil Gas Location (Temporary)
- Proposed Wells to be Abandoned In RED

Project Details

Name
Universal Fullerton

Address
1551 E. Orangethorpe Ave.
Fullerton, CA

Number
7115

Figure Details

SITE PLOT PLAN WITH PROPOSED WELLS AND PROBES TO BE ABANDONED

Figure #
Figure 7

Revise Date
July 2011

0' 60'
Approximate Scale

Scale
1" = 60'

Company Information

Address
520 West 1st Street
Tustin, CA 92780

Telephone
(714) 730-5397

Fax
(714) 730-6476

THE REYNOLDS GROUP
ENVIRONMENTAL SERVICES

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

May 11, 2011 ELAP Certificate No: 2268

Mr. Alejandro Fuan
The Reynolds Group
520 West 1st St.
Tustin, CA 92781

Project: 7115 Universal
C&E ID: 110509A

Dear Mr. Fuan,

Enclosed is an analytical report for the sample(s) received by Chemical & Environmental Laboratories, Inc. on May 9, 2011, and analyzed as indicated in the chain-of-custody attached.

Unless otherwise noted, no problems were encountered during receiving, preparation and analysis of these samples.

Please call me at (562) 921-8123 if you have any questions regarding this report.

Sincerely,

Larry Zhang, Ph.D.
Laboratory Director

14148 E. Firestone Blvd., Santa Fe Springs, CA 90670 Tel: 562 921-8123, Fax: 562 921-7974

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8260B (VOCs) ---

Client Name:	The Reynolds Group	Date Sampled:	05/09/11
Project Manager:	Alejandro Fuan	Date Analyzed:	05/09/11
Project Name:	7115 Universal	Date Reported:	05/10/11
Sample Matrix:	Vapor	Unit Reported:	ppm v

C&E LAB ID	110509A-1		110509A-2		110509A-3		110509A-4		110509A-5	
SAMPLE ID	INLET		OUTLET		VEW-17-5		VEW-18-5		VEW-3-5	
DF	1		1		1		1		1	
COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Acetone	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Benzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Bromodichloromethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Bromoform	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
Bromomethane	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
2-Butanone (MEK)	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
Carbon Disulfide	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
Carbon Tetrachloride	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Chlorobenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Chloroethane	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
Chloroform	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Chloromethane	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
Cyclohexane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Dibromochloromethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,2-Dibromo-3-Chloropropane	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
1,2-Dihromoethane	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
1,2-Dichlorobenzene	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
1,3-Dichlorobenzene	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
1,4-Dichlorobenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Dichlorodifluoromethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,1-Dichloroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,2-Dichloroethane	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
1,1-Dichloroethene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
cis-1,2-Dichloroethene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
trans-1,2-Dichloroethene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,2-Dichloropropane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05

To be continued on page 2

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8260B (VOCs) ---

Client Name:	The Reynolds Group	Date Sampled:	05/09/11
Project Manager:	Alejandro Fuan	Date Analyzed:	05/09/11
Project Name:	7115 Universal	Date Reported:	05/10/11
Sample Matrix:	Vapor	Unit Reported:	ppm v

C&E LAB ID	110509A-1		110509A-2		110509A-3		110509A-4		110509A-5	
SAMPLE ID	INLET		OUTLET		VEW-17-5		VEW-18-5		VEW-3-5	
DF	1		1		1		1		1	
COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
trans-1,3-Dichloropropene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
cis-1,3-Dichloropropene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Ethylbenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
2-Hexanone	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Methyl Acetate	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Methylcyclohexane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Methylene Chloride	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
4-Methyl-2-Pentanone	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Styrene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Isopropylbenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
4-Isopropyltoluene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,1,2,2-Tetrachloroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Tetrachloroethene	0.26	0.05	ND	0.05	ND	0.05	ND	0.05	1.99	0.05
Toluene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,2,4-Trichlorobenzene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,1,1-Trichloroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
1,1,2-Trichloroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Trichloroethene	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Trichlorofluoromethane	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
1,1,2-Trichlorotrifluoroethane	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Vinyl Chloride	ND	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
Total Xylenes	ND	0.05	ND	0.05	ND	0.05	ND	0.05	ND	0.05

Surrogate Compounds	% Surrogate Recovery (70-130)				
Dibromofluoromethane	107	109	108	106	110
1,2-Dichloroethane-d4	98	100	101	101	98
Toluene-D8	98	97	98	98	97
4-Bromofluorobenzene	96	95	97	97	96

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit

MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8260B (VOCs) ---

Client Name:	The Reynolds Group	Date Sampled:	05/09/11
Project Manager:	Alejandro Fuan	Date Analyzed:	05/09/11
Project Name:	7115 Universal	Date Reported:	05/10/11
Sample Matrix:	Vapor	Unit Reported:	ppm v

C&E LAB ID	110509A-6								
SAMPLE ID	VEW-3-15								
DF	1								
COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Acetone	ND	0.05								
Benzene	ND	0.05								
Bromodichloromethane	ND	0.05								
Bromoform	ND	0.25								
Bromomethane	ND	0.25								
2-Butanone (MEK)	ND	0.25								
Carbon Disulfide	ND	0.25								
Carbon Tetrachloride	ND	0.05								
Chlorobenzene	ND	0.05								
Chloroethane	ND	0.25								
Chloroform	ND	0.05								
Chloromethane	ND	0.25								
Cyclohexane	ND	0.05								
Dibromochloromethane	ND	0.05								
1,2-Dibromo-3-Chloropropane	ND	0.25								
1,2-Dibromoethane	ND	0.25								
1,2-Dichlorobenzene	ND	0.25								
1,3-Dichlorobenzene	ND	0.25								
1,4-Dichlorobenzene	ND	0.05								
Dichlorodifluoromethane	ND	0.05								
1,1-Dichloroethane	ND	0.05								
1,2-Dichloroethane	ND	0.25								
1,1-Dichloroethene	1.21	0.05								
cis-1,2-Dichloroethene	ND	0.05								
trans-1,2-Dichloroethene	ND	0.05								
1,2-Dichloropropane	ND	0.05								

To be continued on page 2

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8260B (VOCs) ---

Client Name:	The Reynolds Group	Date Sampled:	05/09/11
Project Manager:	Alejandro Fuan	Date Analyzed:	05/09/11
Project Name:	7115 Universal	Date Reported:	05/10/11
Sample Matrix:	Vapor	Unit Reported:	ppm v

C&E LAB ID	110509A-6									
SAMPLE ID	VEW-3-15									
DF	1									
COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
trans-1,3-Dichloropropene	ND	0.05								
cis-1,3-Dichloropropene	ND	0.05								
Ethylbenzene	ND	0.05								
2-Hexanone	ND	0.05								
Methyl Acetate	ND	0.05								
Methylcyclohexane	ND	0.05								
Methylene Chloride	ND	0.05								
4-Methyl-2-Pentanone	ND	0.05								
Styrene	ND	0.05								
Isopropylbenzene	ND	0.05								
4-Isopropyltoluene	ND	0.05								
1,1,2,2-Tetrachloroethane	ND	0.05								
Tetrachloroethene	21.59	0.05								
Toluene	ND	0.05								
1,2,4-Trichlorobenzene	ND	0.05								
1,1,1-Trichloroethane	ND	0.05								
1,1,2-Trichloroethane	ND	0.05								
Trichloroethene	0.86	0.05								
Trichlorofluoromethane	ND	0.25								
1,1,2-Trichlorotrifluoroethane	ND	0.05								
Vinyl Chloride	ND	0.25								
Total Xylenes	ND	0.05								
Surrogate Compounds	% Surrogate Recovery (70-130)									
Dibromofluoromethane	110									
1,2-Dichloroethane-d4	99									
Toluene-D8	96									
4-Bromofluorobenzene	94									

ND = Not detected at the indicated reporting limit, DF = Dilution Factor, RL = Reporting limit
MI = Matrix Interference, unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 8260B (VOC in Vapor) ---

I. Laboratory Control Sample

Date Analyzed: 05/09/11
LCS ID: VOC110509LC

ANALYTE	LCS %	ACP %CL
1,1-Dichloroethene	110	70-130
Benzene	95	70-130
Trichloroethene	102	70-130
Toluene	98	70-130
Chlorobenzene	101	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 05/09/11
QC Batch: VOC110509MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
1,1-Dichloroethene	96	116	19	70-130	20
Benzene	93	95	2	70-130	20
Trichloroethene	101	103	2	70-130	20
Toluene	98	100	2	70-130	20
Chlorobenzene	100	103	3	70-130	20

III. Method Blank

Date Analyzed: 05/09/11

Unit: ppm v

COMPOUND	Reporting Limit	RESULT
Acetone	0.05	ND
Benzene	0.05	ND
Bromodichloromethane	0.05	ND
Bromoform	0.25	ND
Bromomethane	0.25	ND
2-Butanone (MEK)	0.25	ND
Carbon Disulfide	0.25	ND
Carbon Tetrachloride	0.05	ND
Chlorobenzene	0.05	ND
Chloroethane	0.25	ND
Chloroform	0.05	ND
Chloromethane	0.25	ND
Cyclohexane	0.05	ND
Dibromochloromethane	0.05	ND
1,2-Dibromo-3-Chloropropane	0.25	ND
1,2-Dibromoethane	0.25	ND

COMPOUND	Reporting Limit	RESULT
1,2-Dichlorobenzene	0.25	ND
1,3-Dichlorobenzene	0.25	ND
1,4-Dichlorobenzene	0.05	ND
Dichlorodifluoromethane	0.05	ND
1,1-Dichloroethane	0.05	ND
1,2-Dichloroethane	0.25	ND
1,1-Dichloroethene	0.05	ND
cis-1,2-Dichloroethene	0.05	ND
trans-1,2-Dichloroethene	0.05	ND
1,2-Dichloropropane	0.05	ND
trans-1,3-Dichloropropene	0.05	ND
cis-1,3-Dichloropropene	0.05	ND
Ethylbenzene	0.05	ND
2-Hexanone	0.05	ND
Methyl Acetate	0.05	ND
Methylcyclohexane	0.05	ND

COMPOUND	Reporting Limit	RESULT
Methylene Chloride	0.05	ND
4-Methyl-2-Pentanone	0.05	ND
Styrene	0.05	ND
Isopropylbenzene	0.05	ND
4-Isopropyltoluene	0.05	ND
1,1,2,2-Tetrachloroethane	0.05	ND
Tetrachloroethene	0.05	ND
Toluene	0.05	ND
1,2,4-Trichlorobenzene	0.05	ND
1,1,1-Trichloroethane	0.05	ND
1,1,2-Trichloroethane	0.05	ND
Trichloroethene	0.05	ND
Trichlorofluoromethane	0.25	ND
1,1,2-Trichlorotrifluoroethane	0.05	ND
Vinyl Chloride	0.25	ND
Total Xylenes	0.05	ND

Surrogate Compounds	% Surr. Rec. (70-130)
Dibromofluoromethane	105
1,2-Dichloroethane-d4	97
Toluene-D8	98
4-Bromofluorobenzene	98

ND = Not detected at the indicated reporting limit.

14148 E. Firestone Blvd., Santa Fe Springs, CA 90670 Tel: 562 921-8123, Fax: 562 921-7974

CHAIN OF CUSTODY RECORD

C&E LAB ID: 110509A

C & E LABORATORIES, INC.
14148 E. Firestone Blvd., Santa Fe Springs, CA 90670 Tel: (562) 921-8123 Fax: (562) 921-7974

Company Name: TRG
Project Manager: AL FLAN
Project No./Name: 7115 UNIVERSAL
Tel: Fax:
Site Address: 1551 E ORANGETHORPE AVE FULLERTON CA
Sampled By: RB

Page 1 of 1
Sample Conditions
__ Chilled ✓ Seals Intact
Turn Around Time Desired
Normal / Same Day / 24hr / 48hr

	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	SAMPLE MATRIX (air/soil/water)	NO. OF CONTAINERS/ TYPE	GC/MS TPH-G	8015M TPH-D	418.1 TRPH	8260B BTEX OXY.	8260B VOC	CAM METALS	8270C SVOC	6010B LEAD	8081A PEST	8082 PCB
1	INLET	5-9-11	8:15	AIR	1 LTEDLAR										
2	OUTLET	↓	8:10	↓	↓										
3	VEW-17-5		9:10												
4	VEW-18-5		9:11												
5	VEW-3-5		9:20												
6	VEW-3-15		9:25												

Relinquished By:	Date/Time:	Received By:	Date/Time:	EDF Required: (circle) Yes No
[signature]	5-9-11	[signature]	5/9/11	EDF Global ID No.: T
Relinquished By:	Date/Time	Received By:	Date/Time:	Comments:

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. BOX 1996 TUSTIN,CA 92681-1996	**JEL Ref. No.:** **Client Ref. No.:**	A-6924 7115
Attn:	Alejandro Fuan	**Date Sampled:** **Date Received:** **Date Analyzed:**	6/16/2011 6/16/2011 6/16/2011
Project Address:	1551 E. Orangethorpe Ave. Fullerton, CA 92831	**Physical State:**	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B- Volatile Organics by GC/MS + Oxygenates

Sampling – Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. _3_purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification , QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D.
Laboratory Manager

Jones Environmental, Inc.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:** **Client Ref. No.:**	A-6924 7115
Attn:	Alejandro Fuan	**Date Sampled:** **Date Received:**	6/16/2011 6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV-36-SS	SV-37-SS	SV-42-SS	SV-43-SS	SV-43-5	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	ug/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	ug/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	ug/L
Bromoform	ND	ND	ND	ND	ND	0.008	ug/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	ug/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
Chloroethane	ND	ND	ND	ND	ND	0.008	ug/L
Chloroform	ND	ND	ND	ND	ND	0.008	ug/L
Chloromethane	ND	ND	ND	ND	ND	0.008	ug/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	ug/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	ug/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	ug/L
Dihromomethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
Diehlorodifluoromethane	ND	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloroethene	ND	**0.139**	ND	ND	ND	0.008	ug/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	A-6924
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	6/16/2011
		Date Received:	6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: **Analytes:**	SV-36-SS	SV-37-SS	SV-42-SS	SV-43-SS	SV-43-5	Practical Quantitation Limit	Units
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	ug/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	ug/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	ug/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	ug/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Freon 113	ND	ND	ND	ND	ND	0.008	ug/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	ug/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	ug/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	ug/L
Naphthalene	ND	ND	ND	ND	ND	0.008	ug/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Styrene	ND	ND	ND	ND	ND	0.008	ug/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	ug/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	ug/L
Tetrachloroethylene	**5.50**	**0.202**	**0.640**	**0.191**	**0.181**	0.008	ug/L
Toluene	ND	ND	ND	ND	ND	0.008	ug/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.008	ug/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	ug/L
Trichloroethylene	**3.84**	**0.387**	ND	ND	ND	0.008	ug/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:** **Client Ref. No.:**	A-6924 7115
Attn:	Alejandro Fuan	**Date Sampled:** **Date Received:**	6/16/2011 6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV-36-SS	SV-37-SS	SV-42-SS	SV-43-SS	SV-43-5	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	ug/L
Xylenes	ND	ND	ND	ND	ND	0.008	ug/L
MTBE	ND	ND	ND	ND	ND	0.008	ug/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.008	ug/L
Di-isopropylether	ND	ND	ND	ND	ND	0.008	ug/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.008	ug/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.040	ug/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.008	ug/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	106%	84%	104%	87%	87%	75 - 125	
Toluene-d_8	103%	103%	104%	108%	102%	75 - 125	
4-Bromofluorobenzene	101%	92%	103%	108%	93%	75 - 125	
	A1-061611-CHECKS_1	A2-061611-CHECKS_1	A1-061611-CHECKS_1	A2-061611-CHECKS_1	A2-061611-CHECKS_1		

ND= Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:** **Client Ref. No.:**	A-6924 7115
Attn:	Alejandro Fuan	**Date Sampled:** **Date Received:**	6/16/2011 6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / Analytes:	SV-43-15	VEW-3-5	VEW-3-15	VEW-3-25	SV-43-SS-DUP	Practical Quantitation Limit	Units
Benzene	ND	ND	ND	ND	ND	0.008	ug/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	ug/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	ug/L
Bromoform	ND	ND	ND	ND	ND	0.008	ug/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	ug/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
Chloroethane	ND	ND	ND	ND	ND	0.008	ug/L
Chloroform	ND	ND	ND	ND	ND	0.008	ug/L
Chloromethane	ND	ND	ND	ND	ND	0.008	ug/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	ug/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	ug/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	ug/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloroethene	ND	**0.059**	**0.058**	**0.180**	ND	0.008	ug/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	A-6924
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	6/16/2011
		Date Received:	6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / Analytes:	SV-43-15	VEW-3-5	VEW-3-15	VEW-3-25	SV-43-SS-DUP	Practical Quantitation Limit	Units
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	ug/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	ug/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	ug/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	ug/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Freon 113	ND	ND	ND	ND	ND	0.008	ug/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	ug/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	ug/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	ug/L
Naphthalene	ND	ND	ND	ND	ND	0.008	ug/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Styrene	ND	ND	ND	ND	ND	0.008	ug/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	ug/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	ug/L
Tetrachloroethylene	**0.276**	**17.2**	**16.8**	**17.6**	**0.244**	0.008	ug/L
Toluene	ND	ND	ND	ND	ND	0.008	ug/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.008	ug/L
1,1,2-Trichloroethane	ND	ND	ND	**1.59**	ND	0.008	ug/L
Trichloroethylene	ND	**0.690**	**0.748**	**0.657**	ND	0.008	ug/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:** **Client Ref. No.:**	A-6924 7115
Attn:	Alejandro Fuan	**Date Sampled:** **Date Received:**	6/16/2011 6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: **Analytes:**	SV-43-15	VEW-3-5	VEW-3-15	VEW-3-25	SV-43-SS-DUP	Practical Quantitation Limit	Units
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	ug/L
Xylenes	ND	ND	ND	ND	ND	0.008	ug/L
MTBE	ND	ND	ND	ND	ND	0.008	ug/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.008	ug/L
Di-isopropyletber	ND	ND	ND	ND	ND	0.008	ug/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.008	ug/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.040	ug/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.008	ug/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	103%	115%	100%	108%	110%	75 - 125	
Toluene-d_8	101%	104%	102%	100%	111%	75 - 125	
4-Bromofluorobenzene	89%	104%	106%	95%	99%	75 - 125	
	A2-061611-CHECKS_1	A1-061611-CHECKS_1	A1-061611-CHECKS_1	A1-061611-CHECKS_1	A2-061611-CHECKS_1		

ND= Not Detected

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JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	A-6924
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	6/16/2011
		Date Received:	6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW-4-5	VEW-4-15	VEW-5-5	VEW-5-15	VEW-6-5	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	ug/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	ug/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	ug/L
Bromoform	ND	ND	ND	ND	ND	0.008	ug/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	ug/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
Chloroethane	ND	ND	ND	ND	ND	0.008	ug/L
Chloroform	ND	ND	ND	ND	ND	0.008	ug/L
Chloromethane	ND	ND	ND	ND	ND	0.008	ug/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	ug/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	ug/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	ug/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloroethene	ND	ND	ND	ND	**0.055**	0.008	ug/L

ND = Not Detected

Jones Environmental, Inc.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:** **Client Ref. No.:**	A-6924 7115
Attn:	Alejandro Fuan	**Date Sampled:** **Date Received:**	6/16/2011 6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / Analytes:	VEW-4-5	VEW-4-15	VEW-5-5	VEW-5-15	VEW-6-5	Practical Quantitation Limit	Units
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	ug/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	ug/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	ug/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	ug/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	ug/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Freon 113	ND	ND	ND	ND	ND	0.008	ug/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	ug/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	ug/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	ug/L
Naphthalene	ND	ND	ND	ND	ND	0.008	ug/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Styrene	ND	ND	ND	ND	ND	0.008	ug/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	ug/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	ug/L
Tetrachloroethylene	**0.442**	**0.627**	**1.88**	**0.209**	**1.38**	0.008	ug/L
Toluene	ND	ND	ND	ND	ND	0.008	ug/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,1,1-Trichloroethane	ND	ND	ND	ND	**0.094**	0.008	ug/L
1,1,2-Trichloroethane	ND	ND	**0.146**	ND	ND	0.008	ug/L
Trichloroethylene	ND	ND	**0.143**	ND	**0.334**	0.008	ug/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:** **Client Ref. No.:**	A-6924 7115
Attn:	Alejandro Fuan	**Date Sampled:** **Date Received:**	6/16/2011 6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW-4-5	VEW-4-15	VEW-5-5	VEW-5-15	VEW-6-5	Practical Quantitation Limit	Units
Analytes:							
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	ug/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	ug/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	ug/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	ug/L
Xylenes	ND	ND	ND	ND	ND	0.008	ug/L
MTBE	ND	ND	ND	ND	ND	0.008	ug/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.008	ug/L
Di-isopropylether	ND	ND	ND	ND	ND	0.008	ug/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.008	ug/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.040	ug/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.008	ug/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	103%	97%	99%	94%	100%	75 - 125	
Toluene-d_8	102%	102%	105%	99%	101%	75 - 125	
4-Bromofluorobenzene	90%	88%	89%	93%	88%	75 - 125	
	A1-061611-CHECKS_1	A2-061611-CHECKS_1	A1-061611-CHECKS_1	A2-061611-CHECKS_1	A1-061611-CHECKS_1		

ND= Not Detected

Jones Environmental, Inc.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	A-6924
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	6/16/2011
		Date Received:	6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / Analytes:	VEW-6-5-DUP	VEW-6-15	VEW-17	VEW-18	Practical Quantitation Limit	Units
Benzene	ND	ND	ND	ND	0.008	ug/L
Bromobenzene	ND	ND	ND	ND	0.008	ug/L
Bromodichloromethane	ND	ND	ND	ND	0.008	ug/L
Bromoform	ND	ND	ND	ND	0.008	ug/L
n-Butylbenzene	ND	ND	ND	ND	0.008	ug/L
sec-Butylbenzene	ND	ND	ND	ND	0.008	ug/L
tert-Butylbenzene	ND	ND	ND	ND	0.008	ug/L
Carbon tetrachloride	ND	ND	ND	ND	0.008	ug/L
Chlorobenzene	ND	ND	ND	ND	0.008	ug/L
Chloroethane	ND	ND	ND	ND	0.008	ug/L
Chloroform	ND	ND	ND	ND	0.008	ug/L
Chloromethane	ND	ND	ND	ND	0.008	ug/L
2-Chlorotoluene	ND	ND	ND	ND	0.008	ug/L
4-Chlorotoluene	ND	ND	ND	ND	0.008	ug/L
Dibromochloromethane	ND	ND	ND	ND	0.008	ug/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	0.008	ug/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.008	ug/L
Dibromomethane	ND	ND	ND	ND	0.008	ug/L
1,2- Dichlorobenzene	ND	ND	ND	ND	0.008	ug/L
1,3-Dichlorobenzene	ND	ND	ND	ND	0.008	ug/L
1,4-Dichlorobenzene	ND	ND	ND	ND	0.008	ug/L
Dichlorodifluoromethane	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloroethane	ND	ND	ND	ND	0.008	ug/L
1,2-Dichloroethane	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloroethene	**0.058**	ND	**0.104**	**0.056**	0.008	ug/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:** **Client Ref. No.:**	A-6924 7115
Attn:	Alejandro Fuan	**Date Sampled:** **Date Received:**	6/16/2011 6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: Analytes:	VEW-6-5-DUP	VEW-6-15	VEW-17	VEW-18	Practical Quantitation Limit	Units
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.008	ug/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.008	ug/L
1,2-Dichloropropane	ND	ND	ND	ND	0.008	ug/L
1,3-Dichloropropane	ND	ND	ND	ND	0.008	ug/L
2,2-Dichloropropane	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloropropene	ND	ND	ND	ND	0.008	ug/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.008	ug/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	0.008	ug/L
Ethylbenzene	ND	ND	ND	ND	0.008	ug/L
Freon 113	ND	ND	ND	ND	0.008	ug/L
Hexachlorobutadiene	ND	ND	ND	ND	0.008	ug/L
Isopropylbenzene	ND	ND	ND	ND	0.008	ug/L
4-Isopropyltoluene	ND	ND	ND	ND	0.008	ug/L
Methylene chloride	ND	ND	ND	ND	0.008	ug/L
Naphthalene	ND	ND	ND	ND	0.008	ug/L
n-Propylbenzene	ND	ND	ND	ND	0.008	ug/L
Styrene	ND	ND	ND	ND	0.008	ug/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	0.008	ug/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	0.008	ug/L
Tetrachloroethylene	**1.22**	**0.020**	**1.89**	**1.49**	0.008	ug/L
Toluene	ND	ND	ND	ND	0.008	ug/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	0.008	ug/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	0.008	ug/L
1,1,1-Trichloroethane	**0.062**	ND	**0.144**	**0.093**	0.008	ug/L
1,1,2-Trichloroethane	ND	ND	**0.149**	**0.107**	0.008	ug/L
Trichloroethylene	**0.255**	ND	**0.424**	**0.325**	0.008	ug/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:** **Client Ref. No.:**	A-6924 7115
Attn:	Alejandro Fuan	**Date Sampled:** **Date Received:**	6/16/2011 6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: **Analytes:**	**VEW-6-5-DUP**	**VEW-6-15**	**VEW-17**	**VEW-18**	**Practical Quantitation Limit**	**Units**
Trichlorofluoromethane	ND	ND	ND	ND	0.008	ug/L
1,2,3-Trichloropropane	ND	ND	ND	ND	0.008	ug/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	0.008	ug/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.008	ug/L
Vinyl chloride	ND	ND	ND	ND	0.008	ug/L
Xylenes	ND	ND	ND	ND	0.008	ug/L
MTBE	ND	ND	ND	ND	0.008	ug/L
Ethyl-tert-butylether	ND	ND	ND	ND	0.008	ug/L
Di-isopropylether	ND	ND	ND	ND	0.008	ug/L
tert-amylmethylether	ND	ND	ND	ND	0.008	ug/L
tert-Butylalcohol	ND	ND	ND	ND	0.040	ug/L
TIC:						
n-propanol	ND	ND	ND	ND	0.008	ug/L
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	103%	100%	102%	105%	75 - 125	
Toluene-d_8	101%	103%	104%	101%	75 - 125	
4-Bromofluorobenzene	89%	91%	88%	87%	75 - 125	
	A1-061611-CHECKS_1	A1-061611-CHECKS_1	A1-061611-CHECKS_1	A1-061611-CHECKS_1		

ND= Not Detected

Jones Environmental, Inc.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	A-6924
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	6/16/2011
		Date Received:	6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / Analytes:	METHOD BLANK	AMBIENT AIR	METHOD BLANK	AMBIENT AIR	Practical Quantitation Limit	Units
Benzene	ND	ND	ND	ND	0.008	ug/L
Bromobenzene	ND	ND	ND	ND	0.008	ug/L
Bromodichloromethane	ND	ND	ND	ND	0.008	ug/L
Bromoform	ND	ND	ND	ND	0.008	ug/L
n-Butylbenzene	ND	ND	ND	ND	0.008	ug/L
sec-Butylbenzene	ND	ND	ND	ND	0.008	ug/L
tert-Butylbenzene	ND	ND	ND	ND	0.008	ug/L
Carbon tetrachloride	ND	ND	ND	ND	0.008	ug/L
Chlorobenzene	ND	ND	ND	ND	0.008	ug/L
Chloroethane	ND	ND	ND	ND	0.008	ug/L
Chloroform	ND	ND	ND	ND	0.008	ug/L
Chloromethane	ND	ND	ND	ND	0.008	ug/L
2-Chlorotoluene	ND	ND	ND	ND	0.008	ug/L
4-Chlorotoluene	ND	ND	ND	ND	0.008	ug/L
Dibromochloromethane	ND	ND	ND	ND	0.008	ug/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	0.008	ug/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.008	ug/L
Dibromomethane	ND	ND	ND	ND	0.008	ug/L
1,2- Dichlorobenzene	ND	ND	ND	ND	0.008	ug/L
1,3-Dichlorobenzene	ND	ND	ND	ND	0.008	ug/L
1,4-Dichlorobenzene	ND	ND	ND	ND	0.008	ug/L
Dichlorodifluoromethane	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloroethane	ND	ND	ND	ND	0.008	ug/L
1,2-Dichloroethane	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloroethene	ND	ND	ND	ND	0.008	ug/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	A-6924
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	6/16/2011
		Date Received:	6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: / Analytes:	METHOD BLANK	AMBIENT AIR	METHOD BLANK	AMBIENT AIR	Practical Quantitation Limit	Units
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.008	ug/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.008	ug/L
1,2-Dichloropropane	ND	ND	ND	ND	0.008	ug/L
1,3-Dichloropropane	ND	ND	ND	ND	0.008	ug/L
2,2-Dichloropropane	ND	ND	ND	ND	0.008	ug/L
1,1-Dichloropropene	ND	ND	ND	ND	0.008	ug/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.008	ug/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	0.008	ug/L
Ethylbenzene	ND	ND	ND	ND	0.008	ug/L
Freon 113	ND	ND	ND	ND	0.008	ug/L
Hexachlorobutadiene	ND	ND	ND	ND	0.008	ug/L
Isopropylbenzene	ND	ND	ND	ND	0.008	ug/L
4-Isopropyltoluene	ND	ND	ND	ND	0.008	ug/L
Methylene chloride	ND	ND	ND	ND	0.008	ug/L
Naphthalene	ND	ND	ND	ND	0.008	ug/L
n-Propylbenzene	ND	ND	ND	ND	0.008	ug/L
Styrene	ND	ND	ND	ND	0.008	ug/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	0.008	ug/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	0.008	ug/L
Tetrachloroethylene	ND	ND	ND	ND	0.008	ug/L
Toluene	ND	ND	ND	ND	0.008	ug/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	0.008	ug/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	0.008	ug/L
1,1,1-Trichloroethane	ND	ND	ND	ND	0.008	ug/L
1,1,2-Trichloroethane	ND	ND	ND	ND	0.008	ug/L
Trichloroethylene	ND	ND	ND	ND	0.008	ug/L

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	A-6924
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	6/16/2011
		Date Received:	6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: **Analytes:**	METHOD BLANK	AMBIENT AIR	METHOD BLANK	AMBIENT AIR	Practical Quantitation Limit	Units
Trichlorofluoromethane	ND	ND	ND	ND	0.008	ug/L
1,2,3-Trichloropropane	ND	ND	ND	ND	0.008	ug/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	0.008	ug/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.008	ug/L
Vinyl chloride	ND	ND	ND	ND	0.008	ug/L
Xylenes	ND	ND	ND	ND	0.008	ug/L
MTBE	ND	ND	ND	ND	0.008	ug/L
Ethyl-tert-butylether	ND	ND	ND	ND	0.008	ug/L
Di-isopropylether	ND	ND	ND	ND	0.008	ug/L
tert-amylmethylether	ND	ND	ND	ND	0.008	ug/L
tert-Butylalcohol	ND	ND	ND	ND	0.040	ug/L
TIC:						
n-propanol	ND	ND	ND	ND	0.008	ug/L
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	109%	103%	96%	99%	75 - 125	
Toluene-d_8	101%	107%	95%	94%	75 - 125	
4-Bromofluorobenzene	95%	105%	88%	90%	75 - 125	
	A1-061511-CHECKS_1	A1-061511-CHECKS_1	A2-061511-CHECKS_1	A2-061511-CHECKS_1		

ND= Not Detected

Jones Environmental, Inc.

Testing Laboratories

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JONES ENVIRONMENTAL

QUALITY CONTROL INFORMATION

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:** **Client Ref. No.:**	A-6924 7115
Attn:	Alejandro Fuan	**Date Sampled:** **Date Received:**	6/16/2011 6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked: Ambient Air **GC#:** A1-061511-CHECKS_1

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
1,1-Dichloroethylene	102%	103%	0.4%	70-130	83%	70-130
Benzene	99%	106%	7.1%	70-130	94%	70-130
Trichloroethylene	78%	81%	3.4%	70-130	82%	70-130
Toluene	86%	84%	2.8%	70-130	85%	70-130
Chlorobenzene	85%	86%	1.4%	70-130	86%	70-130
Surrogate Recovery:						
Dibromofluoromethane	106%	107%		75-125	105%	75-125
Toluene-d_8	98%	89%		75-125	98%	75-125
4-Bromofluorobenzene	89%	89%		75-125	91%	75-125

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

Jones Environmental, Inc.

Testing Laboratories

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JONES ENVIRONMENTAL

QUALITY CONTROL INFORMATION

Client:	The Reynolds Group	**Report date:**	6/16/2011
Client Address:	P.O. Box 1996 Tustin, CA 92681-1996	**JEL Ref. No.:**	A-6924
		Client Ref. No.:	7115
Attn:	Alejandro Fuan	**Date Sampled:**	6/16/2011
		Date Received:	6/16/2011
Project:	Fullerton Universal	**Date Analyzed:**	6/16/2011
Project Address:	1551 E. Orangethorpe Fullerton, CA	**Physical State:**	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked: Ambient Air **GC#:** A2-061611-CHECKS_1

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
1,1-Dichloroethylene	123%	129%	5.2%	70-130	121%	70-130
Benzene	102%	101%	1.5%	70-130	110%	70-130
Trichloroethylene	98%	91%	7.5%	70-130	92%	70-130
Toluene	109%	107%	2.3%	70-130	121%	70-130
Chlorobenzene	102%	98%	3.6%	70-130	107%	70-130
Surrogate Recovery:						
Dibromofluoromethane	100%	96%		75-125	110%	75-125
Toluene-d_8	98%	98%		75-125	101%	75-125
4-Bromofluorobenzene	90%	86%		75-125	96%	75-125

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference: Acceptability range for RPD is ≤ 15%

JONES ENVIRONMENTAL
TESTING LABORATORIES

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Chain-of-Custody Record

Client: The Reynolds Group
Date: 6/16/2011
Project Name: Fullerton Universal
Client Project #: 7115
Project Address: 1551 E. Orangethorpe Ave, Fullerton, CA
Project Contact: Al Fuen

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☒ Mobile Lab

SOIL GAS
Purge Vol: ☐ 1P ☒ 3P ☐ 7P
Tracer: A-PRO
Purge Rate: 200 cc/min
5 2L/min

JEL Project #: A-6924
Page: 1 of 2

Lab Use Only
Sample Condition as Received.
Chilled ☐ yes ☒ no
Sealed ☒ yes ☐ no

Analysis Requested

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B (VOCs)						Number of Containers	Remarks/Special Instructions
SV-36-SS	236	3 PV	6/16/11	0842	A-6924-01	SG	X						2	glass, gas-tight syringe
SV-37-SS	236	3 PV		0845	A-6924-02	SG	X						2	
SV-42-SS	236	3 P		0909	A-6924-03	SG	X						2	
SV-43-SS	236	3 P		0919	A-6924-04	SG	X						2	
SV-43-5	542	3 P		0934	A-6924-05	SG	X						2	
SV-43-15	676	3P		0958	A-6924-06	SG	X						2	
VEW-3-5	9267	3P		0929	A-6924-07	SG	X						2	
VEW-3-15	27801	3P		0949	A-6924-08	SG	X						2	
VEW-3-25	46335	3P		1012	A-6924-09	SG	X						2	
SV-43-SS-DUP	236	3P		1025	A-6924-10	SG	X						2	

❶ Relinquished by (signature): [signature]	Date: 6-16-11	❷ Received by (signature): [signature]	Date: 6/16/11	20	Total Number of Containers
Company: THE REYNOLDS GROUP	Time: 13:20	Company: JEL	Time: 1320		
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date		
Company	Time	Company	Time		

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

JONES ENVIRONMENTAL
TESTING LABORATORIES

P.O. Box 5387
Fullerton, CA 92838
(714) 449-9937
Fax (714) 449-9685

Chain-of-Custody Record

Client: The Reynolds Group
Date: 6/16/2011
Project Name: Fullerton Universal
Client Project #: 7115
Project Address: 1551 E. Orangethorpe Ave, Fullerton, CA
Project Contact: Al Fuen
Turn Around Requested: ☐ Immediate Attention ☐ Rush 24-48 Hours ☐ Rush 72-96 Hours ☐ Normal ☒ Mobile Lab

SOIL GAS
Purge Vol: ☐ 1P ☒ 3P ☐ 7P
Tracer: Propane
Purge Rate: 200 cc/min
124 min

JEL Project #: A-6924
Page: 2 of 2
Lab Use Only
Sample Condition as Received: Chilled ☐ yes ☒ no; Sealed ☒ yes ☐ no

Analysis Requested: EPA 8260B (VOCs)

Sample ID	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B (VOCs)						Number of Containers	Remarks/Special Instructions
VEW-4-5	9267	3P	6/16/11	1030	A-6924-11	SG	X						2	glass, gas-tight syringe
VEW-4-15	27801	3P		1049	A-6924-12	SG	X						2	
VEW-5-5	9267	3P		1054	A-6924-13	SG	X						2	
VEW-5-15	27801	3P		1114	A-6924-14	SG	X						2	
VEW-6-5	9267	3P		1121	A-6924-15	SG	X						2	
VEW-6-5-Dup	9267	3P		1122	A-6924-16	SG	X						2	
VEW-6-15	27801	3P		1140	A-6924-17	SG	X						2	
VEW-17	46595	3P		1204	A-6924-18	SG	X						2	
VEW-18	46595	3P		1232	A-6924-19	SG	X						2	

❶ Relinquished by (signature): [signature]	Date: 6/16/11	❷ Received by (signature): [signature]	Date: 6/16/11	16	Total Number of Containers
Company: THE REYNOLDS GROUP	Time: 13:20	Company: JE-	Time: 1320		
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date		
Company	Time	Company	Time		

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	Unit:	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	Permit No.:	various locations permit F95132

TECHNICIAN	Name: RB	Date:	1-3-11	Weekday:	MONDAY	Time:	11:00 AM
ARRIVAL STATUS:	ON	OPERATING HOURS:	15287.0	Alarms:	NONE		

Carbon System

Blower	Amps 19.27/20.51/19.62 A	Dilution Valve:		Manual 0	%open
Process Flow	390 scfm	Manifold Vacuum:		59.4	"H2O
Carbon Inlet Temperature	55.2 F	Source Flow:		4471	fpm
VES Process Concentrations	Inlet 0.7 ppm	Influent:	Outlet 0.4	Midpoint 0.7	ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50 1-3-11		

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O	2.6	38.50	1873	56.6	N		2'-5'
VEW3-15'	O	25.6	37.73	WET	WET	N		12'-15'
VEW3-25'	C		7.12		54.6			22'-25'
VEW4-5'	C		0.07					2'-5'
VEW4-15'	C		1.94					12'-15'
VEW4-25'	C		~~0.07~~				191	22'-25'
VEW5-5'	O	0.1	49.71	53.54	57.1	N	2456 FPM	2'-5'
VEW5-15'	C		20.33					12'-15'
VEW5-25'	C		1.75					22'-25'
VEW5-60'	C		0.13					45'-60'
VEW6-5'	O	0.2	38.44	2796	55.2	N		2'-5'
VEW6-15'	C		3.51					12'-15'
VEW6-25'	C		3.57					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	0.3	38.46	3271	57.7	N		2'-5'
VEW18-5'	O	0.2	37.91	6676	56.4	N		2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet: N	Midpoint:	Outlet: N		Inlet/Outlet use EPA FULL SCAN
STATUS DEPARTURE:	ON	OFF	Drums:	NA	

Notes: List all activities, observations, recommendations VEW-3-15 HAS ~~[illegible]~~ ALOT OF WATER MORE THAN NORMAL. MAY BE DUE TO RAIN IN PAST WEEK. CHECK IN VAC. ON SV-37 = 0.06 SV-36 = 1.16

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132
TECHNICIAN	**Name:** RB **Date:** 1·10·11	**Weekday:** MONDAY	**Time:** 11:00AM
ARRIVAL STATUS:	ON **OPERATING HOURS:** 15454.5	**Alarms:** NONE	

Carbon System

Blower	Amps: 18.84 / 20.26 / 18.35 A	**Dilution Valve:**		Manual: 0	%open
Process Flow	3933 / 343.3 scfm	**Manifold Vacuum:**		57.9	"H_2O
Carbon Inlet Temperature	58.8 F	**Source Flow:**		3,933	fpm
VES Process Concentrations	Inlet: 0.6 ppm	**Influent:**	Outlet: 0.2	Midpoint:	ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 58 / 1·10·11		

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O	6.7	46.50	1828	58.6	Y		2'-5'
VEW3-15'	O	42.6	45.87	WET	WET	Y		12'-15'
VEW3-25'	C		6.70					22'-25'
VEW4-5'	C		[redacted] ← 1.59					2'-5'
VEW4-15'	C		8.05					12'-15'
VEW4-25'	C		8.07					22'-25'
VEW5-5'	O	0.0	48.04	1840	60.0	Y		2'-5'
VEW5-15'	C		19.55					12'-15'
VEW5-25'	C		1.60					22'-25'
VEW5-60'	C		0.00					45'-60'
VEW6-5'	O	0.1	36.66	2786	57.0	Y		2'-5'
VEW6-15'	C		3.33					12'-15'
VEW6-25'	C		2.26					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	0.2	36.41	3187	59.5	Y		2'-5'
VEW18-5'	O	[redacted] 0.2	36.06	5886	58.4	Y		2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet: YES	Midpoint:	Outlet YES		Inlet/Outlet use 8260 FULL SCAN
STATUS DEPARTURE:	ON	OFF	**Drums:**	NA	

Notes: List all activities, observations, recommendations

COPY

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7135 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132
TECHNICIAN	**Name:** RB **Date:** 1-19-11	**Weekday:** WED	**Time:** 10:00AM
ARRIVAL STATUS:	ON **OPERATING HOURS:** 15669.6	**Alarms:** NONE	

Carbon System

Blower	Amps 18.39/19.89/18.08 A	**Dilution Valve:**	Manual: 0 %open
Process Flow	4664/407 scfm	**Manifold Vacuum:**	57.2 "H_2O
Carbon Inlet Temperature	63.6 F	**Source Flow:**	4664 fpm
VES Process Concentrations	Inlet 3.5 ppm	**Influent:**	Outlet: 1.9 Midpoint: 1.7 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date) HEXANE STD / 1.19.11	

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O					N		2'-5'
VEW3-15'	O							12'-15'
VEW3-25'	C							22'-25'
VEW4-5'	C							2'-5'
VEW4-15'	C							12'-15'
VEW4-25'	C							22'-25'
VEW5-5'	O							2'-5'
VEW5-15'	C							12'-15'
VEW5-25'	C							22'-25'
VEW5-60'	C							45'-60'
VEW6-5'	O							2'-5'
VEW6-15'	C							12'-15'
VEW6-25'	C							22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O							2'-5'
VEW18-5'	O							2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet: N	**Midpoint:**	Outlet: N	**Inlet/Outlet use 8260 FULL SCAN**
STATUS DEPARTURE:	ON	OFF	**Drums:** NA	

Notes, List all activities, observations, recommendations

COPY

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	Units:	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	Permit No.:	various locations permit F95132
TECHNICIAN	Name: KB	Date: 1-24-11	Weekday: MONDAY Time: 1021 Am
ARRIVAL STATUS:	ON	OPERATING HOURS: 15789.8	Alarms: NONE

Carbon System

Blower:	Amps: 18.38/19.78/17.93 A	Dilution Valve:	Manual: 0 %open
Process Flow	3955/345 scfm	Manifold Vacuum:	54.9 "H-O
Carbon Inlet Temperature	62.7 F	Source Flow:	395B fpm
VES Process Concentrations	Inlet: 6.8 ppm	Influent: Outlet 4.8	Midpoint: 5.2 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date) HEXANE 50 ; 1-24-11	

VAPOR EXTRACTION WELLS

46.94 1405

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N			Well Screen (ft)
VEW3-5'	O	13.1	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~ 60.9	N			2'-5'
VEW3-15'	O	134.7	47.11	WET	WET	N			12'-15'
VEW3-25'	C		4.66						22'-25'
VEW4-5'	C		0.00						2'-5'
VEW4-15'	C		0.88						12'-15'
VEW4-25'	C		1.38						22'-25'
VEW5-5'	O	1.6	45.93	2967	62.4	N			2'-5'
VEW5-15'	C		18.01						12'-15'
VEW5-25'	C		1.45						22'-25'
VEW5-60'	C		0.17						45'-60'
VEW6-5'	O	1.0	33.79	2565	59.7				2'-5'
VEW6-15'	C		2.76						12'-15'
VEW6-25'	C		2.94						22'-25'
VEW7-5'									2'-5'
VEW7-15'									12'-15'
VEW8-5'									2'-5'
VEW8-15'									12'-15'
VEW9-5'									2'-5'
VEW9-15'									12'-15'
VEW9-25'									22'-25'
VEW10-5'									2'-5'
VEW10-15'									12'-15'
VEW11-5'									2'-5'
VEW11-15'									12'-15'
VEW11-25'									22'-25'
VEW12-5'									2'-5'
VEW12-15'									12'-15'
VEW12-25'									22'-25'
VEW12-60'									45'-60'
VEW13-5'									2'-5'
VEW13-15'									12'-15'
VEW13-25'									22'-25'
VEW14-5'									2'-5'
VEW14-15'									12'-15'
VEW15-5'									2'-5'
VEW15-15'									12'-15'
VEW16-5'									2'-5'
VEW17-5'	O	3.6	33.54	2636	61.5				2'-5'
VEW18-5'	O	1.3	33.20	5762	59.8				2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note.

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet: N	Midpoint:	Outlet: N		Inlet/Outlet use EMS FULL SCAN
STATUS DEPARTURE:	ON	OFF	Drums:	NA	

Notes: List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132
TECHNICIAN	**Name:** RB	**Date:** 1-28-11	**Weekday:** FRIDAY **Time:** 1:43
ARRIVAL STATUS:	ON	**OPERATING HOURS:** 15809.1	**Alarms:** NONE

Carbon System

Blower	Amps 18.25/19.20/19.16 A	**Dilution Valve:**	Manual 0 %open
Process Flow	351.2 scfm	**Manifold Vacuum.:**	47.3 "H_2O
Carbon Inlet Temperature	64.7 F	**Source Flow:**	351.2 fpm
VES Process Concentrations	Inlet 7.1 ppm	**Influent:**	Outlet 4.6 Midpoint 5.1 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANESO 1-24-11

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O	10.1	45.76	1897/	62.3	N		2'-5'
VEW3-15'	O	153.2	47.1	WET 91	WET			12'-15'
VEW3-25'	C		5.46					22'-25'
VEW4-5'	C		0.00					2'-5'
VEW4-15'	C		0.91					12'-15'
VEW4-25'	C		1.60					22'-25'
VEW5-5'	O	0.2	45.83	2,564/	62.5			2'-5'
VEW5-15'	C		18.02	55				12'-15'
VEW5-25'	C		1.70					22'-25'
VEW5-60'	C		0.13					45'-60'
VEW6-5'	O	0.4	36.46	2,632/	60.1			2'-5'
VEW6-15'	C		3.51	59				12'-15'
VEW6-25'	C		3.15					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	2.3	36.18	3792/ 71	60.7			2'-5'
VEW18-5'	O	1.4	35.54	7883/ 154	61.2			2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet N	Midpoint	Outlet N	Inlet/Outlet use 8260 FULL SCAN
STATUS DEPARTURE:	ON	OFF	**Drums:** NA	

Notes: List all activities, observations, recommendations WAS INSTRUCTED TO SHUT SYSTEM OFF

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement, 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132
TECHNICIAN	**Name:** RB **Date:** 2-23-11	**Weekday:** WEDS	**Time:** 11:45am
ARRIVAL STATUS:	ON **OPERATING HOURS:** 16205.7	**Alarms:**	NONE

Carbon System

Blower	Amps 18.87 / 20.33 / 18.57 A	**Dilution Valve:**	Manual: 0 %open
Process Flow	5621 scfm	**Manifold Vacuum:**	50.6 "H-O
Carbon Inlet Temperature	59.8 F	**Source Flow:**	5821 fpm
VES Process Concentrations	Inlet: 1.7 ppm	**Influent:** Outlet: 0.7	Midpoint: 2.4 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50 2-23-11

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O					N		2'-5'
VEW3-15'	O							12'-15'
VEW3-25'	C							22'-25'
VEW4-5'	C							2'-5'
VEW4-15'	C							12'-15'
VEW4-25'	C							22'-25'
VEW5-5'	O							2'-5'
VEW5-15'	C							12'-15'
VEW5-25'	C							22'-25'
VEW5-60'	C							45'-60'
VEW6-5'	O							2'-5'
VEW6-15'								12'-15'
VEW6-25'								22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O							2'-5'
VEW18-5'	O							2'-5'

N/A

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note.

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet: N	**Midpoint:**	Outlet: N	**Inlet/Outlet use 8260 FULL SCAN**
STATUS DEPARTURE:	ON	OFF	**Drums:** NA	

Notes: List all activities, observations, recommendations JESSE WAS OUT OF TOWN GET READINGS NEXT WEEK

COPY ✓

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132
TECHNICIAN	**Name:** RB	**Date:** 3-2-11	**Weekday:** WEDS **Time:** 10:50 AM
ARRIVAL STATUS:	ON	**OPERATING HOURS:** 16173.0	**Alarms:** NONE

Carbon System

Blower	Amps: 18.69/20.10/18.34 A	**Dilution Valve:**	Manual 0 %open
Process Flow	5160 scfm	**Manifold Vacuum:**	49.90 "H-O
Carbon Inlet Temperature	62.0 F	**Source Flow:**	5160 fpm
VES Process Concentrations	Inlet: 2.5 ppm	**Influent:**	Outlet: 1.0 Midpoint: 2.4 ppm
Monitoring Device	PID MINI RAE 3000	Calibration (type/date)	HEXANE 50 3-2-11

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O	9.2	48.23	3014	60.0	N		2'-5'
VEW3-15'	O	131.2	48.24	WET	WET	N		12'-15'
VEW3-25'	C		3.17					22'-25'
VEW4-5'	C		0.00					2'-5'
VEW4-15'	C		1.31					12'-15'
VEW4-25'	C		1.37					22'-25'
VEW5-5'	O	0.3	48.13	2286	60.9	N		2'-5'
VEW5-15'	C		19.46					12'-15'
VEW5-25'	C		1.46					22'-25'
VEW5-60'	C		0.53					45'-60'
VEW6-5'	O	0.4	35.99	3402	58.6	N		2'-5'
VEW6-15'								12'-15'
VEW6-25'								22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	2.3	35.79	3883	60.7	N		2'-5'
VEW18-5'	O	0.3	35.53	7564	58.9	N		2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet: [illegible]	Midpoint:	Outlet: N	Inlet/Outlet use #160 FULL SCAN
STATUS DEPARTURE:	ON	OFF	**Drums:** NA	

Notes. List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132
TECHNICIAN	**Name:** RB **Date:** 3-7-11	**Weekday:** MON	**Time:** 8:20am
ARRIVAL STATUS:	ON **OPERATING HOURS:** 16290.7	**Alarms:**	NONE

Carbon System

Blower	Amps 18.41/20.02/18.10 A	**Dilution Valve:**	Manual 0 %open
Process Flow	5022 scfm	**Manifold Vacuum:**	49.50 "H-O
Carbon Inlet Temperature	62.4 F	**Source Flow:**	5022 fpm
VES Process Concentrations	Inlet 1.2 ppm	**Influent:**	Outlet 0.2 Midpoint 0.5 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50 / 3-7-11

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O	10.6	48.23	2680/80	62.2	Y		2'-5'
VEW3-15'	O	293.4	48.24	WET	WET	Y		12'-15'
VEW3-25'	C		2.66					22'-25'
VEW4-5'	C		0.00					2'-5'
VEW4-15'	C		1.64					12'-15'
VEW4-25'	C		1.61					22'-25'
VEW5-5'	O	0.2	47.69	1782/80	62.4	Y		2'-5'
VEW5-15'	C		14.52					12'-15'
VEW5-25'	C		1.64					22'-25'
VEW5-60'	C		0.28					45'-60'
VEW6-5'	O	0.1	36.31	2947/80	61.1	Y		2'-5'
VEW6-15'			1.82					12'-15'
VEW6-25'			2.66					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	2.3	36.16	3649/80	62.0	Y		2'-5'
VEW18-5'	O	0.2	35.67	7216/15	60.7	Y		2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
*** SVE Concentration Outlet < 50 ppmv**	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet: YES	Midpoint:	Outlet: YES		Inlet/Outlet use #240 FULL SCAN
STATUS DEPARTURE:	ON	OFF	**Drums:**	NA	

Notes, List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132
TECHNICIAN	**Name:** IRB	**Date:** 3-14-11	**Weekday:** MON **Time:** 11:30
ARRIVAL STATUS:	ON	**OPERATING HOURS:** 16460.8	**Alarms:** NONE

Carbon System

Blower	Amps: 18.20/20.04/18.23 A	**Dilution Valve:**	Manual 0 %open
Process Flow	4250/371 scfm	**Manifold Vacuum.:**	49.12 "H-O
Carbon Inlet Temperature	67.0 F	**Source Flow:**	4250 fpm
VES Process Concentrations	Inlet 2.8 ppm	**Influent:**	Outlet 1.2 Midpoint 2.4 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50, 3-14-11

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O	10.4	48.21	2602/N	62.7	N		2'-5'
VEW3-15'	O	187.1	48.23	WET 50	WET			12'-15'
VEW3-25'	C		2.74					22'-25'
VEW4-5'	C		0.00					2'-5'
VEW4-15'	C		1.61					12'-15'
VEW4-25'	C		1.61					22'-25'
VEW5-5'	O	0.2	49.82	18.17/N	62.4			2'-5'
VEW5-15'	C		19.50					12'-15'
VEW5-25'	C		1.63					22'-25'
VEW5-60'	C		0.47					45'-60'
VEW6-5'	O	0.4	36.27	3102/N	62.1			2'-5'
VEW6-15'			1.73					12'-15'
VEW6-25'			2.53					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	2.3	35.67	3867/N	62.3			2'-5'
VEW18-5'	O	0.3	35.45	7305/N	60.1			2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
*** SVE Concentration Outlet < 50 ppmv**	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet N	Midpoint	Outlet N		Inlet/Outlet use EPA FULL SCAN
STATUS DEPARTURE:	ON	OFF	**Drums:**	NA	

Notes. List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/IIVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Units:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit P95132
TECHNICIAN	**Name:** RB **Date:** 3-21-11	**Weekday:** MON	**Time:** 10:00
ARRIVAL STATUS:	ON **OPERATING HOURS:** 16627.1	**Alarms:**	NONE

Carbon System

Blower:	Amps: 19.81 / 19.96 / 18.03 A	**Dilution Valve:**	Manual 0 %open
Process Flow	4884 / 4926 scfm	**Manifold Vacuum.:**	49.02 "H_2O
Carbon Inlet Temperature	60.4 F	**Source Flow:**	4884 fpm
VES Process Concentrations	Inlet: 1.8 ppm	**Influent:**	Outlet: 0.5 Midpoint: 1.03 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50 3-21-11

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O	9.1	47.55		60.4			2'-5'
VEW3-15'	O	186.2	47.70	WET	" "			12'-15'
VEW3-25'	C		4.86					22'-25'
VEW4-5'	C		0.00					2'-5'
VEW4-15'	C		1.65					12'-15'
VEW4-25'	C		1.63					22'-25'
VEW5-5'	O	0.4	47.30	1657	60.9			2'-5'
VEW5-15'	C		19.32					12'-15'
VEW5-25'	C		1.61					22'-25'
VEW5-60'	C		1.10					45'-60'
VEW6-5'	O	0.4	35.31	2907	59.8			2'-5'
VEW6-15'			3.12					12'-15'
VEW6-25'			3.18					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	2.4	35.06	3729/32	61.9			2'-5'
VEW18-5'	O	0.2	34.72	1298/5	60.9			2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
*** SVE Concentration Outlet < 50 ppmv**	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet:	Midpoint.	Outlet.		Inlet/Outlet use 6260 FULL SCAN
STATUS DEPARTURE:	ON	OFF	**Drums:**	NA	

Notes: List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement, 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132
TECHNICIAN	**Name:** RB	**Date:** 4-1-11	**Weekday:** FRI **Time:** 7:10
ARRIVAL STATUS:	ON	**OPERATING HOURS:** 168885	**Alarms:** NONE

Carbon System

Blower	Amps 18.41/20.05/18.16 A	**Dilution Valve:**	Manual 0 %open
Process Flow	3862/189 scfm	**Manifold Vacuum.:**	49.71 "H O
Carbon Inlet Temperature	64.5 F	**Source Flow:**	3862 fpm
VES Process Concentrations	Inlet 2.0 ppm	**Influent:**	Outlet 0.1 Midpoint 0.8 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50 / 3-28-11

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O	10.9	97.67	256/55	62.6	N		2'-5'
VEW3-15'	O	182.5	47.70	[illegible]	[illegible]			12'-15'
VEW3-25'	C		3.44					22'-25'
VEW4-5'	C		0.00					2'-5'
VEW4-15'	C		1.62					12'-15'
VEW4-25'	C	1.63	~~[illegible]~~					22'-25'
VEW5-5'	O	0.2	47.62	166/36	63.4			2'-5'
VEW5-15'	C		19.41					12'-15'
VEW5-25'	C		0.68					22'-25'
VEW5-60'	C	0.56	~~[illegible]~~					45'-60'
VEW6-5'	O	0.4	36.27	2914/63	64.2			2'-5'
VEW6-15'			2.17					12'-15'
VEW6-25'			2.82					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	2.3	35.66	3264/82	63.2			2'-5'
VEW18-5'	O	0.2	36.46	7102/154	62.1			2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet N	**Midpoint.**	Outlet N	**Inlet/Outlet use 8260 FULL SCAN**
STATUS DEPARTURE:	ON	OFF	**Drums:** NA	

Notes: List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No:**	various locations permit F95122
TECHNICIAN	**Name:** RB **Date:** 4.4.11	**Weather:** MON	**Time:** 9:20A
ARRIVAL STATUS:	ON **OPERATING HOURS:** 16962.8	**Alarms:** NONE	

Carbon System

Blower	Amps 18.67/19.76/18.19 A	**Dilution Valve:**	Manual 0 %open
Process Flow	4349/379 scfm	**Manifold Vacuum:**	49.28 "H2O
Carbon Inlet Temperature	66.1 F	**Source Flow:**	4349 fpm
VES Process Concentrations	Inlet 2.2 ppm	**Influent:**	Outlet 0.0 Midpoint 1.4 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 4.4.11

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("w.c)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O	12.8	44.63	1800/39	66.4	Y		2'-5'
VEW3-15'	O	156.4	44.70	WET	WET	Y		12'-15'
VEW3-25'	C		2.98					22'-25'
VEW4-5'	C		0.00					2'-5'
VEW4-15'	C		1.49					12'-15'
VEW4-25'	C		1.82					22'-25'
VEW5-5'	O	0.1	44.60	1874/40	69.2	Y		2'-5'
VEW5-15'	C		17.47					12'-15'
VEW5-25'	C		1.41					22'-25'
VEW5-60'	C		0.47					45'-60'
VEW6-5'	O	0.2	33.44	3131/68	66.2	Y		2'-5'
VEW6-15'	C		1.49					12'-15'
VEW6-25'	C		3.03					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	2.2	33.79	3404/18	65.6	Y		2'-5'
VEW18-5'	O	0.1	32.79	7300/69	63.6	Y		2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet Y	**Midpoint:**	Outlet Y		Inlet/Outlet use 8260 FULL SCAN
STATUS DEPARTURE:	ON	OFF	**Drums:**	NA	

Notes: List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement 500 cfm blower capacity

CLIENT/SITE	7115 Universal	Unit:	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	Permit No.:	various locations permit F95132
TECHNICIAN	Name: RB	Date: 4.11.11	Weekday: MONDAY Time: 12:00
ARRIVAL STATUS:	OFF	OPERATING HOURS: 16983.0	Alarms: YES. MOTOR STARTER

Carbon System

Blower	Amps: 16.16/17.26/15.72 A	Dilution Valve:	Manual 10 Turns
Process Flow	4325/377 scfm	Manifold Vacuum:	38.23 "H2O
Carbon Inlet Temperature	71.4 F	Source Flow:	4325 fpm
VES Process Concentrations	Inlet 3.4 ppm	Influent:	Outlet 2.6 Midpoint 2.0 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50, 4.11.11

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O					N		2'-5'
VEW3-15'	O							12'-15'
VEW3-25'	C							22'-25'
VEW4-5'	C							2'-5'
VEW4-15'	C							12'-15'
VEW4-25'	C							22'-25'
VEW5-5'	O							2'-5'
VEW5-15'	~~O~~ C							12'-15'
VEW5-25'	C							22'-25'
VEW5-60'	C							45'-60'
VEW6-5'	O							2'-5'
VEW6-15'								12'-15'
VEW6-25'								22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'								2'-5'
VEW18-5'								2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppm	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet N	Midpoint	Outlet N	Inlet/Outlet use 8260 FULL SCAN
STATUS DEPARTURE:	ON	OFF	Drums NA	

Notes: List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132

TECHNICIAN	**Name:** RB	**Date:**	4-20-11	**Weekday:**	WED	**Time:**	4:30p
ARRIVAL STATUS:	OFF	**OPERATING HOURS:**	16983.6	**Alarms:**	NONE		

Carbon System

Blower:	Amps. 16.23/17.19/15.92 A	**Dilution Valve:**		Manual 0	%open
Process Flow	4239 / 370 scfm	**Manifold Vacuum.:**		48.72	"H_2O
Carbon Inlet Temperature	71.1 F	**Source Flow:**		4239	fpm
VES Process Concentrations	Inlet: 3.2 ppm	**Influent:**	Outlet 0.3	Midpoint. 1.3	ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50, 4-20-11		

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O	14.3	43.63	1816/31.5	69.8	N		2'-5'
VEW3-15'	O	180.4	44.67	WET	WET	N		12'-15'
VEW3-25'	C		2.96					22'-25'
VEW4-5'	C		9.99					2'-5'
VEW4-15'	C		9.43					12'-15'
VEW4-25'	C		1.53					22'-25'
VEW5-5'	O	0.2	44.61	1796/39.1	69.9	N		2'-5'
VEW5-15'	C		18.64					12'-15'
VEW5-25'	C		1.38					22'-25'
VEW5-60'	C		0.51					45'-60'
VEW6-5'	O	0.2	32.56	3091/61.3	70.1	N		2'-5'
VEW6-15'	C		1.48					12'-15'
VEW6-25'	C		3.13					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	2.2	33.64	3616/18.9	69.3	N		2'-5'
VEW18-5'	O	0.2	32.81	7246/15.1	68.6	N		2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet N	Midpoint:	Outlet: N		Inlet/Outlet use 8260 FULL SCAN
STATUS DEPARTURE:	ON	OFF	**Drums:**	NA	

Notes: List all activities, observations, recommendations MOTOR STARTER WENT OUT ON 4.11.11 HAD TO LOCATE & INSTALL NEW ONE TURNED SYSTEM ON & OBSERVED FOR 1 hr

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement, 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132
TECHNICIAN	**Name:** RB	**Date:** 4-25-11	**Weekday:** MONDAY **Time:** 11:30
ARRIVAL STATUS:	OFF	**OPERATING HOURS:** 16984.3	**Alarms:** 1 LOW BLOWER VAC

Carbon System

Blower	Amps 16.08/17.14/15.51 A	**Dilution Valve:**	Manual 0 %open
Process Flow	3298 scfm	**Manifold Vacuum:**	43.28 "H-O
Carbon Inlet Temperature	72.8 F	**Source Flow:**	3298 fpm
VES Process Concentrations	Inlet 2.0 ppm	**Influent:**	Outlet 0.0 Midpoint 0.5 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50, 4-25-11

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW1-5'	O	10.9	46.88	3404	69.2	N		2'-5'
VEW1-15'	O	186.5	47.09	WET	WET			12'-15'
VEW3-25'	C		4.29					22'-25'
VEW4-5'	C		0.00					2'-5'
VEW4-15'	C		1.46					12'-15'
VEW4-25'	C		1.46					22'-25'
VEW5-5'	O	0.7	46.64	3184	71.0			2'-5'
VEW5-15'	C		19.08					12'-15'
VEW5-25'	C		1.55					22'-25'
VEW5-60'	C		0.00					45'-60'
VEW6-5'	O	0.2	35.77					2'-5'
VEW6-15'	C		2.92					12'-15'
VEW6-25'	C		2.95					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	2.3	35.65	2910	69.7			2'-5'
VEW18-5'	O	0.2	35.22	6301	69.8			2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet N	**Midpoint:**	**Outlet** N	**Inlet/Outlet use Shift FULL SCAN**
STATUS DEPARTURE:	ON	OFF	**Drums:** NA	

Notes: List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

7115 Universal
1551 E Orangethorpe Ave., Fullerton CA

two 1000 lb carbon vessels
various locations permit F95132

RB | 54.11 | WED | 8:00A

ON | OPERATING HOURS | 17196.8 | NONE

Amps: 16.88/17.01/16.65 A
3222/2181 scfm
70.5 F
Inlet 2.0 ppm
FID MINI RAE 3000

Manual: 0 %open
43.75 "H2O
3222/ fpm
Outlet 0.0 Midpoint 0.4 ppm
Calibration (type/date) HEXANE 50 / 5-2-11

O	10.7	45.65	3165/11	69.7	N	
O	182.1	46.23	WET	WET		
C		4.28				
C		0.00				
C		1.44				
C		1.46				
O	0.2	46.20	2801/[illegible]	68.9		
C		18.71				
C		1.45				
C		0.00				
O	0.2	35.27	2781/[illegible]	69.3		
C		2.93				
C		2.94				
O	2.2	34.72	2897/[illegible]	69.2		
O	0.2	35.65	8281/[illegible]	69.3		

SITE SPECIFIC INSTRUCTIONS

Yes/No

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note

Yes/No

Inlet | Outlet

ON | OFF | NA

Notes: List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

[redacted]	7115 Universal	[redacted]	two 1000 lb carbon vessels
[redacted]	1551 E Orangethorpe Ave., Fullerton CA	[redacted]	various locations permit F95132
[redacted]	RB	5-9-11	NON [redacted] 8:00
[redacted]	OFF [redacted]	[redacted]	1 TRIPPED, OVERLOAD
[redacted]	Amps: 16.75/18.06/16.24 A	[redacted]	Manual: 5 %open
[redacted]	2432 / 212.3 scfm	[redacted]	48.15 "H₂O
[redacted]	68 F	[redacted]	2432 fpm
[redacted]	Inlet: 3.0 ppm	Outlet: 1.2	Midpoint: 1.0 ppm
[redacted]	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50 5-9-11

[redacted]

8	6.3	46.75	3902/85	68.8	Y	
8	310.1	48.82	WET	WET	Y	
0	2.4	37.52	3380/43.6	68.3	Y	
0	1.0	37.14	1785/10.9	67.2	Y	

[redacted]

SITE SPECIFIC INSTRUCTIONS

[redacted] (Yes)/No

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note.

[redacted] (Yes)/No

Inlet: Y	[redacted]	Outlet: Y	[redacted]
(ON)	OFF	[redacted]	NA

Notes: List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement, 500 cfm blower capacity

CLIENT/SITE	7115 Universal	Units:	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	Permit No.:	various locations permit F95132
TECHNICIAN	Name: RB	Date: 5-18-11	Weekday: TUES Time: 9:40
ARRIVAL STATUS:	OFF	OPERATING HOURS: 17255.8	Alarms: 1 LOW BLOWER VAC

Carbon System

Blower	Amps. 18.05/20.25/19.10 A	Dilution Valve:	Manual: 5 %open
Process Flow	2381/2077.8 scfm	Manifold Vacuum.:	49.89 "H2O
Carbon Inlet Temperature	63.1 F	Source Flow:	2381 fpm
VES Process Concentrations	Inlet 3.7 ppm	Influent:	Outlet 0.1 Midpoint 1.2 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50 / 5-16-11

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW2-5'	O	91	47.17	369/[illegible]	62.1			2'-5'
VEW2-15'	O	311.2	47.28	WET	WET			12'-15'
VEW2-25'	C		3.72					22'-25'
VEW4-5'	C		0.00					2'-5'
VEW4-15'	C		1.10					12'-15'
VEW4-25'	C		0.00					22'-25'
VEW5-5'	C		0.08					2'-5'
VEW5-15'	C		0.32					12'-15'
VEW5-25'	C		0.83					22'-25'
VEW5-60'	C		0.85					45'-60'
VEW6-5'	C		0.36					2'-5'
VEW6-15'	C		2.41					12'-15'
VEW6-25'	C		2.46					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	2.3	36.26	320/[illegible]	63.1			2'-5'
VEW18-5'	O	1.0	36.18	79[illegible]/[illegible]	63.2			2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
* SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note.

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet	Midpoint:	Outlet.	Inlet/Outlet use ID04 FULL SCAN
STATUS DEPARTURE:	ON	OFF	Drums:	NA

Notes: List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 hours power positive displacement, 300 cfm blower capacity

CLIENT/SITE	7115 Universal	Units	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	Permit No.	various locations permit F95132
TECHNICIAN	Name: RB	Date: 5-24-11	Weekday: TUES Time: 9:45
ARRIVAL STATUS:	OFF	OPERATING HOURS: 17282.7	Alarms: 1 TRIPPED OVERLOAD

Carbon System

Blower	Amps: 18.59/14.02/17.85 A	Dilution Valve:	Manual 10 %open
Present Flow	3190/278 scfm	Manifold Vacuum:	48.07 "H_2O
Carbon Inlet Temperature	74.1 F	Source Flow:	3190 fpm
VES Process Concentrations	Inlet: 3.8 ppm	In-Process:	Outlet: 1.2 Midpoint 2.4 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50 5-24-11

VAPOR EXTRACTION WELLS

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Extraction Well Data: Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	O	8.4	46.16	3561/7	70.2	N		2'-5'
VEW3-15'	O	294.1	46.29	WET	WET			12'-15'
VEW3-25'	C		3.28					22'-25'
VEW4-5'	C		0.00					2'-5'
VEW4-15'	C		1.43					12'-15'
VEW4-25'	C		1.26					22'-25'
VEW5-5'	C		0.10					2'-5'
VEW5-15'	C		0.29					12'-15'
VEW5-25'	C		0.83					22'-25'
VEW5-60'	C		0.82					45'-60'
VEW6-5'	C		0.35					2'-5'
VEW6-15'	C		2.90					12'-15'
VEW6-25'	C		2.85					22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'	O	2.3	32.16	3212/700	69.2			2'-5'
VEW18-5'	O	1.0	37.12	7615/1638	69.3			2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
* SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note.

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet N	Midpoint:	Outlet N		Inlet/Outlet use 8260 FULL SCAN
STATUS DEPARTURE:	ON	OFF	Drums:	NA	

Notes, List all activities, observations, recommendations

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132

TECHNICIAN	**Name:** DJB	**Date:**	6-4-11	**Weekday:**	SAT	**Time:**	8:00A
ARRIVAL STATUS:	OFF	**OPERATING HOURS:**	17283.4	**Alarms:**	LOW BLOWER VAC		

Carbon System

Blower	Amps: 19.59/18.42/17.60 A	**Dilution Valve:**	Manual 5 %open
Process Flow	2701/2357 scfm	**Manifold Vacuum.:**	30.60 "H_2O
Carbon Inlet Temperature	76.6 F	**Source Flow:**	2701 fpm
VES Process Concentrations	Inlet: 3.7 ppm	**Influent:**	Outlet 1.0 Midpoint: 2.4 ppm
Monitoring Device	FID MINI RAE 3000	Calibration (type/date)	HEXANE 50

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'								2'-5'
VEW3-15'								12'-15'
VEW3-25'								22'-25'
VEW4-5'								2'-5'
VEW4-15'								12'-15'
VEW4-25'								22'-25'
VEW5-5'								2'-5'
VEW5-15'								12'-15'
VEW5-25'								22'-25'
VEW5-60'								45'-60'
VEW6-5'								2'-5'
VEW6-15'								12'-15'
VEW6-25'								22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'								2'-5'
VEW18-5'								2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

SITE SPECIFIC INSTRUCTIONS

All activities must be uploaded to excel spreadsheet in remediation folder before leaving the property

All O&M activities must be conducted every seven days unless otherwise indicated by a "*Monthly*" note.

MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet	Midpoint	Outlet	Inlet/Outlet use EMP FULL SCAN
STATUS DEPARTURE:	ON		**Drums:** NA	

Notes. List all activities, observations, recommendations

NOTICE BLOWER LEAKING AROUND CASING THINK SEALS WENT BAD SO IN TURN A RESULT MAY BE LOW BLOWER VAC.

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132
TECHNICIAN	**Name:** RB	**Date:** 6-9-11	**Weekday:** THURS **Time:** 3:00P
ARRIVAL STATUS:	OFF	**OPERATING HOURS:** 17285.9	**Alarms:** 1 LOW VAC

Carbon System

Blower	Amps:	A	**Dilution Valve:**	Manual	%open
Process Flow		scfm	**Manifold Vacuum.:**		"H-O
Carbon Inlet Temperature		F	**Source Flow:**		fpm
VES Process Concentrations	Inlet	ppm	**Influent:**	Outlet: Midpoint	ppm
Monitoring Device	FID		Calibration (type/date)		

N/A

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
VEW3-5'	N/A							2'-5'
VEW3-15'								12'-15'
VEW3-25'								22'-25'
VEW4-5'								2'-5'
VEW4-15'								12'-15'
VEW4-25'								22'-25'
VEW5-5'								2'-5'
VEW5-15'								12'-15'
VEW5-25'								22'-25'
VEW5-60'								45'-60'
VEW6-5'								2'-5'
VEW6-15'								12'-15'
VEW6-25'								22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
VEW17-5'								2'-5'
VEW18-5'								2'-5'

COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

VES Flow Rate <250 SCFM?	Yes/No
Discharge Temperature	Yes/No
SVE Concentration Outlet < 50 ppmv	Yes/No

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MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet	Midpoint	Outlet	Inlet/Outlet use 8260 FULL SCAN
STATUS DEPARTURE:	ON	OFF	**Drums:**	NA

Notes: List all activities, observations, recommendations

CALLED P.M. EXPLAINED COULDNT KEEP SYSTEM RUNNING & WAS INSTRUCTED TO LEAVE SYSTEM OFF UNTIL FURTHER NOTICE

The Reynolds Group

Vapor Extraction/HVES Monitoring Log

SITE INFORMATION — Blower 1500 horse power positive displacement; 500 cfm blower capacity

CLIENT/SITE	7115 Universal	**Unit:**	two 1000 lb carbon vessels
ADDRESS	1551 E Orangethorpe Ave., Fullerton CA	**Permit No.:**	various locations permit F95132

TECHNICIAN	**Name:** RB	**Date:**	6·16·11	**Weekday:**	THURS	**Time:**	8:00A
ARRIVAL STATUS:	OFF	**OPERATING HOURS:**		**Alarms:**			

Carbon System

Blower	Amps A	**Dilution Valve:**		Manual	%open
Process Flow	scfm	**Manifold Vacuum:**			"H_2O
Carbon Inlet Temperature	F	**Source Flow:**			fpm
VES Process Concentrations	Inlet: ppm	**Influent:**	Outlet:	Midpoint	ppm
Monitoring Device	FID	Calibration (type/date)		/	

VAPOR EXTRACTION WELLS

Extraction Well Data

WELL NO.	Status O/C	Conc. (ppmv)	Vacuum ("wc)	Flow (fpm) 2" well	Vapor Temp	Well Sampled Y/N		Well Screen (ft)
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VEW4-15'								12'-15'
VEW4-25'								22'-25'
VEW5-5'								2'-5'
VEW5-15'								12'-15'
VEW5-25'								22'-25'
VEW5-60'								45'-60'
VEW6-5'								2'-5'
VEW6-15'								12'-15'
VEW6-25'								22'-25'
VEW7-5'								2'-5'
VEW7-15'								12'-15'
VEW8-5'								2'-5'
VEW8-15'								12'-15'
VEW9-5'								2'-5'
VEW9-15'								12'-15'
VEW9-25'								22'-25'
VEW10-5'								2'-5'
VEW10-15'								12'-15'
VEW11-5'								2'-5'
VEW11-15'								12'-15'
VEW11-25'								22'-25'
VEW12-5'								2'-5'
VEW12-15'								12'-15'
VEW12-25'								22'-25'
VEW12-60'								45'-60'
VEW13-5'								2'-5'
VEW13-15'								12'-15'
VEW13-25'								22'-25'
VEW14-5'								2'-5'
VEW14-15'								12'-15'
VEW15-5'								2'-5'
VEW15-15'								12'-15'
VEW16-5'								2'-5'
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COMPLIANCE

DO NOT OPERATE VES UNLESS CONDITIONS ARE SATISFIED

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Discharge Temperature	Yes/No
*** SVE Concentration Outlet < 50 ppmv**	Yes/No

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MONTHLY CERTIFIED VAPOR SAMPLING

Tedlar Bag Samples Y / N	Inlet:	Midpoint	Outlet:		Inlet/Outlet use 8260 FULL SCAN
STATUS DEPARTURE:	ON	OFF	**Drums:**	NA	

Notes: List all activities, observations, recommendations

TO DAY DISASSEMBLED BLOWER FROM SKID SO THAT IT COULD BE TAKEN IN TO TUTTHILL BLOWERS TO GET SERVICED