Precision Castparts Corp.

February 15, 2012

Mr. Mark E. Detterman, PG, CEG
Environmental Protection
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: **Fuel Leak Case No. R0000320, Former Paco Pumps, Inc., 9201 San Leandro Street, Oakland, CA: Groundwater Monitoring Report and Request to Conduct Semi-Annual Sampling**

Dear Mr. Detterman:

Please find enclosed the *Second Semi-Annual 2011 Groundwater Monitoring Report* (GMR) for the Former Paco Pumps facility located at 9201 San Leandro in Oakland, California, Case No. R0000320. The December 2011 monitoring data, which have been uploaded to Geotracker, represent groundwater conditions approximately one and one half year after the dual-phase extraction (DPE) near and downgradient of the former gasoline underground storage tank (UST) area, previously referred to as AREA 4. The sampling method and analyses included the silica gel analyses you requested, and the increased number of wells sampled. The results of the sampling as described in the attached report document essentially similar conditions to the previous sampling event. The Remedial Investigation (RI) Workplan submitted in January 2012 proposed the installation of an additional monitoring well southwest of the Area 4 building, and that new well is proposed to be sampled quarterly.

Therefore, while awaiting your approval of the RI Workplan, we are also requesting concurrence that semi-annual sampling as proposed in the attached report is acceptable for this site at this time.

I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the

information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowi.ng violations.

Sincerely,

Dave Murray
PCC Flow Technologies, Inc.

Enclosure

cc: Mr. Scott Kaplan, Stoel Rives LLP
Mr. Mark Zeppetello, Barg Coffin Lewis & Trapp, LLP
Mr. Paul Parmentier, The Source Group

FORMER PACO PUMPS OAKLAND FACILITY
SECOND SEMI-ANNUAL 2011 GROUNDWATER MONITORING REPORT
January 28, 2012

Location:	9201 San Leandro St., Oakland, CA
Former PACO Pumps Site Contact/Phone	Mr. Dave Murray (503) 777-7494
Primary Consultant/Contact Person/Phone	SGI / Paul Parmentier / (562) 597-1055 x106
SGI Project Number	04-PFT-001
Lead Agency / Contact Person	ACEH / Mr. Mark E. Detterman
Agency Case No.	R0000320
Other Agencies to Receive Copies	N/A

INTRODUCTION:

This report presents the results of the second semi-annual 2011 groundwater monitoring and sampling event, and includes a section on data interpretation and recommendations. The fourth quarter 2011 monitoring event was conducted as part of the Alameda County Environmental Health (ACEH)-instructed semi-annual monitoring schedule, and as a means to further evaluate groundwater conditions following 2010 dual-phase extraction (DPE) activities.

SITE REMEDIATION SUMMARY:

In 1992, the gasoline underground storage tank (UST) at the site was removed, and soil around the former UST was excavated. Multiple phases of investigation, including pilot testing, have been conducted to evaluate the elevated petroleum hydrocarbon concentrations that remained in the subsurface following these activities.

Although a workplan for in-situ treatment was submitted in 2009, a revised workplan was submitted in November 2009 (The Source Group, October 2009). Due to the predominance of clay, in-situ remedial methods were not considered applicable to the site, and a temporary, aggressive extraction approach rather than semi-permanent low-flow remediation methods were proposed. In 2010, 12 extraction wells were installed in the vicinity and downgradient of the former UST. In April and June 2010, DPE of vapor and groundwater was conducted, resulting in the removal of an estimated 1,590 pounds of hydrocarbons, and approximately 41,000 gallons of hydrocarbon-bearing groundwater. The remediation activities confirmed that the subsurface consists of fine-grained (low permeability) vadose soil that would limit the effectiveness of any in-situ active remediation method.

An evaluation of the hydrocarbon concentrations, including benzene, in subsurface and potential exposures via indoor air inhalation indicated that the associated human health risk estimates were within acceptable ranges. At the request of ACEH, a workplan (*Sub-Slab Vapor Survey and Remedial Investigation Work Plan* (RI Workplan) for subslab soil gas sampling was submitted to ACEH to confirm the previous soil gas interpretations.

The RI workplan also included the proposed installation of a monitoring well located at the former soil boring location GP-8, and monitored attenuation sampling.

GROUNDWATER MONITORING [SECOND SEMI-ANNUAL 2012]:

1. Conducted the second semi-annual 2011 groundwater monitoring and sampling event on December 15 and 16, 2011.
2. Depth to groundwater measured in December 2011 was similar to previous measurements and ranged from approximately 6.88 to 9.73 feet below the top of well casings. Associated groundwater elevations ranged from 9.00 to 10.49 feet above Mean Sea Level. Groundwater elevation contours are presented on Figure 3 and are similar to previous groundwater gradient maps. The horizontal hydraulic gradient was toward the west approximately 0.006 ft/ft with local variations. As noted in recent monitoring events, no free-phase hydrocarbons were measured in any of the wells.

3. Gasoline-range organics (GRO, total petroleum hydrocarbons as gasoline [TPHg]) were reported in 18 of the 24 well samples. Where reported, concentrations were generally within historic ranges with 27.1 µg/L (estimated) to 35,100 µg/L reported (Figure 4 and Table 2). Since the second quarter of 2010, GRO concentrations increased slightly at well MW-6, AS-1S, and E11, and decreased in wells MW-3, MW-4, ASMW-2S, E1, E-7, and E-12. GRO was not reported at detected concentrations in samples collected from wells MW-2, MW-1, MW-5, MW-7, MW-8, ASMW-2D, E2, and MW-4.
4. Diesel-range organics (DRO, total petroleum hydrocarbons as diesel [TPHd]) were reported in 18 of the 24 well samples. Where reported, concentrations were generally within historic ranges with 69.9 µg/L (estimated) to 13,900 µg/L reported (Table 2). Since the second quarter of 2010, DRO concentrations increased slightly at well MW-3, MW-6, AS-1S, and ASMW-2S, and decreased in wells MW-5, E7, and E8. DRO was not reported at detected concentrations in samples collected from wells MW-1, MW-5, MW-7, MW-8, E2, and MW-4. As requested by the RWQCB, DRO was analyzed using Environmental Protection Agency (EPA) method 8015B with Silica Gel Cleanup (SGC).
5. Total petroleum hydrocarbons as motor oil [TPHmo]) were reported in 14 of the 24 well samples. Where reported, concentrations were generally within historic ranges with 130 µg/L (estimated) to 15,600 µg/L reported (Table 2). Since the second quarter of 2010, TPHmo concentrations increased slightly at well MW-1, MW-6, and MW-7, and decreased in wells MW-2, MW-3, and E2. TPHmo was not reported at detected concentrations in samples collected from wells MW-3, AS-1D, ASMW-2D, E1, E7, E8, E9, E10, E11, and E12. As requested by the RWQCB, TPHmo was analyzed using EPA method 8015B with SGC.
6. Benzene was reported in 18 of the 24 well samples. Where reported, concentrations were generally within historic ranges with 0.76 µg/L (estimated) to 4,810 µg/L reported (Figure 4 and Table 2). Since the second quarter of 2010, benzene concentrations increased in wells MW-6, AS-1S, and E11, and decreased in wells MW-3, ASMW-2S, E1, E7, E12, and MW-4. Benzene was not reported at detected concentrations in samples collected from wells MW-2, MW-1, MW-5, MW-8, E2, and E5.
7. Methyl tertiary-butyl ether (MTBE) was reported in five of the 24 well samples (see Table 2). Where reported, concentrations ranged from 0.74 µg/L (estimated) to 4.4 µg/L, which are below State drinking water standards.
8. 1,2-Dichloroethane (1,2-DCA) was reported in five of the 24 wells samples. Where reported, concentrations ranged from 1.0 µg/L to 37 µg/L (Table 2). Since the second quarter 2010 sampling event, concentrations of 1,2-DCA decreased in wells MW-6, AS-1S, E2, and E-12.

MONITORING SUMMARY:

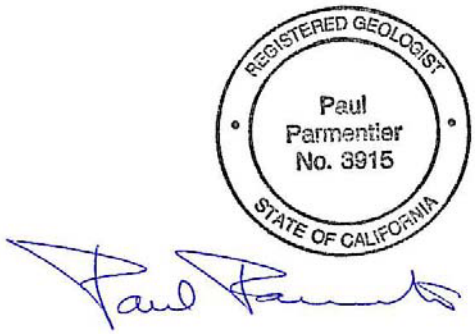
Current Phase of Project:	Groundwater Monitoring
Frequency of Monitoring/Sampling:	Semi-annual (per RWQCB's directive letter dated 6/15/2009)
Wells Sampled and/or Gauged this Quarter	MW-1 through MW-8, AS-1S, AS-1D, ASMW-2S, ASMW-2D E1 through E12
Depth to Groundwater (all wells had no LPH):	6.88 to 9.73 feet below top of casings
Groundwater Gradient Direction/Magnitude:	West at approximately 0.006 ft/ft.
Gradient Consistent w/Previous Quarters:	Yes
GRO Concentration Range:	ND (27.1 µg/L) to 35,100 µg/L
Well with Highest GRO Concentration:	MW-3
Benzene Concentration Range:	ND (<1.0 µg/L) to 2,180 µg/L
Well with Highest Benzene Concentration:	E9
MTBE Concentration Range:	0.74 µg/L (estimated) to 4.4 µg/L
Well with Highest MTBE Concentration:	E7

Separate Phase Hydrocarbons Present: Yes No **X**	None
Maximum Hydrocarbon Thickness:	N/A
Wells and/or Surface Water within 2,000 feet:	None
Distance and Direction from Site:	N/A
Current Remediation Techniques:	Natural Attenuation
Free Product Recovered Manually this Quarter:	None
Gallons of Groundwater Purged this Quarter:	236.4
Disposal/Recycling Facility:	Demenno Kerdoon, Compton, CA-Pending
Summary of Unusual Activity:	None
Agency Directive Requirements:	Groundwater Monitoring, RI Workplan (submitted)

Recommendations

In a November 1, 2011 correspondence, the RWQCB requested monitoring and sampling of recently installed monitoring wells (E1 through E12) be conducted on a quarterly basis for one year. However, these wells were installed as remediation wells that are spaced approximately 20-40 feet apart in an area already documented to contain dissolved hydrocarbons. Monitoring wells E2, E7, and E8 are located downgradient, southwest of the former UST area and have been sampled three to four times since June of 2010. SGI's January 2012 RI Workplan included a proposal to install one additional monitoring well southwest of wells E-6 and E-7, and that well will be monitored and sampled on a quarterly basis for one year.
Therefore SGI proposes that all wells at the site be sampled semi-annually, and that the proposed well be sampled quarterly after installation.

As recommended by ACEH, groundwater samples collected during upcoming monitoring and sampling events will be analyzed for TPHd and TPHmo using EPA method 8015B with SGC.



REVIEWED BY: _____ DATE: Feb 13 2012
Paul Parmentier, CHG

ATTACHMENTS:

- Current Groundwater Analysis and Gauging Results (Table 1)
- Historical Groundwater Analysis and Gauging Results (Table 2)
- Site Location Map (Figure 1)
- Site Map With Well Locations (Figure 2)

- Groundwater Gradient Map – December 2011 (Figure 3)
- Groundwater Concentrations Benzene and Total Petroleum Hydrocarbons – December 2011 (Figure 4)
- Groundwater Monitoring Field Data Sheets
- Groundwater Sampling Laboratory Report and Chain-of-Custody

DISTRIBUTION:

- Mr. Dave Murray, PCC Flow Technologies
- Mr. Vignoles, Site Owner

TABLES

Table 1
Current and Historical Groundwater Elevations
Paco Pump
9201 San Leandro Street
Oakland, California

Well Identification	Date Collected	Top-of-Casing Elevation [1]	Depth to Groundwater [2]	Groundwater Elevation [1]
MW-1	15-Nov-92	18.05	9.34	8.71
	9-Mar-93		8.50	9.55
	21-Jul-93		9.00	9.05
	26-May-94		9.06	8.99
	24-Aug-94		8.40	9.65
	22-Nov-94		8.20	9.85
	8-Feb-95		8.30	9.75
	31-May-95		9.35	8.70
	8-Aug-95		9.16	8.89
	29-Nov-95		9.28	8.77
	29-Feb-96		7.62	10.43
	23-May-96		8.28	9.77
	4-Nov-96		9.20	8.85
	13-May-97		9.04	9.01
	14-Nov-07		8.50	9.55
	17-Jun-08		9.04	9.01
	13-Jan-09	17.76	8.65	9.11
	28-Apr-09		8.67	9.09
	6-Nov-09		8.79	8.97
	28-Jun-10		8.77	8.99
	30-Dec-10		7.20	10.56
	8-Jun-11		8.12	9.64
	15-Dec-11		8.76	9.00
MW-2	15-Nov-92	19.40	10.05	9.35
	9-Mar-93		9.21	10.19
	21-Jul-93		9.72	9.68
	26-May-94		9.58	9.82
	24-Aug-94		9.98	9.42
	22-Nov-94		8.70	10.70
	8-Feb-95		8.68	10.72
	31-May-95		9.48	9.92
	8-Aug-95		9.64	9.76
	29-Nov-95		9.86	9.54
	29-Feb-96		8.12	11.28
	23-May-96		8.70	10.70
	4-Nov-96		9.50	9.90
	13-May-97		9.44	9.96
	14-Nov-07		8.94	10.46
	17-Jun-08		9.57	9.83
	13-Jan-09	19.12	9.21	9.91
	28-Apr-09		9.30	9.82
	6-Nov-09		8.91	10.21
	28-Jun-10		9.33	9.79
	30-Dec-10		7.52	11.60
	8-Jun-11		8.52	10.60
	15-Dec-11		9.25	9.87

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MW-3	15-Nov-92	19.70	10.35	9.35
	9-Mar-93		9.19	10.51
	21-Jul-93		11.07	8.63
	26-May-94		10.04	9.66
	24-Aug-94		11.08	8.62
	22-Nov-94		8.92	10.78
	8-Feb-95		8.90	10.80
	31-May-95		10.16	9.54
	8-Aug-95		9.92	9.78
	29-Nov-95		10.7	9.00
	29-Feb-96		8.52	11.18
	23-May-96		8.15	11.55
	4-Nov-96		7.21	12.49
	13-May-97		9.82	9.88
	14-Nov-07		9.21	10.49
	17-Jun-08		9.81	9.89
	13-Jan-09	19.42	9.58	9.84
	28-Apr-09		9.59	9.83
	6-Nov-09		9.52	9.90
	28-Jun-10		9.60	9.82
	30-Dec-10		7.74	11.68
	8-Jun-11		8.80	10.62
	15-Dec-11		9.54	9.88
MW-4	15-Nov-92	19.65	8.87	10.78
	9-Mar-93		7.96	11.69
	21-Jul-93		8.06	11.59
	26-May-94		8.57	11.08
	24-Aug-94		8.75	10.90
	22-Nov-94		7.41	12.24
	8-Feb-95		7.20	12.45
	31-May-95		8.32	11.33
	8-Aug-95		8.66	10.99
	29-Nov-95		8.93	10.72
	29-Feb-96		6.54	13.11
	23-May-96		7.24	12.41
	4-Nov-96		8.58	11.07
	13-May-97		8.42	11.23
	14-Nov-07		7.61	12.04
	17-Jun-08		8.31	11.34
	13-Jan-09	19.37	NM	NM
	28-Apr-09		NM	NM
	6-Nov-09		8.00	11.37
	28-Jun-10		8.05	11.32
	30-Dec-10		5.70	13.67
	8-Jun-11		6.88	12.49
	15-Dec-11		8.88	10.49

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Paco Pump
9201 San Leandro Street
Oakland, California

Well Identification	Date Collected	Top-of-Casing Elevation [1]	Depth to Groundwater [2]	Groundwater Elevation [1]
MW-5	24-Aug-94	18.49	8.22	10.27
	22-Nov-94		7.90	10.59
	8-Feb-95		7.92	10.57
	31-May-95		8.74	9.75
	8-Aug-95		8.93	9.56
	29-Nov-95		9.11	9.38
	29-Feb-96		7.36	11.13
	23-May-96		7.92	10.57
	4-Nov-96		8.78	9.71
	13-May-97		8.82	9.67
	14-Nov-07		8.16	10.33
	17-Jun-08		8.75	9.74
	13-Jan-09	18.21	8.46	9.75
	28-Apr-09		8.50	9.71
	6-Nov-09		9.93	8.28
	28-Jun-10		8.42	9.79
	30-Dec-10		6.68	11.53
	8-Jun-11		7.64	10.57
	15-Dec-11		8.45	9.76
MW-6	13-Jan-09	19.46	9.59	9.87
	28-Apr-09		9.65	9.81
	6-Nov-09		9.60	9.86
	28-Jun-10		9.54	9.92
	30-Dec-10		7.80	11.66
	8-Jun-11		8.74	10.72
	15-Dec-11		9.64	9.82
MW-7	13-Jan-09	19.44	9.66	9.78
	28-Apr-09		9.67	9.77
	6-Nov-09		9.64	9.80
	28-Jun-10		NM	NM
	30-Dec-10		7.89	11.55
	8-Jun-11		8.79	10.65
	15-Dec-11		9.64	9.80
MW-8	28-Jun-10	18.27	8.07	10.20
	30-Dec-10		5.92	12.35
	8-Jun-11		7.30	10.97
	15-Dec-11		7.86	10.41
AS-1S	13-Jan-09	19.38	9.45	9.93
	28-Apr-09		9.67	9.71
	6-Nov-09		9.63	9.75
	28-Jun-10		9.90	9.48
	30-Dec-10		7.65	11.73
	8-Jun-11		8.65	10.73
	15-Dec-11		9.01	10.37
ASMW2S	13-Jan-09	19.38	9.51	9.87
	28-Apr-09		9.55	9.83
	6-Nov-09		9.53	9.85
	28-Jun-10		10.30	9.08

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Oakland, California

Well Identification	Date Collected	Top-of-Casing Elevation [1]	Depth to Groundwater [2]	Groundwater Elevation [1]
	30-Dec-10		7.73	11.65
	8-Jun-11		8.70	10.68
	15-Dec-11		9.51	9.87
AS-1D	13-Jan-09	19.31	9.42	9.89
	28-Apr-09		9.48	9.83
	6-Nov-09		9.50	9.81
	28-Jun-10		9.90	9.41
	30-Dec-10		7.65	11.66
	8-Jun-11		8.60	10.71
	15-Dec-11		9.47	9.84
ASMW-2D	13-Jan-09	19.52	9.65	9.87
	28-Apr-09		9.69	9.83
	6-Nov-09		9.70	9.82
	28-Jun-10		9.70	9.82
	30-Dec-10		7.88	11.64
	8-Jun-11		8.85	10.67
	15-Dec-11		9.65	9.87
E-1	15-Dec-11		9.43	
E-2	30-Dec-10	19.56	7.95	11.61
	8-Jun-11		8.91	10.65
	15-Dec-11		9.70	9.86
E-3	15-Dec-11		9.72	
E-4	15-Dec-11		9.60	
E-5	15-Dec-11		9.69	
E-6	15-Dec-11		9.61	
E-7	30-Dec-10	19.59	7.95	11.64
	8-Jun-11		8.89	10.70
	15-Dec-11		9.72	9.87
E-8	30-Dec-10	19.59	7.96	11.63
	8-Jun-11		8.88	10.71
	15-Dec-11		9.73	9.86
E-9	15-Dec-11		9.63	
E-10	15-Dec-11		9.44	
E-11	15-Dec-11		9.28	
E-12	15-Dec-11		8.89	

Notes:
[1] Top-of-casing and groundwater elevation in North America Vertical Datum 1988; wells re-surveyed by Tronoff Assocaites Land Surveying on February 2, 2009.
[2] Depth to water measured in feet below top of casing.

Table 2
Current and Historical Analytical Results for Volatile Organic Compounds in Groundwater
Paco Pump
9201 San Leandro Street
Oakland, California

concentrations (µg/L)

Sample Location	Date Collected	Depth (feet bgs)	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Other Fuel Additives
LFR Area 1 - Southwestern Corner of the Site, west of the "workshop building"											
MW-2	16-Nov-92	5.25-20.25	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	9-Mar-93		**430**	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	21-Jul-93		<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	29-Jan-94		<50	NA	<50	<2.0	<2.0	<2.0	<2.0	NA	NA
	26-May-94		<50	NA	<50	**2.3**	0.8	<0.5	<0.5	NA	NA
	24-Aug-94		<50	NA	<50	**3.1**	1.4	0.5	0.6	NA	NA
	22-Nov-94		<50	NA	<50	**3.4**	1.8	<0.5	0.5	NA	NA
	8-Feb-95		<50	NA	<50	**4.5**	1.3	<0.5	0.5	NA	NA
	31-May-95		<50	NA	NA	NA	NA	NA	NA	NA	NA
	8-Aug-95		<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	29-Nov-95		<50	NA	NA	NA	NA	NA	NA	NA	NA
	29-Feb-96		<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	23-May-96		<50	NA	NA	NA	NA	NA	NA	NA	NA
	4-Nov-96		<50	NA	NA	NA	NA	NA	NA	NA	ND
	13-Nov-03		NA	NA	<50	<0.5	<0.5	<0.5	<2.0	NA	ND
	17-Jun-08		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	1.1	ND
	6-Nov-09		**360**	NA	<50	<0.5	<0.5	<0.5	<1.0	0.63	ND
	28-Jun-10		53.4J	NA	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	30-Dec-10		<280	**3,240**	29.2 J [a]	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	8-Jun-11		NA	NA	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	15-Dec-11		95/<94*	**422/311***	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
LFR Area 2 - Area South of the Warehouse Storage Area Building Adjacent to the Southern Property Boundary											
MW-1	15-Nov-92	5.25-20.25	<50	NA	NA	NA	NA	NA	NA	NA	NA
	9-Mar-93		**140**	NA	NA	NA	NA	NA	NA	NA	NA
	21-Jul-93		<50	NA	NA	NA	NA	NA	NA	NA	NA
	29-Jan-94		<50	NA	NA	NA	NA	NA	NA	NA	NA
	26-May-94		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	24-Aug-94		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	22-Nov-94		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	8-Feb-95		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	31-May-95		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	23-May-96		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	27-Oct-00		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA
	14-Nov-07		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<2.0	NA
	17-Jun-08		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	0.67	NA
	6-Nov-09		<51	NA	<50	<0.5	<0.5	<0.5	<1.0	<0.5	ND
	28-Jun-10		56.8J	NA	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	30-Dec-10		<94	**114 J**	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	16-Dec-11		<94*	**522***	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
LFR Area 4 - Former UST near Groundwater Monitoring Well MW-3											
MW-3	16-Nov-92	5.25-20.25	<50	NA	**40,000**	**2,900**	**6,100**	**550**	**1,700**	NA	NA
	9-Mar-93		**290**	NA	**12,000**	**1,000**	**300**	**110**	**170**	NA	NA
	21-Jul-93		<50	NA	**3,400**	**420**	**63**	**36**	**37**	NA	NA
	29-Jan-94		<50	NA	**5,600**	**910**	**220**	**47**	**36**	NA	NA
	26-May-94		<50	NA	**5,200**	**890**	**180**	**45**	**43**	NA	NA
	24-Aug-94		<50	NA	**5,200**	**580**	**76**	29	**22**	NA	NA
	22-Nov-94		<50	NA	**2,200**	**670**	**130**	**31**	**28**	NA	NA
	8-Feb-95		<50	NA	**2,900**	**780**	**120**	**31**	**33**	NA	NA
	31-May-95		NA	NA	**9,100**	**2,800**	**160**	**91**	**72**	NA	NA
D	31-May-95		NA	NA	**5,300**	**1,300**	**170**	**37**	**44**	NA	NA

Table 2
Current and Historical Analytical Results for Volatile Organic Compounds in Groundwater
Paco Pump
9201 San Leandro Street
Oakland, California

concentrations (µg/L)

Sample Location	Date Collected	Depth (feet bgs)	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Other Fuel Additives
MW-3	28-Aug-95		NA	NA	**1,400**	<0.5	<0.5	1.7	8.9	NA	NA
D	28-Aug-95		NA	NA	**4,800**	**2,500**	**150**	**53**	**44**	NA	NA
	29-Nov-95		NA	NA	**3,000**	**780**	**43**	**32**	**32**	NA	NA
D	29-Nov-95		NA	NA	**2,400**	**830**	38	21	16	NA	NA
	29-Feb-96		NA	NA	**3,800**	**1,200**	**130**	**36**	**35**	NA	NA
D	29-Feb-96		NA	NA	**8,000**	**3,400**	**430**	**100**	**99**	NA	NA
	23-May-96		NA	NA	**6,900**	**3,300**	**340**	**71**	**74**	NA	NA
D	23-May-96		NA	NA	**4,300**	**3,200**	**350**	**72**	**74**	NA	NA
	4-Nov-96		NA	NA	**4,900**	**2,100**	**110**	**70**	**44**	NA	NA
D	4-Nov-96		NA	NA	**4,500**	**2,100**	**130**	**61**	**39**	NA	NA
	13-May-97		NA	NA	**10,000**	**4,800**	**530**	**100**	**92**	<100	NA
	26-Jan-98		NA	NA	**12,000**	**5,000**	**250**	**91**	**100**	NA	NA
	27-Oct-00		NA	NA	**19,000**	**9,000**	**1,000**	**250**	**130**	NA	NA
	3-Nov-03		NA	NA	**13,000**	**3,900**	**370**	**300**	**130**	<40	NA
	17-Jun-08		NA	NA	**13,000**	**4,400**	**600**	**300**	**150**	<100	NA
	6-Nov-09		**710**	NA	**13,000**	**3,400**	**400**	**310**	**220**	<2.5	**4.1** (1,2-DCA)
	28-Jun-10		**699**	NA	**22,200**	**1,740**	**2,100**	**318**	**1,060**	<50	ND
D	28-Jun-10		**722**	NA	**31,000**	**1,560**	**2,210**	**380**	**1,240**	<50	ND
	10-Aug-10		NA	NA	**12,000**	**1,400**	**1,200**	**190**	**540**	<13	ND
	30-Dec-10		**36,500**	**3,900**	**22,200**	**1,730**	**2,030**	**406**	**1,530**	<50	ND
	8-Jun-11		NA	NA	**20,400**	**2,180**	**2,040**	**273**	**765**	<25	ND
	16-Dec-11		**1,710/832***	**312 J/<190***	**9,000**	**1,220**	**1,290**	**163**	**518**	<25	ND
D	16-Dec-11		**1,530/2,530***	<570/<750*	**13,200**	**1,590**	**1,680**	**207**	**671**	<50	ND
MW-5	24-Aug-94	5.25-20.25	**130**	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
D	22-Nov-94		<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	8-Feb-95		<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	31-May-95		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	8-Aug-95		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	29-Feb-96		NA	NA	<50	0.6	<0.5	<0.5	<0.5	NA	NA
	13-May-97		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	27-Oct-00		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA
	13-Nov-03		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<2.0	NA
	17-Jun-08		NA	NA	<50	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	6-Nov-09		**1,300**	NA	<50	<0.5	<0.5	<0.5	<1.0	<0.5	ND
	28-Jun-10		**289**	NA	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	30-Dec-10		<94	**808**	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	16-Dec-11		<94/<95*	**681/547***	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
MW-6	14-Jan-09	10-17	NA	NA	**740**	**66**	**48**	6.3	**23**	1.2	**17** (1,2-DCA)
	6-Nov-09		**1,200**	NA	**4,500**	**1,300**	**270**	**110**	**44**	<2.5	**39** (1,2-DCA)
	28-Jun-10		**474**	NA	**3,810**	**484**	**284**	**78.7**	**233**	<10	**20.8** (1,2-DCA)
	10-Aug-10		NA	NA	**4,600**	**800**	**160**	**160**	**210**	<6.3	**12** (1,2-DCA)
	30-Dec-10		**2,470**	<380	**9,720**	**1,130**	**469**	**364**	**1,360**	<20	**20.7** (1,2-DCA)
	8-Jun-11		NA	NA	**8,140**	**1,460**	**377**	**206**	**515**	<20	**15.4** (1,2-DCA)
	16-Dec-11		**2,200/874***	**2,350/1,670**	**5,920**	**1,500**	**74.9**	**135**	**254**	<25	**12.4** (1,2-DCA)
AS-1S	13-Jan-09	14-17	NA	NA	**41,000**	**4,100**	**2,700**	**510**	**1,000**	<25	ND
	6-Nov-09		**1,300**	NA	**3,800**	**950**	7.3	**76**	**42**	<0.5	**3.1** (1,2-DCA)
	28-Jun-10		**214**	NA	**1,630**	**202**	26.2	9.1	**25.4**	2.1	**3.1** (1,2-DCA)
	10-Aug-10		NA	NA	**1,200**	**370**	**44**	**34**		<2.5	**2.6** (1,2 DCA)
	30-Dec-10		**2,790**	<570	**30,000**	**4,530**	**4,040**	**538**	**1,100**	<100	ND
	15-Dec-11		**1,340***	**582***	**7,640**	**772**	**788**	**290**	**590**	<20	ND

Table 2
Current and Historical Analytical Results for Volatile Organic Compounds in Groundwater
Paco Pump
9201 San Leandro Street
Oakland, California

concentrations (µg/L)

Sample Location	Date Collected	Depth (feet bgs)	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Other Fuel Additives
ASMW-2S	13-Jan-09	10-17	NA	NA	**9,100**	**2,800**	**430**	**140**	**230**	<10	**25** (1,2-DCA)
	6-Nov-09		**2,400**	NA	**18,000**	**4,700**	**540**	**330**	**530**	<2.5	**50** (1,2-DCA), **46** (TBA)
	28-Jun-10		**479**	NA	**8,330**	**416**	**434**	**151**	**583**	<33	ND
	10-Aug-10		NA	NA	**3,200**	**420**	**69**	**61**	**130**	<3.1	**3.4** (1,2 DCA)
	30-Dec-10		**3,440**	<2,000	**5,300**	**447**	**80.1**	**95.0**	**181**	ND<10	**5.7** (1,2 DCA)
	15-Dec-11		**998***	**148***	**2,250**	**253**	**19.8**	**49.9**	**77.4**	<10	ND
MW-7	14-Jan-09	20-28	NA	NA	<50	<0.5	<0.5	<0.5	<0.5	1.1	ND
	6-Nov-09		<52	NA	<50	<0.5	<0.5	<0.5	<1.0	1.3	ND
	30-Dec-10		<96	<190	<50	<1.0	<1.0	<1.0	<2.0	1.1	ND
	8-Jun-11		NA	NA	<50	<1.0	<1.0	<1.0	<2.0	1.0	ND
	16-Dec-11		<94*	832*	<50	0.67	<1.0	0.35 J	<2.0	0.88 J	ND
D	16-Dec-11		<94*	**1,730***	<50	0.62 J	<1.0	0.33 J	<2.0	0.91 J	ND
MW-8	28-Jun-10	8-18	<100	NA	<50	0.81J	1.3	0.41J	1.6 J	0.62J	ND
	30-Dec-10		<95	<190	<50	<1.0	<1.0	<1.0	<2.0	0.53J	ND
	8-Jun-11		NA	NA	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	16-Dec-11		<95*	155 J*	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
AS-1D	13-Jan-09	31-34	NA	NA	<50	0.69	0.54	<0.5	<0.5	<0.5	ND
	6-Nov-09		<53	NA	<50	<0.5	<0.5	<0.5	<1.0	<0.5	ND
	28-Jun-10		<94	NA	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	30-Dec-10		<94	<190	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	15-Dec-11		86.2 J*	<190*	27.6	1.7	3.1	0.54	2.3	<1.0	ND
ASMW-2D	13-Jan-09	24-34	NA	NA	<50	0.80	0.78	<0.5	<0.5	0.56	ND
	6-Nov-09		<51	NA	<50	<0.5	<0.5	<0.5	<1.0	0.58	ND
	28-Jun-10		<94	NA	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	30-Dec-10		<100	<200	<50	<1.0	<1.0	<1.0	<2.0	<1.0	ND
	15-Dec-11		96.1*	<190*	<50	0.76 J	0.99	<1.0	1.1	<1.0	ND
E1	16-Jun-10	8-18	NA	NA	**36,000**	**3,200**	**2,300**	**750**	**2,170**	<25	<25
	30-Jun-10		NA	NA	**124**	**11.7**	**9.4**	1.5	7.7	<1	0.31 (1,2 DCA)
	16-Dec-11		**323***	<190*	**1,700**	**55.5**	22.1	16.1	**27.6**	<5.0	ND
E2	16-Jun-10	8-18	NA	NA	72	**5.3**	5.9	0.89	4.9	2.1	**0.68** (1,2 DCA)
	30-Jun-10		NA	NA	<50	<1.0	<1.0	<1.0	<2.0	2.0	**0.5** (1,2 DCA)
	30-Dec-10		<190	**3,740**	<50	<1.0	<1.0	<1.0	<2.0	1.8	0.41 (1,2 DCA)
	8-Jun-11		NA	NA	<50	<1.0	<1.0	<1.0	<2.0	1.7	0.45 (1,2-DCA)
	15-Dec-11		<95/<96*	**1,570/1,270***	<50	<1.0	<1.0	<1.0	<2.0	1.2	ND
E3	16-Dec-11		**13,900***	**15,600***	**185**	1.2	<1.0	<1.0	<2.0	0.74 J	1.0 (1,2-DCA)
E4	16-Dec-11		**264***	**447***	**1,580**	**240**	9.9	18.3	5.8 J	<5.0	2.7 (1,2-DCA)
E5	15-Dec-11		**11,100***	**11,500***	27.1 J	<1.0	<1.0	<1.0	<2.0	0.83 J	ND
E6	15-Dec-11		**1,460***	**931***	**617**	**17.6**	<2.0	3.3	<4.0	<2.0	ND
E7	16-Jun-10	8-18	NA	NA	**780**	**100**	**73**	20	**80**	**5.2**	**1.9** (1,2 DCA)
	30-Jun-10		NA	NA	**3,460**	**207**	**258**	<25	**360**	3.8	**2.5** (1,2 DCA)
	30-Dec-10		**1,360**	<190	**3,380**	**339**	20.0	**83.3**	**23.9**	**5.4**	**3.5** (1,2 DCA)
	8-Jun-11		NA	NA	**1,580**	**143**	17.4	26.9	**21.7**	4.3	**2.2** (1,2-DCA)
	15-Dec-11		**373/287***	**<190/<190***	**1,070**	**144**	29.5	16	**27.2**	4.4	**3.1** (1,2-DCA)
E8	30-Dec-10		**1,220**	<190	**8,930**	**480**	19.1	**164**	**51.8**	<10	**4.8** (1,2-DCA)
	8-Jun-11		NA	NA	**3,520**	**178**	9.6	**56**	**49.5**	<5	**2.7** (1,2-DCA)
	15-Dec-11		**508***	<190*	**2,000**	**208**	4	**43**	14.0	<5.0	ND
E9	15-Dec-11		**7,950***	<190*	**35,100**	**4,810**	**5,710**	**768**	**3,260**	<100	ND
E10	15-Dec-11		**10,400***	<190*	**32,800**	**4,350**	**6,450**	**667**	**2,880**	<100	**37** (1,2-DCA)

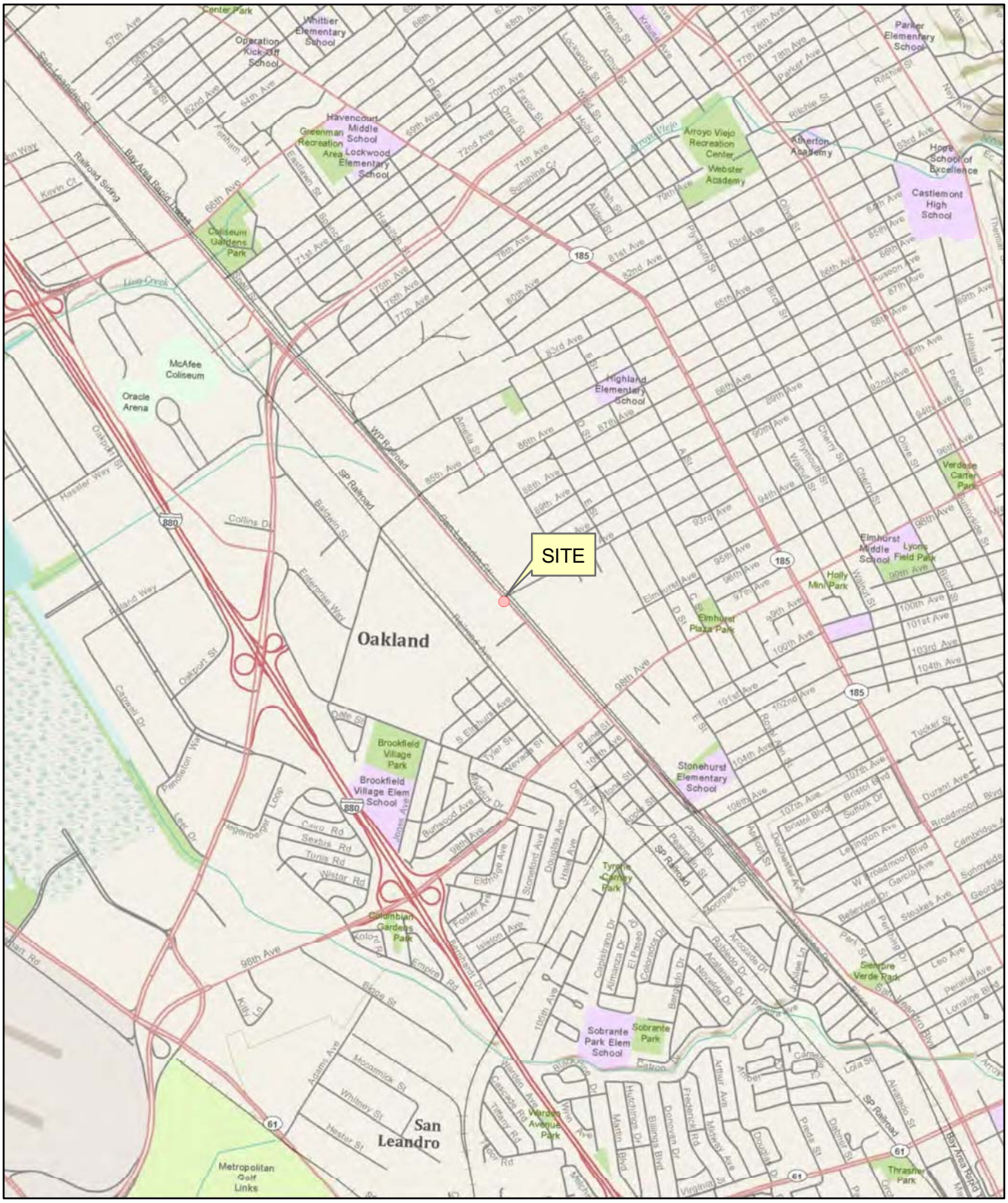
Table 2
Current and Historical Analytical Results for Volatile Organic Compounds in Groundwater
Paco Pump
9201 San Leandro Street
Oakland, California

concentrations (µg/L)

Sample Location	Date Collected	Depth (feet bgs)	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Other Fuel Additives
E11	16-Jun-10	8-18	NA	NA	**25,000**	**1,800**	**1,500**	**480**	**980**	<13	<13
	30-Jun-10		NA	NA	**15,300**	**268**	**509**	**473**	**1,140**	<40	<40
	16-Dec-11		**3,920***	<970*	**17,200**	**634**	**916**	**384**	**934**	<50	ND
E12	16-Jun-10	8-18	NA	NA	**4,300**	**190**	15	43	**49**	<2	**2.0 (1,2 DCA)**
	30-Jun-10		NA	NA	**1,570**	**130**	6.6	<3	**24.2**	<3	<3
	16-Dec-11		69.9 J*	<190*	**297**	**27.5**	1.1 J	3.2	<4.0	<2.0	ND
LFR Area 5 - Suspected Former UST near Groundwater Monitoring Well MW-4											
MW-4	16-Nov-92	5.25-20.25	<50	NA	**560**	**66**	**73**	16	**130**	NA	NA
D	16-Nov-92		<50	NA	**520**	**63**	**67**	15	**140**	NA	NA
	9-Mar-93		<50	NA	**750**	**67**	12	29	**62**	NA	NA
	21-Jul-93		<50	NA	**250**	**21**	4.2	8.4	11	NA	NA
	29-Jan-94		<50	NA	**180**	**28**	2.2	6.2	10	NA	NA
	26-May-94		NA	NA	**130**	**14**	3.2	6.1	4.7	NA	NA
	24-Aug-94		NA	NA	70	**6.7**	0.9	2.8	2.6	NA	NA
	22-Nov-94		NA	NA	90	**16**	1.7	5.6	3.4	NA	NA
	8-Feb-95		NA	NA	90	**17**	1.3	5.5	3.0	NA	NA
	31-May-95		NA	NA	90	**13**	0.6	2.3	1.2	NA	NA
	8-Aug-95		NA	NA	80	**3.6**	<0.5	1.4	0.6	NA	NA
	29-Nov-95		NA	NA	<50	**4.5**	0.7	1.0	0.7	NA	NA
	29-Feb-96		NA	NA	<50	**7.4**	1.0	3.2	2.4	NA	NA
	23-May-96		NA	NA	80	**11**	2.0	2.3	1.0	NA	NA
	3-Nov-03		<50	NA	<50	**6.3**	0.56	3.4	1.0	<2.0	NA
	18-Jun-08		<50	NA	81	**11**	0.51	4.7	1.6	<0.5	ND
	6-Nov-09		<50	NA	<50	**4.0**	<0.5	1.3	<1.0	<0.5	ND
	28-Jun-10		<100	NA	**186**	**12.3**	0.9	5.9	2.3	<1.0	ND
	30-Dec-10		<94	<190	77.4	**7.4**	<1.0	2.6	0.98	<1.0	ND
	8-Jun-11		NA	NA	94.2	**10.2**	1	3.4	1.60	<1.0	ND
	16-Dec-11		<97*	**130 J***	<50	**2.6**	<1.0	<1.0	<2.0	<1.0	ND
ESL's Groundwater *is* current or potential drinking water source			100	100	100	1.0	40	30	20	5.0	0.5 (1,2-DCA), 12 (TBA)

Notes:
bgs = below ground surface NA = parameter not analyzed ND = parameter not present above laboratory reporting limits
TPHd = total petroleum hydrocarbons as diesel
TPHg = total petroleum hydrocarbons as gasoline
D = duplicate sample
TBA - tertiary butyl alcohol
ESL = San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels Table F-1a and Table F-1b RWQCB May 2008
Bold Font denotes concentration was greater than the ESL .
J = Estimated value above method detection limit but below laboratory reporting limit.
* = TPH Extracable with Silica Gel Cleanup

FIGURES



SOURCE: 7.5 MINUTE USGS TOPOGRAPHIC MAP FROM ARCGIS MAP SERVICE

SGI environmental THE SOURCE GROUP, INC.
1962 FREEMAN AVE.
SIGNAL HILL, CA 90755

PROJECT NO.:	DATE:	DR.BY:	APP.BY:
04-PFT-001	10/14/2009	AC	SS

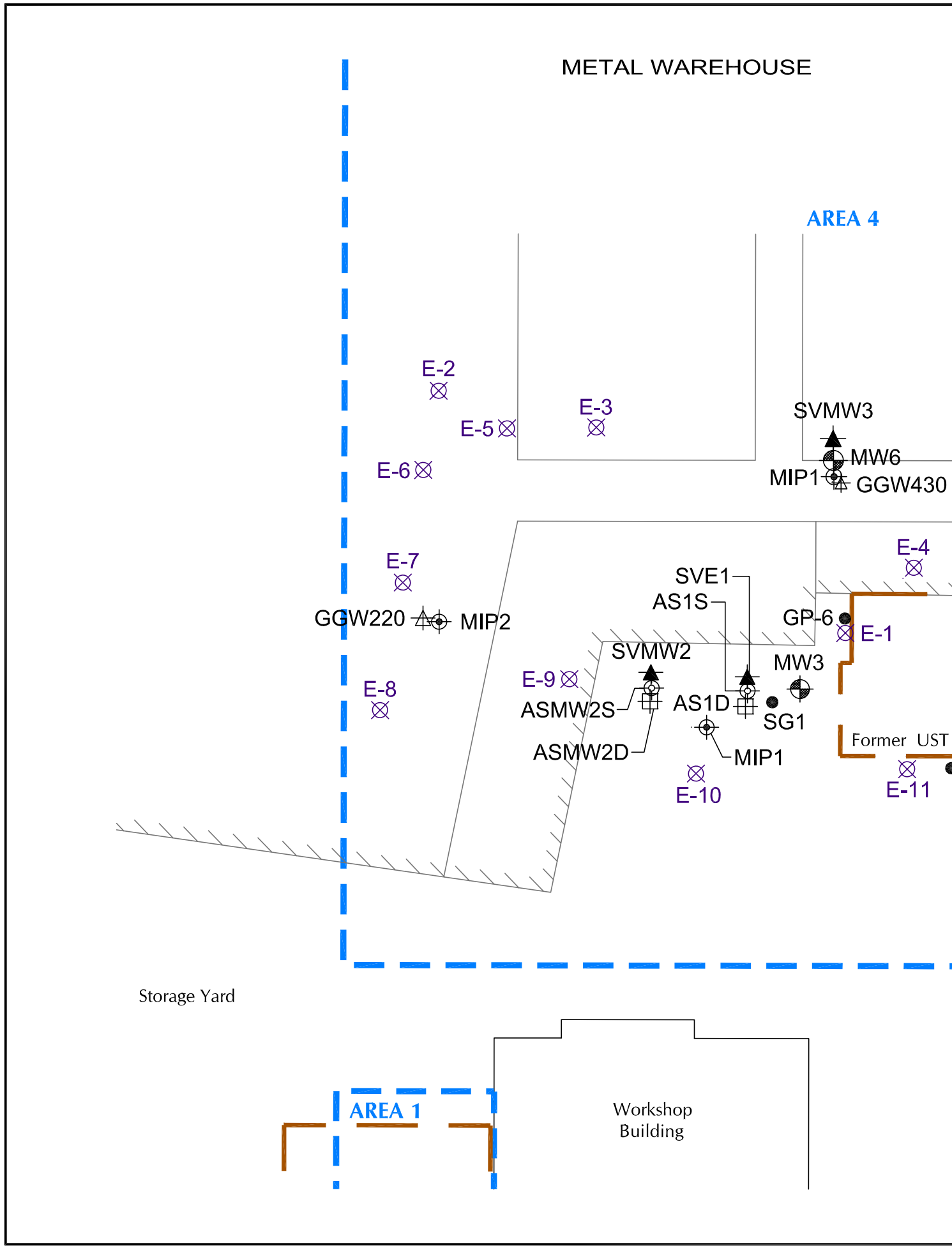
SCALE 1:24,000
0 875 1,750 3,500 Feet

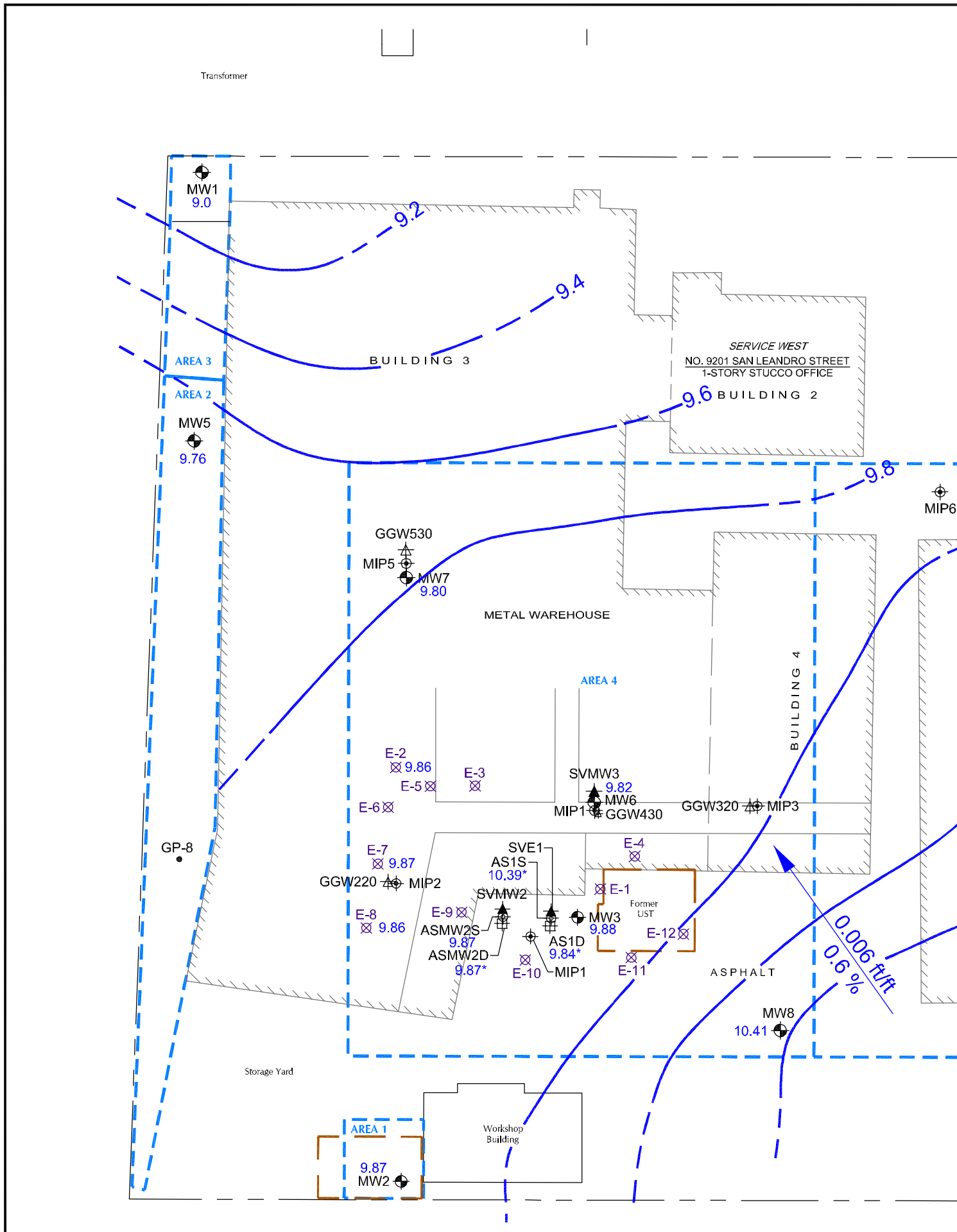
N

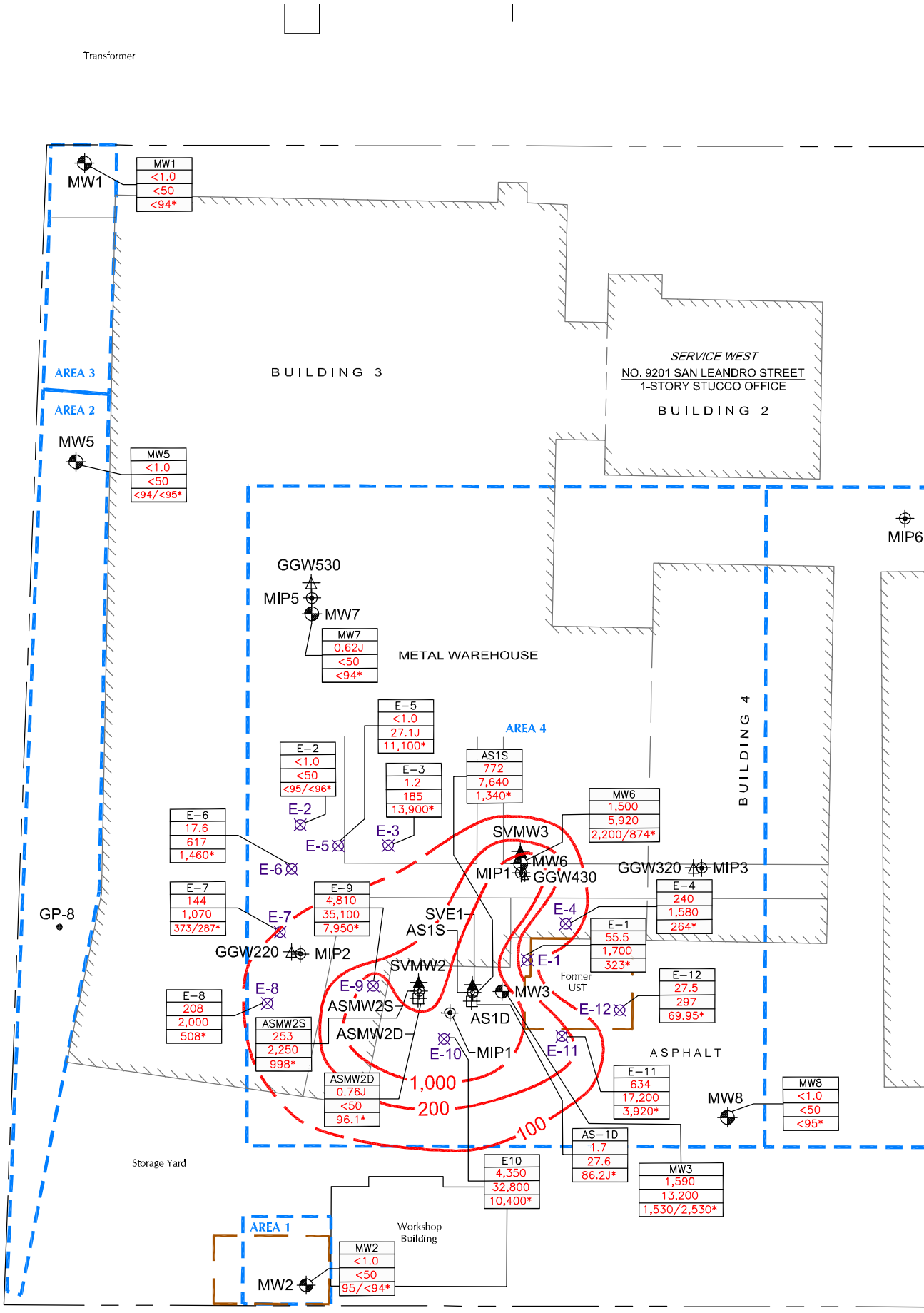
FORMER PACO PUMPS FACILITY
9201 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

SITE LOCATION MAP

FIGURE
1


METAL WAREHOUSE
AREA 4
E-2
E-3
E-5
E-6
SVMW3
MW6
MIP1
GGW430
E-4
E-7
SVE1
AS1S
GP-6
E-1
GGW220
MIP2
SVMW2
MW3
E-9
E-8
ASMW2S
AS1D
SG1
Former UST
ASMW2D
MIP1
E-10
E-11
Storage Yard
AREA 1
Workshop
Building


Transformer
MW1
9.0
9.2
9.4
9.6
9.8
BUILDING 3
SERVICE WEST
NO. 9201 SAN LEANDRO STREET
1-STORY STUCCO OFFICE
BUILDING 2
AREA 3
AREA 2
MW5
9.76
MIP6
GGW530
MIP5
MW7
9.80
METAL WAREHOUSE
BUILDING 4
AREA 4
E-2
9.86
E-5
E-3
E-6
SVMW3
9.82
MW6
MIP1
GGW430
GGW320
MIP3
GP-8
E-7
9.87
GGW220
MIP2
SVE1
AS1S
10.39*
SVMW2
E-4
E-1
Former
UST
E-8
9.86
E-9
ASMW2S
9.87
ASMW2D
9.87*
E-10
MIP1
AS1D
9.84*
MW3
9.88
E-12
E-11
0.006 ft/ft
0.6 %
ASPHALT
MW8
10.41
Storage Yard
AREA 1
9.87
MW2
Workshop
Building


Transformer
MW1
MW1
<1.0
<50
<94*
AREA 3
AREA 2
BUILDING 3
SERVICE WEST
NO. 9201 SAN LEANDRO STREET
1-STORY STUCCO OFFICE
BUILDING 2
MW5
MW5
<1.0
<50
<94/<95*
MIP6
GGW530
MIP5
MW7
MW7
0.62J
<50
<94*
METAL WAREHOUSE
BUILDING 4
AREA 4
E-5
<1.0
27.1J
11,100*
E-2
<1.0
<50
<95/<96*
E-3
1.2
185
13,900*
AS1S
772
7,640
1,340*
MW6
1,500
5,920
2,200/874*
E-6
17.6
617
1,460*
E-2
E-5
E-3
SVMW3
MW6
MIP1
GGW430
GGW320
MIP3
E-7
144
1,070
373/287*
E-9
4,810
35,100
7,950*
E-4
240
1,580
264*
GP-8
E-7
SVE1
AS1S
E-4
E-1
55.5
1,700
323*
GGW220
MIP2
SVMW2
E-1
Former UST
E-8
208
2,000
508*
E-9
E-8
ASMW2S
253
2,250
998*
ASMW2S
MW3
E-12
27.5
297
69.95*
E-12
AS1D
ASMW2D
E-10
MIP1
E-11
ASPHALT
ASMW2D
0.76J
<50
96.1*
1,000
200
100
E-11
634
17,200
3,920*
MW8
MW8
<1.0
<50
<95*
AS-1D
1.7
27.6
86.2J*
Storage Yard
E10
4,350
32,800
10,400*
MW3
1,590
13,200
1,530/2,530*
AREA 1
Workshop Building
MW2
MW2
<1.0
<50
95/<94*

GROUNDWATER MONITORING FIELD DATA SHEETS

Groundwater Monitoring Well
Field Sampling Form

THE SOURCE GROUP, INC.

PROJECT NAME: Paco Pumps
PROJECT NO.: 04-PFT-003
TASK NO.: 5
WELL ID: MW-1
PURGE DATE: 12-16-11
SAMPLE TIME: 1435
SAMPLE DATE: 12-16-11
PERSONNEL: H. Newton

Historical rate: _____
# of volumes: _____
INITIAL DTW (ft): 8.76 1035
DEPTH TO BOTTOM (ft): 19.39
WELL DIAM. (in): 4"
3 VOLUMES (gals): 22
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC (check units!)	Temp. (check units!)	Disolved Oxygen (check units!)	REDOX (check units!)	Color	Turbidity	Other Observations
8.68	1410	0	7.36	747	19.09	1.92	21.3	clear	X	
10.59	1416	7	7.06	751	19.42	0.69	17.0	" "	X	
11.00	1422	14	7.03	770	19.46	0.32	17.1	" "	X	
11.03	1428	22	7.02	776	19.47	0.10	13.9	" "	X	

Total Gallons Purged: 22

Purging Method: (2" Submersible Pump) 12 Volt Pump Peristaltic Pump Bailer

WELL SAMPLING:

DTW at Time of Sampling: 11.03

Sampling Method: 2" Submersible Pump 12 Volt Pump Peristaltic Pump (Bailer) PDB

SAMPLE ID: MW-1

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

PROPER DECON: Yes No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: Paco Pumps
PROJECT NO.: 04-PFT-003
TASK NO.: 5
WELL ID: mw-2
PURGE DATE: 12-15-11
SAMPLE TIME: 1630
SAMPLE DATE: 12-15-11
PERSONNEL: H. Newton

Historical rate: _____
# of volumes: _____

INITIAL DTW (ft): 9.25 1030
DEPTH TO BOTTOM (ft): 19.99
WELL DIAM. (in): 4"
3 VOLUMES (gals): 21
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC ( ) (check units!)	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.20	1600	0	6.94	1043	19.35	1.09	17.0	clear		
10.29	1603	7	6.93	1041	19.78	0.16	22.6	"		
10.32	1616	14	6.92	1046	19.80	0.11	-4.9	"		
10.33	1624	21	6.91	1051	19.82	0.09	-15.1	"		

Total Gallons Purged: 21

Purging Method: (2" Submersible Pump) 12 Volt Pump Peristaltic Pump Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.33

Sampling Method: 2" Submersible Pump 12 Volt Pump Peristaltic Pump (Bailer) PDB

SAMPLE ID: mw-2

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

PROPER DECON: Yes No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: Paco Pumps
PROJECT NO.: 04-PFT-003
TASK NO.: ____
WELL ID: MW-3
PURGE DATE: 12-16-11
SAMPLE TIME: 945
SAMPLE DATE: 12-16-11
PERSONNEL: L. Taylor

Historical rate: ____
# of volumes: ____
INITIAL DTW (ft): 9.54 1031
DEPTH TO BOTTOM (ft): 20.02
WELL DIAM. (in): 4"
3 VOLUMES (gals): 20.4
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC (check units!)	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.78	958	0	6.98	1108	21.67	5.52	-96.3	Brown	—	—
10.21	1005	6.8	7.06	1067	19.30	5.19	-116.1	Cloudy	—	—
10.21	1022	13.6	7.11	1041	19.24	3.86	-114.8	Clear	—	—
10.21	1037	20.4	6.84	1027	19.22	3.09	-116.3	Clear	—	—

Total Gallons Purged: 20.4

Purging Method: (2" Submersible Pump) / 12 Volt Pump / Peristaltic Pump / Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.21

Sampling Method: 2" Submersible Pump / 12 Volt Pump / Peristaltic Pump / (Bailer) / PDB

SAMPLE ID: MW-3

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? (YES) / NO

IF SO, SAMPLE ID: MW-3-DUP 950 TYPE: Rinsate Blank / (Duplicate) / Field Blank

PROPER DECON: (Yes) / No

COMMENTS: No well lid!!!, cap intact though

Groundwater Monitoring Well
Field Sampling Form

SGI environmental | THE SOURCE GROUP, INC.

PROJECT NAME: ~~[illegible]~~ Paco Pumps
PROJECT NO.: ~~[illegible]~~ 04-PFT-003
TASK NO.: 5
WELL ID: mw-4
PURGE DATE: ~~mw-4~~ 12-16-11
SAMPLE TIME: ~~12-16-11~~ 1540
SAMPLE DATE: 12-16-11
PERSONNEL: H. Newton

Historical rate: _____
# of volumes: _____
INITIAL DTW (ft): 8.88
DEPTH TO BOTTOM (ft): 19.80
WELL DIAM. (in): 4"
3 VOLUMES (gals): 21
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	No. Gallons	pH	EC ( )	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
8.88	1517	0	7.04	776	17.96	0.77	37.8	clear		
9.43	1525	7	6.95	775	18.33	0.07	24.2	" "		
9.60	1531	14	6.94	776	18.35	0.05	17.1	" "		
9.60	1537	21	6.93	777	18.37	0.05	14.0	" "		

Total Gallons Purged: 21

Purging Method: (2" Submersible Pump) | 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 9.60

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: mw-4

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: Yes | No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: Paco Pumps
PROJECT NO.: 04-PFT-003
TASK NO.: 5
WELL ID: MW-5
PURGE DATE: 12-16-11
SAMPLE TIME: 0347
SAMPLE DATE: 12-16-11
PERSONNEL: H Newton

Historical rate: _____
# of volumes: _____
INITIAL DTW (ft): 3.45 1024
DEPTH TO BOTTOM (ft): 19.90
WELL DIAM. (in): 4"
3 VOLUMES (gals): 22
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC ( ) (check units!)	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
3.45	0321	0	7.03	476	19.82	0.57	-81.2	clear		
9.35	0323	7	7.04	492	19.92	0.05	-131.3	" "		
9.95	0335	14	7.07	427	19.90	0.04	-123.9	" "		
9.95	0342	22	7.07	436	19.90	0.04	-116.0	" "		

Total Gallons Purged: 22

Purging Method: (2" Submersible Pump) 12 Volt Pump Peristaltic Pump Bailer

WELL SAMPLING:

DTW at Time of Sampling: 9.95

Sampling Method: 2" Submersible Pump 12 Volt Pump Peristaltic Pump (Bailer) PDB

SAMPLE ID: MW-5

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

PROPER DECON: Yes No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: Paco Pumps
PROJECT NO.: 04-PFT-003
TASK NO.: 5
WELL ID: MW-6
PURGE DATE: 12-16-11
SAMPLE TIME: 1200
SAMPLE DATE: 12-16-11
PERSONNEL: H. Newton

Historical rate: _____
# of volumes: _____
INITIAL DTW (ft): 9.64 1015
DEPTH TO BOTTOM (ft): 16.24
WELL DIAM. (in): 2"
3 VOLUMES (gals): 3.2
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC ( ) (check units!)	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.62	1150	0	7.11	1277	16.80	7.22	-104.7	cloudy		
9.96	1152	1	6.77	1293	20.30	0.23	-133.5	" "		
10.30	1154	2	6.75	1286	20.32	0.22	-131.7	" "		
10.34	1156	3	6.78	1271	20.37	0.23	-128.2	" "		

Total Gallons Purged: 3

Purging Method: (2" Submersible Pump) 12 Volt Pump Peristaltic Pump Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.34

Sampling Method: 2" Submersible Pump 12 Volt Pump Peristaltic Pump (Bailer) PDB

SAMPLE ID: MW-6

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

PROPER DECON: Yes No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: Reco Rmp3
PROJECT NO.: 04-PFT-603
TASK NO.: 5
WELL ID: mw-7
PURGE DATE: 12-16-11
SAMPLE TIME: 0946
SAMPLE DATE: 12-16-11
PERSONNEL: H. Newton

Historical rate: _____
# of volumes: _____
INITIAL DTW (ft): 9.64 1013
DEPTH TO BOTTOM (ft): 26.96
WELL DIAM. (in): 2"
3 VOLUMES (gals): 8.3
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC ( ) (check units!)	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.34	0924	0	7.15	852	16.60	5.39	67.8	cloudy		
9.65	0928	2	7.01	970	17.46	0.92	52.1	brown	X	
9.72	0933	4	7.00	953	19.28	0.80	47.6	"		
9.75	0937	6	6.98	930	19.17	0.60	35.7	cloudy	X	
9.75	0941	8.5	6.97	923	19.15	0.57	35.6	"		

Total Gallons Purged: 8.5

Purging Method: (2" Submersible Pump) 12 Volt Pump (Peristaltic Pump) Bailer

WELL SAMPLING:

DTW at Time of Sampling: 9.75

Sampling Method: 2" Submersible Pump, 12 Volt Pump, Peristaltic Pump, (Bailer), PDB

SAMPLE ID: mw-7

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? (YES) / NO

IF SO, SAMPLE ID: mw-7 dup 0950 TYPE: Rinsate Blank, (Duplicate), Field Blank

PROPER DECON: Yes No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: ~~[illegible]~~ Paco Pumps
PROJECT NO.: 64-PFT-003
TASK NO.: 5
WELL ID: MW-8
PURGE DATE: 12-16-11
SAMPLE TIME: 1633
SAMPLE DATE: 12-16-11
PERSONNEL: H. Newton

Historical rate: _____
# of volumes: _____

INITIAL DTW (ft): ~~[illegible]~~ 7.86 948
DEPTH TO BOTTOM (ft): ~~[illegible]~~ 18.09
WELL DIAM. (in): 4"
3 VOLUMES (gals): 17
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	No. Gallons	pH	EC ( )	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
7.87	1610	0	6.94	321	20.63	0.38	20.3	cloudy		
9.54	1616	5	6.94	323	20.71	0.62	33.7	clear		
10.23	1622	10	6.93	397	20.67	0.41	41.3	" "		
11.90	1630	17	6.92	902	20.71	0.38	41.3	" "		

Total Gallons Purged: 17

Purging Method: (2" Submersible Pump) 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 11.90

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: MW-8

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: Yes | No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental | THE SOURCE GROUP, INC.

PROJECT NAME: 04-RFT-003
PROJECT NO.: _____
TASK NO.: _____
WELL ID: AS-1S
PURGE DATE: 12-15-11
SAMPLE TIME: 1650
SAMPLE DATE: 12-15-11
PERSONNEL: B. Taylor

Historical rate: _____
# of volumes: _____

INITIAL DTW (ft): 9.01 10.25
DEPTH TO BOTTOM (ft): 16.57
WELL DIAM. (in): 2
3 VOLUMES (gals): 3.6

h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	No. Gallons	pH	EC ( )	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.83	1636	0	6.67	1027	17.75	2.90	-108	Murky		
11.60	1641	1.2	6.89	1083	19.16	0.41	-108.4	Murky		
11.40	1644	2.4	6.88	1096	19.27	0.39	-108.5	Clear		
11.20	1648	3.6	6.87	1095	19.30	0.41	-108.3	Clear		

Total Gallons Purged: 3.6

Purging Method: (2" Submersible Pump) | 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.42

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: AS-1S

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / NO

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: Yes | No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental | THE SOURCE GROUP, INC.

PROJECT NAME: 04-DPT-009
PROJECT NO.: _____
TASK NO.: _____
WELL ID: AS-1D
PURGE DATE: 12-15-4
SAMPLE TIME: 1620
SAMPLE DATE: 12-15-4
PERSONNEL: C. Taylor

Historical rate: _____
# of volumes: _____

INITIAL DTW (ft): 9.47 10'8
DEPTH TO BOTTOM (ft): 31.86
WELL DIAM. (in): 2"
3 VOLUMES (gals): 10.7
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC ( ) (check units!)	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.55	1555	0	7.07	800	18.82	1.80	-14.7	Brown	—	—
9.62	1600	3.5	7.05	803	18.54	0.40	-6.0	Brown	—	—
9.57	1607	7.0	7.04	800	18.51	0.37	-5.2	Brown	—	—
9.59	1615	10.7	7.04	806	18.50	0.36	-5.0	Clear		

Total Gallons Purged: 10.7

Purging Method: (2" Submersible Pump) | 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 9.59

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: AS-1D

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: (Yes) | No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

Paco Pumps

SGI environmental | THE SOURCE GROUP, INC.

PROJECT NAME: 64-PFT-0031

PROJECT NO.: _____

TASK NO.: _____

WELL ID: ASMW-25

PURGE DATE: 12-15-11

SAMPLE TIME: 1440

SAMPLE DATE: 12-15-11

PERSONNEL: B. Taylor

Historical rate: _____

# of volumes: _____

INITIAL DTW (ft): 9.51 1047

DEPTH TO BOTTOM (ft): 16.82

WELL DIAM. (in): 2"

3 VOLUMES (gals): 3.46

h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	No. Gallons	pH	EC ( )	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
10.31	1415	0	6.86	1082	17.73	1.07	-118.0	Brown	—	—
10.28	1421	1.2	6.94	1083	18.98	0.64	-120.5	Black	—	—
10.28	1426	2.4	6.93	1073	19.09	0.61	-118.0	Bleaker	—	—
10.21	1430	3.6	6.92	1068	19.17	0.68	-121.0	Clearer	—	—

Total Gallons Purged: 3.6

Purging Method: (2" Submersible Pump) 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.21

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: ASMW-25

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: — TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: (Yes) No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: Pace Pumps
PROJECT NO.: 04-PFT-003
TASK NO.:
WELL ID: ASMW-2D
PURGE DATE: 12-15-11
SAMPLE TIME: 1310
SAMPLE DATE: 12-15-11
PERSONNEL: G. Taylor

Historical rate:
# of volumes:

INITIAL DTW (ft): 9.65 1040
DEPTH TO BOTTOM (ft): 33.71
WELL DIAM. (in): 2"
3 VOLUMES (gals): 11.5
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC (check units!)	Temp. (check units!)	Disolved Oxygen (check units!)	REDOX (check units!)	Color	Turbidity	Other Observations
9.65	1240	0	7.06	891	18.04	1.21	64.0	Dirty/Clear	—	
9.65	1248	4.0	7.04	885	18.59	0.40	18.9		—	
9.66	1256	8.0	7.03	883	18.47	0.37	26.4	Clear	—	
9.66	1305	10.5	7.01	886	18.44	0.37	31.0	Clear	—	

Total Gallons Purged: 11.5

Purging Method: (2" Submersible Pump) 12 Volt Pump Peristaltic Pump Bailer

WELL SAMPLING:

DTW at Time of Sampling: 9.66

Sampling Method: 2" Submersible Pump 12 Volt Pump Peristaltic Pump (Bailer) PDB

SAMPLE ID: ASMW-2D

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: ——— TYPE: Rinsate Blank Duplicate Field Blank

PROPER DECON: (Yes) No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental | THE SOURCE GROUP, INC.

PROJECT NAME: Paseo Pumps
PROJECT NO.: 04-PFT-003
TASK NO.: 5
WELL ID: E-1
PURGE DATE: 12-16-11
SAMPLE TIME: 1040
SAMPLE DATE: 12-16-11
PERSONNEL: G. Taylor

Historical rate: _____
# of volumes: _____

INITIAL DTW (ft): 9.43 10.06
DEPTH TO BOTTOM (ft): 17.81
WELL DIAM. (in): 2"
3 VOLUMES (gals): 4.07
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC (check units!)	Temp. (check units!)	Disolved Oxygen (check units!)	REDOX (check units!)	Color	Turbidity	Other Observations
9.72	1018	0	7.35	623	18.47	6.29	-26.2	Brown	—	—
11.23	1023	1.4	7.20	6.21	19.27	5.80	-14.5	Cloudy	—	—
11.41	1032	2.8	7.20	6.12	20.05	2.47	-19.7	Cloudy	—	—
11.33	1038	4.2	7.22	6.10	20.77	1.72	-27.1	Cloudy	—	—

Total Gallons Purged: 4.2

Purging Method: (2" Submersible Pump) | 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 11.33

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: E-1

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: (Yes) | No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

Pace Pumps

THE SOURCE GROUP, INC.

PROJECT NAME: 04-PFT-003

PROJECT NO.: _____

TASK NO.: 5

WELL ID: E-2

PURGE DATE: 12-15-17

SAMPLE TIME: 1524

SAMPLE DATE: 12-15-17

PERSONNEL: N. Newton

Historical rate: _____

# of volumes: _____

INITIAL DTW (ft): 9.70 0955

DEPTH TO BOTTOM (ft): 13.10

WELL DIAM. (in): 2"

3 VOLUMES (gals): 4

h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	No. Gallons	pH	EC ( )	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.68	1510	0	6.93	1220	18.36	3.67	-55.1	cloudy		
10.03	1512	1	6.81	1175	19.75	0.08	-80.1	" "		
10.36	1514	2	6.80	1173	19.77	0.08	-79.9	clear		
10.48	1516	3	6.79	1174	19.79	0.08	-79.3	" "		
10.53	1518	4	6.80	1173	19.81	0.08	-79.5	" "		

Total Gallons Purged: 4

Purging Method: (2" Submersible Pump) 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.53

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: E-2

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: Yes | No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: _____
PROJECT NO.: _____
TASK NO.: _____
WELL ID: E-3
PURGE DATE: 12-16-11
SAMPLE TIME: 1425
SAMPLE DATE: 12-16-11
PERSONNEL: A. Newton

Historical rate: _____
# of volumes: _____
INITIAL DTW (ft): 9.72 1005
DEPTH TO BOTTOM (ft): 13.15
WELL DIAM. (in): 2"
3 VOLUMES (gals): 4
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	No. Gallons	pH	EC ( )	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.72	1112	0	7.02	1098	18.52	0.87	-113.4	cloudy		
10.57	1114	1	6.91	1690	13.96	0.03	-143.9	" "		
11.03	1116	2	6.91	1037	19.14	0.07	-142.6	clear		
11.29	1113	3	6.91	1036	19.30	0.06	-141.5	" "		
11.34	1120	4	6.91	1035	19.32	0.06	-138.0	" "		

Total Gallons Purged: 4

Purging Method: (2" Submersible Pump) 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 11.34

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: E-3

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: Yes | No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental | THE SOURCE GROUP, INC.

PROJECT NAME: _____
PROJECT NO.: _____
TASK NO.: _____
WELL ID: E-4
PURGE DATE: 12-16-11
SAMPLE TIME: 1333
SAMPLE DATE: 12-16-11
PERSONNEL: H. Newton

Historical rate: _____
# of volumes: _____
INITIAL DTW (ft): 9.60 10.07
DEPTH TO BOTTOM (ft): 18.07
WELL DIAM. (in): 2"
3 VOLUMES (gals): 4
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	No. Gallons	pH	EC ( )	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.60	1315	0	7.10	924	13.34	4.48	-100.1	cloudy		
9.99	1318	1	7.01	931	19.70	0.19	-134.7	" "		
10.00	1321	2	7.00	919	20.10	0.05	-150.3	" "		
10.01	1324	3	7.00	918	20.15	0.05	-150.0	" "		
10.01	1327	4	7.06	917	20.21	0.04	-149.7	" "		

Total Gallons Purged: 4

Purging Method: (2" Submersible Pump) | 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.01

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: E-4

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: Yes | No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: Pasco Pumps
PROJECT NO.: 04- PFT-003
TASK NO.: 5
WELL ID: E-5
PURGE DATE: 12-16-11
SAMPLE TIME: 1050
SAMPLE DATE: 12-16-11
PERSONNEL: H. Newton

Historical rate: _____
# of volumes: _____

INITIAL DTW (ft): 9.69 0958
DEPTH TO BOTTOM (ft): 17.90
WELL DIAM. (in): 2"
3 VOLUMES (gals): 3.9
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC ( ) (check units!)	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.69	1033	0	6.30	1036	16.97	5.79	-88.4	cloudy		
10.15	1040	1	6.76	1167	13.96	0.19	-126.9	" "		
10.39	1042	2	6.74	1170	19.23	0.09	-132.3	" "		
10.44	1044	3	6.77	1168	19.45	0.06	-129.6	" "		
10.47	1046	4	6.79	1158	19.53	0.05	-125.1	" "		

Total Gallons Purged: 4

Purging Method: (2" Submersible Pump) 12 Volt Pump Peristaltic Pump Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.47

Sampling Method: 2" Submersible Pump 12 Volt Pump Peristaltic Pump (Bailer) PDB

SAMPLE ID: E-5

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

PROPER DECON: Yes No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental | THE SOURCE GROUP, INC.

PROJECT NAME: Paco Pumps
PROJECT NO.: 04-PFT-003
TASK NO.: 5
WELL ID: E-6
PURGE DATE: 12-15-11
SAMPLE TIME: 1425
SAMPLE DATE: 12-15-11
PERSONNEL: H. Newton

Historical rate: _____
# of volumes: _____
INITIAL DTW (ft): 9.61 0953
DEPTH TO BOTTOM (ft): 17.95
WELL DIAM. (in): 2"
3 VOLUMES (gals): 4
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	No. Gallons	pH	EC ( )	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.59	1412	0	7.11	1097	18.04	4.79	-111.1	cloudy	X	
10.23	1414	1	6.95	1146	19.30	0.13	-156.2	" "		
10.33	1416	2	6.95	1113	19.59	0.06	-159.7	" "		
10.38	1418	3	6.95	1105	19.62	0.05	-153.6	" "		
10.41	1420	4	6.96	1073	19.67	0.05	-154.7	" "		

Total Gallons Purged: 4

Purging Method: (2" Submersible Pump) | 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.41

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: E-6

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: Yes | No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: Race Pumps
PROJECT NO.: 04-PFT-003
TASK NO.: 5
WELL ID: E-7
PURGE DATE: 12-15-11
SAMPLE TIME: 1155
SAMPLE DATE: 12-15-11
PERSONNEL: H. Newton

Historical rate: _____
# of volumes: _____
INITIAL DTW (ft): 9.72 0950
DEPTH TO BOTTOM (ft): 18.00
WELL DIAM. (in): 2"
3 VOLUMES (gals): 4.2
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC ( ) (check units!)	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.72	1137	0	6.87	1232	18.22	2.48	-119.8	cloudy		
9.97	1141	1.5	6.83	1241	18.56	1.00	-123.7	"		
10.60	1143	3	6.84	1243	19.21	0.97	-120.6	"		
10.67	1145	4.5	6.83	1227	19.38	0.96	-118.8	"		

Total Gallons Purged: 4.5

Purging Method: (2" Submersible Pump) 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.67

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: E-7

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / NO

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: Yes No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: Puco Pumps
PROJECT NO.: 04-PFT-003
TASK NO.: 5
WELL ID: E-8
PURGE DATE: 12-15-11
SAMPLE TIME: 1245
SAMPLE DATE: 12-15-11
PERSONNEL: H. Newton

Historical rate: _____
# of volumes: _____

INITIAL DTW (ft): 9.73 0948
DEPTH TO BOTTOM (ft): 17.90
WELL DIAM. (in): 2"
3 VOLUMES (gals): 3.9
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	No. Gallons	pH	EC ( )	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.73	1228	0	7.12	1067	17.29	4.89	-110.7	clear		
10.50	1232	1	6.96	1115	19.01	0.84	-142.8	"		
10.73	1236	2	6.95	1094	19.26	0.65	-152.4	"		
10.30	1240	3	6.95	1073	19.36	0.62	-154.2	"		
10.32	1244	4	6.93	1056	19.40	0.55	-151.3	"		

Total Gallons Purged: 4

Purging Method: (2" Submersible Pump) 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.32

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: E-8

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: Yes | No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

Reco Pumps

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: 04-PFT-003
PROJECT NO.: _____
TASK NO.: _____
WELL ID: E-9
PURGE DATE: 12-15-11
SAMPLE TIME: 12:10
SAMPLE DATE: 12-15-11
PERSONNEL: G. Taylor

Historical rate: _____
# of volumes: _____
INITIAL DTW (ft): 9.63 1055
DEPTH TO BOTTOM (ft): 18.02
WELL DIAM. (in): 2"
3 VOLUMES (gals): 4.02
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC (check units!)	Temp. (check units!)	Disolved Oxygen (check units!)	REDOX (check units!)	Color	Turbidity	Other Observations
9.97	11:45	0	6.69	1366	16.70	1.37	-69.2	murky	—	—
9.97	1151	1.5	6.87	1379	18.15	0.34	-99.1	murky	—	—
10.00	1158	3.5	6.83	1376	18.58	0.31	-102.0	murky	—	—
10.08	1004	4.0	6.83	1361	18.44	0.27	-104.2	murky	—	—

Total Gallons Purged: 4.0

Purging Method: (2" Submersible Pump) 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 10.08

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: E-9

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: (Yes) No

COMMENTS: Strong diesel/gas smell

Groundwater Monitoring Well
Field Sampling Form

Paco Pumps

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: 04-DFT-003 2

PROJECT NO.: _____

TASK NO.: _____

WELL ID: E-10

PURGE DATE: 12-15-11

SAMPLE TIME: 1535

SAMPLE DATE: 12-15-11

PERSONNEL: B. Taylor

Historical rate: _____

# of volumes: _____

INITIAL DTW (ft): 9.44 1035

DEPTH TO BOTTOM (ft): 18.07

WELL DIAM. (in): 2"

3 VOLUMES (gals): 4.14

h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

DTW	Time (24 hr)	No. Gallons	pH	EC ( ) (check units!)	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.65	1514	0	6.73	1255	17.83	3.64	-121.3	Clear	—	———
10.31	1519	1.4	6.80	1284	19.10	0.51	-123.1	Clear	—	———
10.35	1524	2.8	6.81	1274	19.27	0.39	-124.2	Clear	—	———
10.28	1529	4.2	6.81	1250	19.36	0.35	-120.0	Clear	—	———

Total Gallons Purged: 4.2

Purging Method					
	2" Submersible Pump	12 Volt Pump	Peristaltic Pump	Bailer	

WELL SAMPLING:

DTW at Time of Sampling: 9.84

Sampling Method					
	2" Submersible Pump	12 Volt Pump	Peristaltic Pump	Bailer	PDB

SAMPLE ID: E-10

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / NO

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

PROPER DECON: Yes No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

SGI environmental | THE SOURCE GROUP, INC.

PROJECT NAME: Paco Pumps
PROJECT NO.: 04-PFT-0001
TASK NO.:
WELL ID: E-11
PURGE DATE: 12-16-11
SAMPLE TIME: 1125
SAMPLE DATE: 12-16-11
PERSONNEL: G. Taylor

Historical rate:
# of volumes:
INITIAL DTW (ft): 9.28 10:00
DEPTH TO BOTTOM (ft): 17.91
WELL DIAM. (in): 2"
3 VOLUMES (gals): 4.14
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	No. Gallons	pH	EC ( )	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.65	11:00	0	19.06	975	19.04	2.46	-140.3	Brownish	—	
9.92	1107	1.4	19.97	963	19.98	0.99	-156.5	clearing	—	
9.89	1111	2.8	20.26	958	20.27	0.81	-160.8	clearing	—	
9.87	1114	3.5	20.29	973	20.30	0.83	-160.5	Clear	—	
9.85	1118	4.2	20.34	981	20.35	0.83	-154.0	Clear	—	

Total Gallons Purged: 4.2

Purging Method: (2" Submersible Pump) | 12 Volt Pump | Peristaltic Pump | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 9.80

Sampling Method: 2" Submersible Pump | 12 Volt Pump | Peristaltic Pump | (Bailer) | PDB

SAMPLE ID: E-11

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES / (NO)

IF SO, SAMPLE ID: —

TYPE: Rinsate Blank | Duplicate | Field Blank

PROPER DECON: (Yes) | No

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form

Paco Pumps

SGI THE SOURCE GROUP, INC.

PROJECT NAME: 04-PFT-003

PROJECT NO.: 5

TASK NO.:

WELL ID: E-12

PURGE DATE: 12-16-11

SAMPLE TIME: 1215

SAMPLE DATE: 12-16-11

PERSONNEL: G. Taylor

Historical rate:

# of volumes:

INITIAL DTW (ft): 8.89 9.55

DEPTH TO BOTTOM (ft): 17.76

WELL DIAM. (in): 2"

3 VOLUMES (gals): 4.25

h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	No. Gallons	pH	EC ( )	Temp. ( )	Disolved Oxygen ( )	REDOX ( )	Color	Turbidity	Other Observations
9.18	1053	0	8.48	470	21.45	1.45	-93.0	Brown	—	
9.23	1058	1.4	10.84	958	20.79	0.84	-100.4	Clearing	—	
9.28	1103	2.8	6.55	949	20.55	0.78	-6.5	Clearing	—	
9.27	1108	4.2	6.73	946	20.63	0.80	-13.7	Clear	—	

Total Gallons Purged:

Purging Method: (2" Submersible Pump) 12 Volt Pump Peristaltic Pump Bailer

WELL SAMPLING:

DTW at Time of Sampling: 9.27

Sampling Method: 2" Submersible Pump 12 Volt Pump Peristaltic Pump (Bailer) PDB

SAMPLE ID: E-12

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED FOR THIS WELL? YES (NO)

IF SO, SAMPLE ID: TYPE: Rinsate Blank Duplicate Field Blank

PROPER DECON: (Yes) No

COMMENTS:

Groundwater Monitoring Well
Water Level Gauging Form

SGI environmental THE SOURCE GROUP, INC.

PROJECT NAME: Paco Pumps DATE: 12-15-11

PROJECT NO.: 04-PFT-003 PERSONNEL: G. Taylor, H. Newton

TASK NO.: 5

Well I.D.	Date	Time (24 hour)	Casing Diameter (inches)	DTW (ft)	Total Depth (ft)	Comments:
MW-2	12-15-11	1030	4"	9.25	19.99	
MW-5		1024	4"	8.45	19.90	
MW-1		1035	4"	8.76	19.89	
MW-3		~~1035~~ 1031	4"	9.54	20.02	
MW-4		1103	4"	8.88	19.80	
MW-6		1015	2"	9.64	16.24	
MW-7		1018	2"	9.64	26.96	
MW-8		0948	4"	9.48	18.09	
AS-1S		1025	2"	9.01	16.52	
ASMW-2S		1047	2"	9.51	16.82	
AS-1D		1018	2"	9.47	31.86	
ASMW-2D		1040	2"	9.65	33.71	
E-1		1040	~~2"~~ 2"	9.43	17.81	
E-2		0955	2"	9.70	18.10	
E-3		1005	2"	9.72	18.15	
E-4		1007	2"	9.60	1807	
E-5		0958	2"	9.69	17.90	
E-6		0953	2"	9.61	17.95	
E-7		0950	2"	9.72	18.00	
E-8		0948	2"	9.73	17.90	
E-9		1055	2"	9.63	18.02	
E-10		1035	2"	9.44	18.07	
E-11		1000	2"	9.28	17.91	
E-12	↓	0955	2"	8.89	17.76	

Project No.	
Project Name	
Date	Data Entry
Category	

Daily Field Log

Site: Paco Pump's **Project #:** 04-PFT-003/5

Date: 12-15-11 **Page** ____ of ____

Weather: ~~Sunny~~ Overcast 50's

Field Activities: GW Sampling

Report Prepared By: B. Taylor

Field Personnel on Site: B. Taylor, H. Newton

Notes:

905 Arrived onsite, @

940 Started gauging after getting equipment squared away.

1120 Finished gauging

1125 Started E-9, ~~PFT~~

1220 Finished E-9

1225 Started AS MW 20

1315 Finished AS MW - 20

1330-1400 ~~Work~~ lunch

1410 Started AS MW - 25

1450 Finished AS MW -25

1455 Started E-10

1540 Finished E-10

1545 Started AS-10

1625 Finished AS-10

1630 Started AS-15

1655 Finish AS-15

Project No.	
Project Name	
Date	Data Entry
Category	

Daily Field Log

Site: Paco Pumps **Project #:**

Date: 12-15-11 **Page** ____ of ____

Weather: Overcast 50's

Field Activities: GW Sampling

Report Prepared By: G. Taylor

Field Personnel on Site: G. Taylor, H. Newton

Notes:

805 arrived onsite

820 started MW-3, issues getting pump to work

950 Finished MW-3

955 started E-1

1045 Finished E-1

1050 Started E-11

1132 Finished E-11

1135 Started E-12

1225 Finished E-12

1230-1300 ~~Started~~ Took lunch

1315 Started MW-8, pump not work... hot to the touch.

1330 talk to equipco, recommend letting the pump cool down in the water and try it again

1345 Help Harlow finish his well

~~1400~~ 1420 Fill out chain and go out for ice

1430 Counter arrives, behind

~~1500~~ 1530 trying to open well MW-4

GROUNDWATER SAMPLING LABORATORY REPORT

AND

CHAIN OF CUSTODY

Northern California ACCUTEST LABORATORIES

12/30/11

Technical Report for

The Source Group

T0600101592-9201 San Leandro Street, Oakland CA

04-PFT-003

Accutest Job Number: C19437

Sampling Date: 12/15/11

Report to:

The Source Group
3451C Vincent Road
Pleasant Hill, CA 94523
pparmentier@thesourcegroup.net; sdaro@thesourcegroup.net

ATTN: Paul Parmentier

Total number of pages in report: **63**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Kesavalu M. Bagawandoss, Ph.D., J.D., Lab Director

Client Service contact: Nutan Kabir 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Sections: 1 2 3 4 5

Table of Contents

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Accutest Laboratories

Sample Summary

The Source Group

Job No: C19437

T0600101592-9201 San Leandro Street, Oakland CA
Project No: 04-PFT-003

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C19437-1	12/15/11	11:55	HNGT	12/15/11	AQ	Ground Water	E-7
C19437-1A	12/15/11	11:55	HNGT	12/15/11	AQ	Ground Water	E-7
C19437-2	12/15/11	12:45	HNGT	12/15/11	AQ	Ground Water	E-8
C19437-3	12/15/11	12:10	HNGT	12/15/11	AQ	Ground Water	E-9
C19437-4	12/15/11	13:10	HNGT	12/15/11	AQ	Ground Water	ASMW-2D
C19437-5	12/15/11	14:25	HNGT	12/15/11	AQ	Ground Water	E-6
C19437-6	12/15/11	14:40	HNGT	12/15/11	AQ	Ground Water	ASMW-2S
C19437-7	12/15/11	14:50	HNGT	12/15/11	AQ	Trip Blank Water	TRIP BLANK

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-7		
Lab Sample ID:	C19437-1	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R6764.D	2	12/22/11	BD	n/a	n/a	VR237
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	20	ug/l	
71-43-2	Benzene	144	2.0	0.60	ug/l	
108-86-1	Bromobenzene	ND	2.0	0.60	ug/l	
74-97-5	Bromochloromethane	ND	2.0	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.60	ug/l	
75-25-2	Bromoform	ND	2.0	1.0	ug/l	
104-51-8	n-Butylbenzene	ND	10	1.0	ug/l	
135-98-8	sec-Butylbenzene	1.6	10	1.0	ug/l	J
98-06-6	tert-Butylbenzene	1.7	10	1.0	ug/l	J
108-90-7	Chlorobenzene	ND	2.0	0.60	ug/l	
75-00-3	Chloroethane	ND	2.0	0.60	ug/l	
67-66-3	Chloroform	ND	2.0	0.60	ug/l	
95-49-8	o-Chlorotoluene	ND	10	1.0	ug/l	
106-43-4	p-Chlorotoluene	ND	10	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.60	ug/l	
75-35-4	1,1-Dichloroethylene	ND	2.0	0.40	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	20	10	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.40	ug/l	
107-06-2	1,2-Dichloroethane	3.1	2.0	0.60	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.60	ug/l	
142-28-9	1,3-Dichloropropane	ND	2.0	0.60	ug/l	
108-20-3	Di-Isopropyl ether	ND	10	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	2.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.60	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.60	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	1.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	2.0	0.60	ug/l	
95-50-1	o-Dichlorobenzene	ND	2.0	0.60	ug/l	
106-46-7	p-Dichlorobenzene	ND	2.0	0.60	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-7		
Lab Sample ID:	C19437-1	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.60	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.40	ug/l	
100-41-4	Ethylbenzene	16.0	2.0	0.60	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	10	1.0	ug/l	
591-78-6	2-Hexanone	ND	40	20	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	1.0	ug/l	
98-82-8	Isopropylbenzene	5.4	2.0	0.40	ug/l	
99-87-6	p-Isopropyltoluene	1.1	10	1.0	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND	40	10	ug/l	
74-83-9	Methyl bromide	ND	10	3.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.60	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.40	ug/l	
75-09-2	Methylene chloride	ND	40	10	ug/l	
78-93-3	Methyl ethyl ketone	ND	40	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4.4	2.0	1.0	ug/l	
91-20-3	Naphthalene	5.9	10	1.0	ug/l	J
103-65-1	n-Propylbenzene	12.1	10	1.0	ug/l	
100-42-5	Styrene	ND	2.0	0.40	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	10	1.0	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	10	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.40	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	10	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	10	1.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	21.5	10	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	2.0	0.40	ug/l	
108-88-3	Toluene	29.5	2.0	1.0	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.60	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.60	ug/l	
1330-20-7	Xylene (total)	27.2	4.0	1.4	ug/l	
	TPH-GRO (C6-C10)	1070	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-7		
Lab Sample ID:	C19437-1	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	105%		60-130%
460-00-4	4-Bromofluorobenzene	105%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-7		
Lab Sample ID:	C19437-1	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH19539.D	1	12/17/11	JH	12/16/11	OP5073	GHH627
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel) [a]	0.332	0.097	0.049	mg/l	
	TPH (Motor Oil)	0.118	0.19	0.097	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	87%		45-140%

(a) Not a typical Diesel pattern; value due higher boiling gasoline compounds in the Diesel range (C10-C16).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-7		
Lab Sample ID:	C19437-1A	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH19538.D	1	12/17/11	JH	12/16/11	OP5078	GHH627
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel) [a]	0.287	0.096	0.048	mg/l	
	TPH (Motor Oil)	ND	0.19	0.096	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	89%		45-140%

(a) Not a typical Diesel pattern; value due higher boiling gasoline compounds in the Diesel range (C10-C16).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-8		
Lab Sample ID:	C19437-2	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R6765.D	5	12/22/11	BD	n/a	n/a	VR237
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	100	50	ug/l	
71-43-2	Benzene	208	5.0	1.5	ug/l	
108-86-1	Bromobenzene	ND	5.0	1.5	ug/l	
74-97-5	Bromochloromethane	ND	5.0	2.5	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.5	ug/l	
75-25-2	Bromoform	ND	5.0	2.5	ug/l	
104-51-8	n-Butylbenzene	ND	25	2.5	ug/l	
135-98-8	sec-Butylbenzene	3.1	25	2.5	ug/l	J
98-06-6	tert-Butylbenzene	ND	25	2.5	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.5	ug/l	
75-00-3	Chloroethane	ND	5.0	1.5	ug/l	
67-66-3	Chloroform	ND	5.0	1.5	ug/l	
95-49-8	o-Chlorotoluene	ND	25	2.5	ug/l	
106-43-4	p-Chlorotoluene	ND	25	2.5	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	1.5	ug/l	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	1.5	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	25	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.5	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.5	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	1.5	ug/l	
108-20-3	Di-Isopropyl ether	ND	25	2.5	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	1.5	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.5	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	2.5	ug/l	
541-73-1	m-Dichlorobenzene	ND	5.0	1.5	ug/l	
95-50-1	o-Dichlorobenzene	ND	5.0	1.5	ug/l	
106-46-7	p-Dichlorobenzene	ND	5.0	1.5	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-8		
Lab Sample ID:	C19437-2	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.5	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/l	
100-41-4	Ethylbenzene	42.9	5.0	1.5	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	25	2.5	ug/l	
591-78-6	2-Hexanone	ND	100	50	ug/l	
87-68-3	Hexachlorobutadiene	ND	25	2.5	ug/l	
98-82-8	Isopropylbenzene	8.5	5.0	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	25	2.5	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	100	25	ug/l	
74-83-9	Methyl bromide	ND	25	7.5	ug/l	
74-87-3	Methyl chloride	ND	5.0	1.5	ug/l	
74-95-3	Methylene bromide	ND	5.0	1.0	ug/l	
75-09-2	Methylene chloride	ND	100	25	ug/l	
78-93-3	Methyl ethyl ketone	ND	100	25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.5	ug/l	
91-20-3	Naphthalene	4.8	25	2.5	ug/l	J
103-65-1	n-Propylbenzene	20.8	25	2.5	ug/l	J
100-42-5	Styrene	ND	5.0	1.0	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	25	2.5	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	50	25	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	2.5	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	25	2.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	2.5	ug/l	
95-63-6	1,2,4-Trimethylbenzene	53.3	25	2.5	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	25	2.5	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	1.0	ug/l	
108-88-3	Toluene	4.0	5.0	2.5	ug/l	J
79-01-6	Trichloroethylene	ND	5.0	1.5	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	1.5	ug/l	
75-01-4	Vinyl chloride	ND	5.0	1.5	ug/l	
1330-20-7	Xylene (total)	14.0	10	3.5	ug/l	
	TPH-GRO (C6-C10)	2000	250	130	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-8		
Lab Sample ID:	C19437-2	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	104%		60-130%
460-00-4	4-Bromofluorobenzene	106%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-8		
Lab Sample ID:	C19437-2	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH19533.D	1	12/17/11	JH	12/16/11	OP5078	GHH627
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel) [a]	0.508	0.096	0.048	mg/l	
	TPH (Motor Oil)	ND	0.19	0.096	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	84%		45-140%

(a) Not a typical Diesel pattern; value due higher boiling gasoline compounds in the Diesel range (C10-C16).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-9		
Lab Sample ID:	C19437-3	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R6784.D	100	12/23/11	BD	n/a	n/a	VR238
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	2000	1000	ug/l	
71-43-2	Benzene	4810	100	30	ug/l	
108-86-1	Bromobenzene	ND	100	30	ug/l	
74-97-5	Bromochloromethane	ND	100	50	ug/l	
75-27-4	Bromodichloromethane	ND	100	30	ug/l	
75-25-2	Bromoform	ND	100	50	ug/l	
104-51-8	n-Butylbenzene	ND	500	50	ug/l	
135-98-8	sec-Butylbenzene	ND	500	50	ug/l	
98-06-6	tert-Butylbenzene	ND	500	50	ug/l	
108-90-7	Chlorobenzene	ND	100	30	ug/l	
75-00-3	Chloroethane	ND	100	30	ug/l	
67-66-3	Chloroform	ND	100	30	ug/l	
95-49-8	o-Chlorotoluene	ND	500	50	ug/l	
106-43-4	p-Chlorotoluene	ND	500	50	ug/l	
56-23-5	Carbon tetrachloride	ND	100	20	ug/l	
75-34-3	1,1-Dichloroethane	ND	100	30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	100	20	ug/l	
563-58-6	1,1-Dichloropropene	ND	100	30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1000	500	ug/l	
106-93-4	1,2-Dibromoethane	ND	100	20	ug/l	
107-06-2	1,2-Dichloroethane	ND	100	30	ug/l	
78-87-5	1,2-Dichloropropane	ND	100	30	ug/l	
142-28-9	1,3-Dichloropropane	ND	100	30	ug/l	
108-20-3	Di-Isopropyl ether	ND	500	50	ug/l	
594-20-7	2,2-Dichloropropane	ND	100	30	ug/l	
124-48-1	Dibromochloromethane	ND	100	20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	100	30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	100	30	ug/l	
10061-01-5	cis-1,3-Dichloropropene [a]	ND	100	50	ug/l	
541-73-1	m-Dichlorobenzene	ND	100	30	ug/l	
95-50-1	o-Dichlorobenzene	ND	100	30	ug/l	
106-46-7	p-Dichlorobenzene	ND	100	30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-9		
Lab Sample ID:	C19437-3	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	100	30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	100	20	ug/l	
100-41-4	Ethylbenzene	768	100	30	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	500	50	ug/l	
591-78-6	2-Hexanone	ND	2000	1000	ug/l	
87-68-3	Hexachlorobutadiene	ND	500	50	ug/l	
98-82-8	Isopropylbenzene	89.0	100	20	ug/l	J
99-87-6	p-Isopropyltoluene	ND	500	50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2000	500	ug/l	
74-83-9	Methyl bromide	ND	500	150	ug/l	
74-87-3	Methyl chloride	ND	100	30	ug/l	
74-95-3	Methylene bromide	ND	100	20	ug/l	
75-09-2	Methylene chloride	ND	2000	500	ug/l	
78-93-3	Methyl ethyl ketone	ND	2000	500	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	50	ug/l	
91-20-3	Naphthalene	403	500	50	ug/l	J
103-65-1	n-Propylbenzene	228	500	50	ug/l	J
100-42-5	Styrene	ND	100	20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	1000	500	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	100	20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	100	20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	500	50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	500	50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	500	50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	2410	500	50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	540	500	50	ug/l	
127-18-4	Tetrachloroethylene	ND	100	20	ug/l	
108-88-3	Toluene	5710	100	50	ug/l	
79-01-6	Trichloroethylene	ND	100	30	ug/l	
75-69-4	Trichlorofluoromethane	ND	100	30	ug/l	
75-01-4	Vinyl chloride	ND	100	30	ug/l	
1330-20-7	Xylene (total)	3260	200	70	ug/l	
	TPH-GRO (C6-C10)	35100	5000	2500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-9		
Lab Sample ID:	C19437-3	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	107%		60-130%
460-00-4	4-Bromofluorobenzene	106%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-9		
Lab Sample ID:	C19437-3	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH19604.D	10	12/18/11	JH	12/16/11	OP5078	GHH628
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel) [a]	7.95	0.96	0.48	mg/l	
	TPH (Motor Oil)	ND	1.9	0.96	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	80%		45-140%

(a) Not a typical Diesel pattern; value due higher boiling gasoline compounds in the Diesel range (C10-C16).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	ASMW-2D		
Lab Sample ID:	C19437-4	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R6758.D	1	12/22/11	BD	n/a	n/a	VR237
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	0.76	1.0	0.30	ug/l	J
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	0.52	5.0	0.50	ug/l	J
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	ASMW-2D		
Lab Sample ID:	C19437-4	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	1.0	5.0	0.50	ug/l	J
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	2.3	5.0	0.50	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	0.76	5.0	0.50	ug/l	J
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	0.99	1.0	0.50	ug/l	J
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	1.1	2.0	0.70	ug/l	J
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	ASMW-2D		
Lab Sample ID:	C19437-4	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	106%		60-130%
460-00-4	4-Bromofluorobenzene	107%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	ASMW-2D		
Lab Sample ID:	C19437-4	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH19535.D	1	12/17/11	JH	12/16/11	OP5078	GHH627
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.094	0.047	mg/l	
	TPH (Motor Oil)	0.0954	0.19	0.094	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	89%		45-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-6		
Lab Sample ID:	C19437-5	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R6785.D	2	12/23/11	BD	n/a	n/a	VR238
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	20	ug/l	
71-43-2	Benzene	17.6	2.0	0.60	ug/l	
108-86-1	Bromobenzene	ND	2.0	0.60	ug/l	
74-97-5	Bromochloromethane	ND	2.0	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.60	ug/l	
75-25-2	Bromoform	ND	2.0	1.0	ug/l	
104-51-8	n-Butylbenzene	2.0	10	1.0	ug/l	J
135-98-8	sec-Butylbenzene	2.3	10	1.0	ug/l	J
98-06-6	tert-Butylbenzene	3.6	10	1.0	ug/l	J
108-90-7	Chlorobenzene	ND	2.0	0.60	ug/l	
75-00-3	Chloroethane	ND	2.0	0.60	ug/l	
67-66-3	Chloroform	ND	2.0	0.60	ug/l	
95-49-8	o-Chlorotoluene	ND	10	1.0	ug/l	
106-43-4	p-Chlorotoluene	ND	10	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	0.40	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.60	ug/l	
75-35-4	1,1-Dichloroethylene	ND	2.0	0.40	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	20	10	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.40	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.60	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.60	ug/l	
142-28-9	1,3-Dichloropropane	ND	2.0	0.60	ug/l	
108-20-3	Di-Isopropyl ether	ND	10	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	2.0	0.60	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.60	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.60	ug/l	
10061-01-5	cis-1,3-Dichloropropene [a]	ND	2.0	1.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	2.0	0.60	ug/l	
95-50-1	o-Dichlorobenzene	ND	2.0	0.60	ug/l	
106-46-7	p-Dichlorobenzene	ND	2.0	0.60	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-6		
Lab Sample ID:	C19437-5	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.60	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.40	ug/l	
100-41-4	Ethylbenzene	3.3	2.0	0.60	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	10	1.0	ug/l	
591-78-6	2-Hexanone	ND	40	20	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	1.0	ug/l	
98-82-8	Isopropylbenzene	7.1	2.0	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	10	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	40	10	ug/l	
74-83-9	Methyl bromide	ND	10	3.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.60	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.40	ug/l	
75-09-2	Methylene chloride	ND	40	10	ug/l	
78-93-3	Methyl ethyl ketone	ND	40	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	10	1.0	ug/l	
103-65-1	n-Propylbenzene	10.9	10	1.0	ug/l	
100-42-5	Styrene	ND	2.0	0.40	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	10	1.0	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	10	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.40	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	10	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	10	1.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	2.0	0.40	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.60	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.60	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.60	ug/l	
1330-20-7	Xylene (total)	ND	4.0	1.4	ug/l	
	TPH-GRO (C6-C10)	617	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-6		
Lab Sample ID:	C19437-5	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	105%		60-130%

(a) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	E-6		
Lab Sample ID:	C19437-5	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH20096.D	2	12/29/11	MT	12/16/11	OP5078	GHH637
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel) [a]	0.225	0.19	0.094	mg/l	
	TPH (Motor Oil) [b]	1.81	0.38	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		45-140%

(a) Not a typical Diesel pattern; value due higher boiling gasoline compounds in the Diesel range (C10-C16).
(b) Atypical Motor Oil pattern (C28-C40).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	ASMW-2S		
Lab Sample ID:	C19437-6	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R6766.D	10	12/22/11	BD	n/a	n/a	VR237
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	200	100	ug/l	
71-43-2	Benzene	253	10	3.0	ug/l	
108-86-1	Bromobenzene	ND	10	3.0	ug/l	
74-97-5	Bromochloromethane	ND	10	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	10	3.0	ug/l	
75-25-2	Bromoform	ND	10	5.0	ug/l	
104-51-8	n-Butylbenzene	15.3	50	5.0	ug/l	J
135-98-8	sec-Butylbenzene	ND	50	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	50	5.0	ug/l	
108-90-7	Chlorobenzene	ND	10	3.0	ug/l	
75-00-3	Chloroethane	ND	10	3.0	ug/l	
67-66-3	Chloroform	ND	10	3.0	ug/l	
95-49-8	o-Chlorotoluene	ND	50	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	50	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	10	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	3.0	ug/l	
75-35-4	1,1-Dichloroethylene	ND	10	2.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	10	3.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	50	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	3.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	3.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	10	3.0	ug/l	
108-20-3	Di-Isopropyl ether	ND	50	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	10	3.0	ug/l	
124-48-1	Dibromochloromethane	ND	10	2.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	3.0	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	10	3.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	10	3.0	ug/l	
95-50-1	o-Dichlorobenzene	ND	10	3.0	ug/l	
106-46-7	p-Dichlorobenzene	ND	10	3.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	ASMW-2S		
Lab Sample ID:	C19437-6	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	10	3.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	2.0	ug/l	
100-41-4	Ethylbenzene	49.9	10	3.0	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	50	5.0	ug/l	
591-78-6	2-Hexanone	ND	200	100	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	5.0	ug/l	
98-82-8	Isopropylbenzene	14.0	10	2.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	50	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	200	50	ug/l	
74-83-9	Methyl bromide	ND	50	15	ug/l	
74-87-3	Methyl chloride	ND	10	3.0	ug/l	
74-95-3	Methylene bromide	ND	10	2.0	ug/l	
75-09-2	Methylene chloride	ND	200	50	ug/l	
78-93-3	Methyl ethyl ketone	ND	200	50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	5.0	ug/l	
91-20-3	Naphthalene	31.1	50	5.0	ug/l	J
103-65-1	n-Propylbenzene	32.1	50	5.0	ug/l	J
100-42-5	Styrene	ND	10	2.0	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	50	5.0	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	100	50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	2.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	2.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	2.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	50	5.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	50	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	50	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	221	50	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	34.6	50	5.0	ug/l	J
127-18-4	Tetrachloroethylene	ND	10	2.0	ug/l	
108-88-3	Toluene	19.8	10	5.0	ug/l	
79-01-6	Trichloroethylene	ND	10	3.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	3.0	ug/l	
75-01-4	Vinyl chloride	ND	10	3.0	ug/l	
1330-20-7	Xylene (total)	77.4	20	7.0	ug/l	
	TPH-GRO (C6-C10)	2250	500	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	ASMW-2S		
Lab Sample ID:	C19437-6	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	106%		60-130%
460-00-4	4-Bromofluorobenzene	106%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	ASMW-2S		
Lab Sample ID:	C19437-6	**Date Sampled:**	12/15/11
Matrix:	AQ - Ground Water	**Date Received:**	12/15/11
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH19537.D	1	12/17/11	JH	12/16/11	OP5078	GHH627
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel) [a]	0.998	0.094	0.047	mg/l	
	TPH (Motor Oil)	0.148	0.19	0.094	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	90%		45-140%

(a) Not a typical Diesel pattern; value due higher boiling gasoline compounds in the Diesel range (C10-C16).

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	C19437-7	**Date Sampled:**	12/15/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R6753.D	1	12/22/11	BD	n/a	n/a	VR237
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	C19437-7	**Date Sampled:**	12/15/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		60-130%
2037-26-5	Toluene-D8	103%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	C19437-7	**Date Sampled:**	12/15/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/15/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600101592-9201 San Leandro Street, Oakland CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

"SGRPCAPH2805"

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C C19437

Client / Reporting Information

Company Name: Source Group Inc
Address: 3478 Buskirk Ave Ste 100
City: Pleasant Hill State: CA Zip: 94523
Project Contact: Kristene Tidwell
Phone #: 925-944-2856
Sampler's Name: Harlow Newton / Geoff Taylor

Project Information

Project Name: Paco Pumps
Street: San Leandro St
City: Oakland State: CA
Project #: 04-PFT-003
EMAIL: ktidwell@thesourcegroup.net
Client Purchase Order #:

Requested Analysis: TPH (DRO & MRO) by 8015 with silica gel; BTEX & Oxygenates by 8260B; VOC's by 8260B; TPH (DRO & MRO) by 8015 without silica gel

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-Oil; WP-Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPH w/ silica gel	BTEX & Oxygenates	VOC's	TPH w/o silica gel	LAB USE ONLY
-1	E-7	12-15-11	1155	H.N.	GW	5	3				2				X	X	X	X	3-vials (w/HCl) 2-1L Ambers NP
-2	E-8	↓	1245	H.N.	↓	↓	3				2				X	X	X		↓
-3	E-9		1210	G.T.			3				2				X	X	X		
-4	ASMW-2D		1310	G.T.			3				2				X	X	X		
-5	E-6		1425	H.N.			3				2				X	X	X		
-6	ASMW-2S		1440	G.T.			3				2				X	X	X		↓
-7	Trip blank	↓	1150	H.N.	↓	↓	3										X		3-vials (w/HCl)

Turnaround Time (Business days) — Approved By:/ Date:

- [x] Standard TAT 15 Business Days
- [ ] 10 Day (Workload dependent)
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day *(200% markup)*
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [x] Commercial "B" - Results with QC summaries
- [ ] Commercial "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format______
- Provide EDF Global ID ______
- Provide EDF Logcode: ______

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	12-15-11 1453	1 Mike Mansfield	2 Mike Mansfield	12/15/11 15:55	2 [signature] 12-15-11 1555
Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #		
5		5			

Appropriate Bottle / Pres (Y) / N Headspace Y / (N) On Ice (Y) / N Cooler Temp. 3.8+0.1=3.9°C 5.0-0.4=4.6°C °C
Labels match Coc (Y) / N Separate Receiving Check List used: (Y) / N

3.1

3

C19437: Chain of Custody
Page 1 of 2

Accutest Laboratories Northern California Sample Receiving Check List Job# : C19437 Initial: JM | LS

Review Chain of Custody Chain of Custody is to be complete and legible.

- ✓ Are these regulatory (NPDES) samples? CWA — (Yes) / No
- ✓ Is pH requested? — Yes / (No)
  - ☐ Was Client informed that hold time is 15 min? Yes / No Continue Yes / No
  - ☐ Was ortho-Phosphate filtered with in 15 min? Yes / No Continue Yes / No
- ✓ Are sample within hold time? — (Yes) / No
  - Are sample in danger of exceeding hold-time — Yes / (No)
- ✓ Existing Client? (Yes) / No Existing Project? (Yes) / No
  - If No: Is Report to info complete and legible, including;
    - ☐ deliverable ☐ Name ☐ Address ☐ phone ☐ e-mail
  - Is Bill to info complete and legible, including;
    - ☐ PO# ☐ Credit card ☐ Contact ☐ address ☐ phone ☐ e-mail
  - Is Contact and/or Project Manager identified, including;
    - ☐ phone ☐ e-mail
    - ☐ Project name / number
- ✓ Special requirements? — Yes / (No)
- ✓ Sample IDs / date & time of collection provided? — (Yes) / No
- ✓ Is Matrix listed and correct? — (Yes) / No
- ✓ Analyses listed, we do, or client has authorized a subcontract? — (Yes) / No
- ✓ Chain is signed and dated by both client and sample custodian? — (Yes) / No
- ✓ TAT requested available? (Yes) / No Approved by PM

Review Coolers:

- ✓ Were all Coolers temperatures measured at ≤6°C? — (Yes) / No
  - If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- ✓ Are samples on Ice? — (Yes) / No

Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

- ✓ Shipment Received Method AC
- ✓ Custody Seals: Present: Yes / (No) If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

- ✓ Chain matches bottle labels? (Yes) / No ✓ Sample bottle intact? (Yes) / No
- ✓ Is there enough sample volume in proper bottle for requested analyses? (Yes) / No
- ✓ Proper Preservatives? (Yes) / No
  - Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.
- ✓ Headspace-VOAs? **Greater than 6mm in diameter** **List sample ID and affected container** — Yes / (No)

Client Sample ID	pH Check	Other Comments/Issues

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Accunca.accutest.com\depts\qa\sops\sop_completelist_2010\current_active_sop_oct_2010\sc001f1_0_form1_samplecontrol_samplereceivingchecklist_2009-01-01.doc

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR237-MB	R6749.D	1	12/22/11	BD	n/a	n/a	VR237

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-1, C19437-2, C19437-4, C19437-6, C19437-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	

Method Blank Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR237-MB	R6749.D	1	12/22/11	BD	n/a	n/a	VR237

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-1, C19437-2, C19437-4, C19437-6, C19437-7

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

Method Blank Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR237-MB	R6749.D	1	12/22/11	BD	n/a	n/a	VR237

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-1, C19437-2, C19437-4, C19437-6, C19437-7

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	60-130%
2037-26-5	Toluene-D8	106%	60-130%
460-00-4	4-Bromofluorobenzene	105%	60-130%

Method Blank Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR238-MB	R6777.D	1	12/23/11	BD	n/a	n/a	VR238

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-3, C19437-5

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	

Method Blank Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR238-MB	R6777.D	1	12/23/11	BD	n/a	n/a	VR238

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-3, C19437-5

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

Method Blank Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR238-MB	R6777.D	1	12/23/11	BD	n/a	n/a	VR238

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-3, C19437-5

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	60-130%
2037-26-5	Toluene-D8	106%	60-130%
460-00-4	4-Bromofluorobenzene	106%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR237-BS	R6746.D	1	12/22/11	BD	n/a	n/a	VR237
VR237-BSD	R6747.D	1	12/22/11	BD	n/a	n/a	VR237

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-1, C19437-2, C19437-4, C19437-6, C19437-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	80	84.3	105	78.9	99	7	60-130/30
71-43-2	Benzene	20	20.6	103	19.9	100	3	60-130/30
108-86-1	Bromobenzene	20	18.5	93	17.7	89	4	60-130/30
74-97-5	Bromochloromethane	20	20.9	105	20.1	101	4	60-130/30
75-27-4	Bromodichloromethane	20	21.6	108	20.8	104	4	60-130/30
75-25-2	Bromoform	20	19.9	100	19.1	96	4	60-130/30
104-51-8	n-Butylbenzene	20	19.8	99	19.7	99	1	60-130/30
135-98-8	sec-Butylbenzene	20	19.5	98	19.5	98	0	60-130/30
98-06-6	tert-Butylbenzene	20	19.3	97	19.0	95	2	60-130/30
108-90-7	Chlorobenzene	20	19.7	99	19.1	96	3	60-130/30
75-00-3	Chloroethane	20	21.3	107	21.5	108	1	60-130/30
67-66-3	Chloroform	20	20.9	105	20.3	102	3	60-130/30
95-49-8	o-Chlorotoluene	20	19.9	100	19.4	97	3	60-130/30
106-43-4	p-Chlorotoluene	20	19.8	99	19.1	96	4	60-130/30
56-23-5	Carbon tetrachloride	20	19.7	99	19.8	99	1	60-130/30
75-34-3	1,1-Dichloroethane	20	21.3	107	21.0	105	1	60-130/30
75-35-4	1,1-Dichloroethylene	20	20.8	104	21.1	106	1	60-130/30
563-58-6	1,1-Dichloropropene	20	20.6	103	20.6	103	0	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	20	19.3	97	18.6	93	4	60-130/30
106-93-4	1,2-Dibromoethane	20	20.6	103	19.8	99	4	60-130/30
107-06-2	1,2-Dichloroethane	20	20.5	103	19.6	98	4	60-130/30
78-87-5	1,2-Dichloropropane	20	21.0	105	20.4	102	3	60-130/30
142-28-9	1,3-Dichloropropane	20	21.5	108	20.6	103	4	60-130/30
108-20-3	Di-Isopropyl ether	20	20.8	104	20.4	102	2	60-130/30
594-20-7	2,2-Dichloropropane	20	20.1	101	20.3	102	1	60-130/30
124-48-1	Dibromochloromethane	20	20.8	104	19.9	100	4	60-130/30
75-71-8	Dichlorodifluoromethane	20	23.4	117	23.4	117	0	60-130/30
156-59-2	cis-1,2-Dichloroethylene	20	20.2	101	19.7	99	3	60-130/30
10061-01-5	cis-1,3-Dichloropropene	20	22.2	111	21.2	106	5	60-130/30
541-73-1	m-Dichlorobenzene	20	19.1	96	18.5	93	3	60-130/30
95-50-1	o-Dichlorobenzene	20	18.9	95	18.3	92	3	60-130/30
106-46-7	p-Dichlorobenzene	20	19.3	97	18.7	94	3	60-130/30
156-60-5	trans-1,2-Dichloroethylene	20	20.6	103	20.4	102	1	60-130/30
10061-02-6	trans-1,3-Dichloropropene	20	18.9	95	18.1	91	4	60-130/30
100-41-4	Ethylbenzene	20	20.6	103	20.2	101	2	60-130/30
637-92-3	Ethyl Tert Butyl Ether	20	20.0	100	19.5	98	3	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR237-BS	R6746.D	1	12/22/11	BD	n/a	n/a	VR237
VR237-BSD	R6747.D	1	12/22/11	BD	n/a	n/a	VR237

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-1, C19437-2, C19437-4, C19437-6, C19437-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	80	90.3	113	86.5	108	4	60-130/30
87-68-3	Hexachlorobutadiene	20	16.2	81	16.9	85	4	60-130/30
98-82-8	Isopropylbenzene	20	20.3	102	20.0	100	1	60-130/30
99-87-6	p-Isopropyltoluene	20	19.1	96	19.0	95	1	60-130/30
108-10-1	4-Methyl-2-pentanone	80	84.5	106	81.4	102	4	60-130/30
74-83-9	Methyl bromide	20	21.1	106	20.8	104	1	60-130/30
74-87-3	Methyl chloride	20	19.3	97	19.0	95	2	60-130/30
74-95-3	Methylene bromide	20	21.6	108	20.6	103	5	60-130/30
75-09-2	Methylene chloride	20	20.6	103	20.1	101	2	60-130/30
78-93-3	Methyl ethyl ketone	80	84.7	106	81.1	101	4	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	21.1	106	20.5	103	3	60-130/30
91-20-3	Naphthalene	20	18.8	94	18.5	93	2	60-130/30
103-65-1	n-Propylbenzene	20	19.6	98	19.2	96	2	60-130/30
100-42-5	Styrene	20	21.1	106	20.5	103	3	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	19.7	99	19.3	97	2	60-130/30
75-65-0	Tert-Butyl Alcohol	100	103	103	99.6	100	3	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	20	19.8	99	19.0	95	4	60-130/30
71-55-6	1,1,1-Trichloroethane	20	19.9	100	20.2	101	1	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	20	20.4	102	19.5	98	5	60-130/30
79-00-5	1,1,2-Trichloroethane	20	21.6	108	20.6	103	5	60-130/30
87-61-6	1,2,3-Trichlorobenzene	20	17.7	89	17.7	89	0	60-130/30
96-18-4	1,2,3-Trichloropropane	20	19.9	100	19.1	96	4	60-130/30
120-82-1	1,2,4-Trichlorobenzene	20	17.6	88	17.4	87	1	60-130/30
95-63-6	1,2,4-Trimethylbenzene	20	19.9	100	19.5	98	2	60-130/30
108-67-8	1,3,5-Trimethylbenzene	20	19.5	98	19.2	96	2	60-130/30
127-18-4	Tetrachloroethylene	20	17.8	89	18.6	93	4	60-130/30
108-88-3	Toluene	20	20.8	104	20.2	101	3	60-130/30
79-01-6	Trichloroethylene	20	20.0	100	19.4	97	3	60-130/30
75-69-4	Trichlorofluoromethane	20	20.6	103	20.8	104	1	60-130/30
75-01-4	Vinyl chloride	20	21.5	108	21.7	109	1	60-130/30
1330-20-7	Xylene (total)	60	58.8	98	57.2	95	3	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	104%	105%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR237-BS	R6746.D	1	12/22/11	BD	n/a	n/a	VR237
VR237-BSD	R6747.D	1	12/22/11	BD	n/a	n/a	VR237

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-1, C19437-2, C19437-4, C19437-6, C19437-7

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
2037-26-5	Toluene-D8	106%	106%	60-130%
460-00-4	4-Bromofluorobenzene	108%	107%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR238-BS	R6774.D	1	12/23/11	BD	n/a	n/a	VR238
VR238-BSD	R6775.D	1	12/23/11	BD	n/a	n/a	VR238

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-3, C19437-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	80	88.4	111	88.2	110	0	60-130/30
71-43-2	Benzene	20	21.6	108	21.9	110	1	60-130/30
108-86-1	Bromobenzene	20	19.3	97	19.6	98	2	60-130/30
74-97-5	Bromochloromethane	20	22.0	110	21.9	110	0	60-130/30
75-27-4	Bromodichloromethane	20	22.4	112	22.8	114	2	60-130/30
75-25-2	Bromoform	20	20.7	104	20.8	104	0	60-130/30
104-51-8	n-Butylbenzene	20	20.9	105	21.3	107	2	60-130/30
135-98-8	sec-Butylbenzene	20	20.7	104	21.0	105	1	60-130/30
98-06-6	tert-Butylbenzene	20	20.2	101	20.7	104	2	60-130/30
108-90-7	Chlorobenzene	20	20.5	103	20.7	104	1	60-130/30
75-00-3	Chloroethane	20	21.9	110	22.7	114	4	60-130/30
67-66-3	Chloroform	20	22.0	110	22.1	111	0	60-130/30
95-49-8	o-Chlorotoluene	20	19.9	100	20.6	103	3	60-130/30
106-43-4	p-Chlorotoluene	20	21.5	108	21.2	106	1	60-130/30
56-23-5	Carbon tetrachloride	20	21.2	106	21.3	107	0	60-130/30
75-34-3	1,1-Dichloroethane	20	22.5	113	22.6	113	0	60-130/30
75-35-4	1,1-Dichloroethylene	20	22.8	114	22.7	114	0	60-130/30
563-58-6	1,1-Dichloropropene	20	21.9	110	22.3	112	2	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	20	19.9	100	20.7	104	4	60-130/30
106-93-4	1,2-Dibromoethane	20	21.2	106	21.6	108	2	60-130/30
107-06-2	1,2-Dichloroethane	20	21.1	106	21.5	108	2	60-130/30
78-87-5	1,2-Dichloropropane	20	21.8	109	22.2	111	2	60-130/30
142-28-9	1,3-Dichloropropane	20	22.0	110	22.3	112	1	60-130/30
108-20-3	Di-Isopropyl ether	20	21.8	109	21.9	110	0	60-130/30
594-20-7	2,2-Dichloropropane	20	21.9	110	21.6	108	1	60-130/30
124-48-1	Dibromochloromethane	20	21.4	107	21.6	108	1	60-130/30
75-71-8	Dichlorodifluoromethane	20	24.3	122	24.9	125	2	60-130/30
156-59-2	cis-1,2-Dichloroethylene	20	21.4	107	21.4	107	0	60-130/30
10061-01-5	cis-1,3-Dichloropropene	20	23.0	115	23.4	117	2	60-130/30
541-73-1	m-Dichlorobenzene	20	20.0	100	20.3	102	1	60-130/30
95-50-1	o-Dichlorobenzene	20	19.8	99	20.0	100	1	60-130/30
106-46-7	p-Dichlorobenzene	20	20.1	101	20.4	102	1	60-130/30
156-60-5	trans-1,2-Dichloroethylene	20	22.1	111	22.1	111	0	60-130/30
10061-02-6	trans-1,3-Dichloropropene	20	19.2	96	19.5	98	2	60-130/30
100-41-4	Ethylbenzene	20	21.4	107	21.8	109	2	60-130/30
637-92-3	Ethyl Tert Butyl Ether	20	21.0	105	21.0	105	0	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR238-BS	R6774.D	1	12/23/11	BD	n/a	n/a	VR238
VR238-BSD	R6775.D	1	12/23/11	BD	n/a	n/a	VR238

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-3, C19437-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	80	93.3	117	94.9	119	2	60-130/30
87-68-3	Hexachlorobutadiene	20	17.3	87	18.3	92	6	60-130/30
98-82-8	Isopropylbenzene	20	21.3	107	21.6	108	1	60-130/30
99-87-6	p-Isopropyltoluene	20	20.4	102	20.7	104	1	60-130/30
108-10-1	4-Methyl-2-pentanone	80	87.1	109	88.8	111	2	60-130/30
74-83-9	Methyl bromide	20	21.6	108	22.2	111	3	60-130/30
74-87-3	Methyl chloride	20	19.7	99	20.0	100	2	60-130/30
74-95-3	Methylene bromide	20	22.6	113	22.8	114	1	60-130/30
75-09-2	Methylene chloride	20	21.7	109	21.8	109	0	60-130/30
78-93-3	Methyl ethyl ketone	80	88.8	111	90.2	113	2	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	22.2	111	22.2	111	0	60-130/30
91-20-3	Naphthalene	20	19.7	99	20.7	104	5	60-130/30
103-65-1	n-Propylbenzene	20	20.6	103	20.9	105	1	60-130/30
100-42-5	Styrene	20	21.8	109	22.1	111	1	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	20.8	104	20.7	104	0	60-130/30
75-65-0	Tert-Butyl Alcohol	100	112	112	115	115	3	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	20	20.5	103	20.7	104	1	60-130/30
71-55-6	1,1,1-Trichloroethane	20	21.7	109	21.3	107	2	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	20	21.3	107	21.5	108	1	60-130/30
79-00-5	1,1,2-Trichloroethane	20	22.1	111	22.3	112	1	60-130/30
87-61-6	1,2,3-Trichlorobenzene	20	18.8	94	19.7	99	5	60-130/30
96-18-4	1,2,3-Trichloropropane	20	20.6	103	20.9	105	1	60-130/30
120-82-1	1,2,4-Trichlorobenzene	20	18.4	92	19.1	96	4	60-130/30
95-63-6	1,2,4-Trimethylbenzene	20	21.0	105	21.2	106	1	60-130/30
108-67-8	1,3,5-Trimethylbenzene	20	20.7	104	20.9	105	1	60-130/30
127-18-4	Tetrachloroethylene	20	18.4	92	19.0	95	3	60-130/30
108-88-3	Toluene	20	21.5	108	21.8	109	1	60-130/30
79-01-6	Trichloroethylene	20	20.8	104	21.3	107	2	60-130/30
75-69-4	Trichlorofluoromethane	20	21.2	106	22.2	111	5	60-130/30
75-01-4	Vinyl chloride	20	22.3	112	23.0	115	3	60-130/30
1330-20-7	Xylene (total)	60	61.3	102	62.0	103	1	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	105%	104%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR238-BS	R6774.D	1	12/23/11	BD	n/a	n/a	VR238
VR238-BSD	R6775.D	1	12/23/11	BD	n/a	n/a	VR238

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-3, C19437-5

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
2037-26-5	Toluene-D8	105%	105%	60-130%
460-00-4	4-Bromofluorobenzene	106%	105%	60-130%

Laboratory Control Sample Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR237-LCS	R6748.D	1	12/22/11	BD	n/a	n/a	VR237

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-1, C19437-2, C19437-4, C19437-6, C19437-7

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
	TPH-GRO (C6-C10)	125	115	92	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	60-130%
2037-26-5	Toluene-D8	107%	60-130%
460-00-4	4-Bromofluorobenzene	106%	60-130%

Laboratory Control Sample Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR238-LCS	R6776.D	1	12/23/11	BD	n/a	n/a	VR238

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-3, C19437-5

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
	TPH-GRO (C6-C10)	125	98.5	79	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	60-130%
2037-26-5	Toluene-D8	106%	60-130%
460-00-4	4-Bromofluorobenzene	105%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C19415-1MS	R6767.D	1	12/22/11	BD	n/a	n/a	VR237
C19415-1MSD	R6768.D	1	12/22/11	BD	n/a	n/a	VR237
C19415-1	R6754.D	1	12/22/11	BD	n/a	n/a	VR237

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-1, C19437-2, C19437-4, C19437-6, C19437-7

CAS No.	Compound	C19415-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		80	81.3	102	86.2	108	6	60-130/25
71-43-2	Benzene	ND		20	22.3	112	22.1	111	1	60-130/25
108-86-1	Bromobenzene	ND		20	19.8	99	19.9	100	1	60-130/25
74-97-5	Bromochloromethane	ND		20	22.2	111	22.2	111	0	60-130/25
75-27-4	Bromodichloromethane	ND		20	22.3	112	22.3	112	0	60-130/25
75-25-2	Bromoform	ND		20	18.1	91	18.3	92	1	60-130/25
104-51-8	n-Butylbenzene	ND		20	21.6	108	21.3	107	1	60-130/25
135-98-8	sec-Butylbenzene	ND		20	21.7	109	21.3	107	2	60-130/25
98-06-6	tert-Butylbenzene	ND		20	21.0	105	20.6	103	2	60-130/25
108-90-7	Chlorobenzene	ND		20	21.1	106	21.0	105	0	60-130/25
75-00-3	Chloroethane	ND		20	23.6	118	23.0	115	3	60-130/25
67-66-3	Chloroform	ND		20	22.5	113	22.3	112	1	60-130/25
95-49-8	o-Chlorotoluene	ND		20	21.3	107	21.0	105	1	60-130/25
106-43-4	p-Chlorotoluene	ND		20	21.3	107	21.1	106	1	60-130/25
56-23-5	Carbon tetrachloride	ND		20	21.6	108	21.0	105	3	60-130/25
75-34-3	1,1-Dichloroethane	ND		20	23.0	115	22.7	114	1	60-130/25
75-35-4	1,1-Dichloroethylene	ND		20	22.9	115	22.1	111	4	60-130/25
563-58-6	1,1-Dichloropropene	ND		20	22.6	113	22.2	111	2	60-130/25
96-12-8	1,2-Dibromo-3-chloropropane	ND		20	19.4	97	20.0	100	3	60-130/25
106-93-4	1,2-Dibromoethane	ND		20	21.3	107	21.7	109	2	60-130/25
107-06-2	1,2-Dichloroethane	ND		20	21.2	106	21.6	108	2	60-130/25
78-87-5	1,2-Dichloropropane	ND		20	22.5	113	22.7	114	1	60-130/25
142-28-9	1,3-Dichloropropane	ND		20	22.3	112	22.4	112	0	60-130/25
108-20-3	Di-Isopropyl ether	ND		20	22.3	112	22.4	112	0	60-130/25
594-20-7	2,2-Dichloropropane	ND		20	20.8	104	20.2	101	3	60-130/25
124-48-1	Dibromochloromethane	ND		20	20.3	102	20.2	101	0	60-130/25
75-71-8	Dichlorodifluoromethane	ND		20	20.9	105	20.0	100	4	60-130/25
156-59-2	cis-1,2-Dichloroethylene	ND		20	21.8	109	21.8	109	0	60-130/25
10061-01-5	cis-1,3-Dichloropropene	ND		20	21.6	108	22.1	111	2	60-130/25
541-73-1	m-Dichlorobenzene	ND		20	20.5	103	20.5	103	0	60-130/25
95-50-1	o-Dichlorobenzene	ND		20	20.2	101	20.1	101	0	60-130/25
106-46-7	p-Dichlorobenzene	ND		20	20.7	104	20.5	103	1	60-130/25
156-60-5	trans-1,2-Dichloroethylene	ND		20	22.4	112	21.9	110	2	60-130/25
10061-02-6	trans-1,3-Dichloropropene	ND		20	17.5	88	18.1	91	3	60-130/25
100-41-4	Ethylbenzene	ND		20	22.2	111	21.9	110	1	60-130/25
637-92-3	Ethyl Tert Butyl Ether	ND		20	21.4	107	21.5	108	0	60-130/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C19415-1MS	R6767.D	1	12/22/11	BD	n/a	n/a	VR237
C19415-1MSD	R6768.D	1	12/22/11	BD	n/a	n/a	VR237
C19415-1	R6754.D	1	12/22/11	BD	n/a	n/a	VR237

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-1, C19437-2, C19437-4, C19437-6, C19437-7

CAS No.	Compound	C19415-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	ND		80	90.4	113	92.6	116	2	60-130/25
87-68-3	Hexachlorobutadiene	ND		20	17.7	89	18.3	92	3	60-130/25
98-82-8	Isopropylbenzene	ND		20	22.2	111	21.8	109	2	60-130/25
99-87-6	p-Isopropyltoluene	ND		20	20.8	104	20.5	103	1	60-130/25
108-10-1	4-Methyl-2-pentanone	ND		80	85.4	107	87.2	109	2	60-130/25
74-83-9	Methyl bromide	ND		20	22.3	112	22.4	112	0	60-130/25
74-87-3	Methyl chloride	ND		20	19.6	98	19.1	96	3	60-130/25
74-95-3	Methylene bromide	ND		20	22.5	113	22.8	114	1	60-130/25
75-09-2	Methylene chloride	ND		20	22.0	110	21.9	110	0	60-130/25
78-93-3	Methyl ethyl ketone	ND		80	84.0	105	86.4	108	3	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	22.2	111	22.5	113	1	60-130/25
91-20-3	Naphthalene	ND		20	19.3	97	20.3	102	5	60-130/25
103-65-1	n-Propylbenzene	ND		20	21.4	107	21.0	105	2	60-130/25
100-42-5	Styrene	ND		20	17.7	89	17.4	87	2	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		20	21.1	106	21.2	106	0	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		100	110	110	116	116	5	60-130/25
630-20-6	1,1,1,2-Tetrachloroethane	ND		20	21.1	106	20.8	104	1	60-130/25
71-55-6	1,1,1-Trichloroethane	ND		20	22.2	111	21.7	109	2	60-130/25
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	21.1	106	21.4	107	1	60-130/25
79-00-5	1,1,2-Trichloroethane	ND		20	22.3	112	22.7	114	2	60-130/25
87-61-6	1,2,3-Trichlorobenzene	ND		20	18.1	91	19.4	97	7	60-130/25
96-18-4	1,2,3-Trichloropropane	ND		20	18.5	93	19.3	97	4	60-130/25
120-82-1	1,2,4-Trichlorobenzene	ND		20	18.2	91	18.9	95	4	60-130/25
95-63-6	1,2,4-Trimethylbenzene	ND		20	19.0	95	18.4	92	3	60-130/25
108-67-8	1,3,5-Trimethylbenzene	ND		20	20.6	103	20.2	101	2	60-130/25
127-18-4	Tetrachloroethylene	ND		20	19.0	95	18.7	94	2	60-130/25
108-88-3	Toluene	ND		20	22.4	112	22.0	110	2	60-130/25
79-01-6	Trichloroethylene	ND		20	21.8	109	21.7	109	0	60-130/25
75-69-4	Trichlorofluoromethane	ND		20	23.3	117	22.3	112	4	60-130/25
75-01-4	Vinyl chloride	ND		20	23.3	117	22.5	113	3	60-130/25
1330-20-7	Xylene (total)	ND		60	62.7	105	61.6	103	2	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C19415-1	Limits
1868-53-7	Dibromofluoromethane	104%	104%	102%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C19415-1MS	R6767.D	1	12/22/11	BD	n/a	n/a	VR237
C19415-1MSD	R6768.D	1	12/22/11	BD	n/a	n/a	VR237
C19415-1	R6754.D	1	12/22/11	BD	n/a	n/a	VR237

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-1, C19437-2, C19437-4, C19437-6, C19437-7

CAS No.	Surrogate Recoveries	MS	MSD	C19415-1	Limits
2037-26-5	Toluene-D8	105%	104%	105%	60-130%
460-00-4	4-Bromofluorobenzene	106%	106%	105%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C19472-1MS	R6795.D	1	12/23/11	BD	n/a	n/a	VR238
C19472-1MSD	R6796.D	1	12/23/11	BD	n/a	n/a	VR238
C19472-1	R6780.D	1	12/23/11	BD	n/a	n/a	VR238

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-3, C19437-5

CAS No.	Compound	C19472-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		80	85.2	107	84.6	106	1	60-130/25
71-43-2	Benzene	ND		20	23.1	116	22.5	113	3	60-130/25
108-86-1	Bromobenzene	ND		20	20.7	104	20.1	101	3	60-130/25
74-97-5	Bromochloromethane	ND		20	22.9	115	22.6	113	1	60-130/25
75-27-4	Bromodichloromethane	ND		20	23.3	117	22.8	114	2	60-130/25
75-25-2	Bromoform	ND		20	19.6	98	19.3	97	2	60-130/25
104-51-8	n-Butylbenzene	ND		20	22.2	111	21.4	107	4	60-130/25
135-98-8	sec-Butylbenzene	ND		20	22.4	112	21.6	108	4	60-130/25
98-06-6	tert-Butylbenzene	ND		20	22.0	110	21.1	106	4	60-130/25
108-90-7	Chlorobenzene	ND		20	22.2	111	21.5	108	3	60-130/25
75-00-3	Chloroethane	ND		20	23.9	120	23.2	116	3	60-130/25
67-66-3	Chloroform	ND		20	23.4	117	22.6	113	3	60-130/25
95-49-8	o-Chlorotoluene	ND		20	21.8	109	21.1	106	3	60-130/25
106-43-4	p-Chlorotoluene	ND		20	22.1	111	21.5	108	3	60-130/25
56-23-5	Carbon tetrachloride	ND		20	22.3	112	21.4	107	4	60-130/25
75-34-3	1,1-Dichloroethane	ND		20	23.8	119	23.2	116	3	60-130/25
75-35-4	1,1-Dichloroethylene	ND		20	23.2	116	22.4	112	4	60-130/25
563-58-6	1,1-Dichloropropene	ND		20	23.3	117	22.5	113	3	60-130/25
96-12-8	1,2-Dibromo-3-chloropropane	ND		20	19.9	100	20.0	100	1	60-130/25
106-93-4	1,2-Dibromoethane	ND		20	22.3	112	22.1	111	1	60-130/25
107-06-2	1,2-Dichloroethane	0.41	J	20	22.7	111	22.2	109	2	60-130/25
78-87-5	1,2-Dichloropropane	ND		20	23.2	116	22.9	115	1	60-130/25
142-28-9	1,3-Dichloropropane	ND		20	23.2	116	22.8	114	2	60-130/25
108-20-3	Di-Isopropyl ether	ND		20	22.9	115	22.5	113	2	60-130/25
594-20-7	2,2-Dichloropropane	ND		20	21.3	107	20.5	103	4	60-130/25
124-48-1	Dibromochloromethane	ND		20	21.3	107	20.8	104	2	60-130/25
75-71-8	Dichlorodifluoromethane	ND		20	17.7	89	16.6	83	6	60-130/25
156-59-2	cis-1,2-Dichloroethylene	ND		20	22.6	113	22.0	110	3	60-130/25
10061-01-5	cis-1,3-Dichloropropene	ND		20	23.2	116	22.7	114	2	60-130/25
541-73-1	m-Dichlorobenzene	ND		20	21.3	107	20.8	104	2	60-130/25
95-50-1	o-Dichlorobenzene	ND		20	21.0	105	20.7	104	1	60-130/25
106-46-7	p-Dichlorobenzene	ND		20	21.4	107	21.0	105	2	60-130/25
156-60-5	trans-1,2-Dichloroethylene	ND		20	23.3	117	22.4	112	4	60-130/25
10061-02-6	trans-1,3-Dichloropropene	ND		20	19.3	97	18.8	94	3	60-130/25
100-41-4	Ethylbenzene	ND		20	23.1	116	22.4	112	3	60-130/25
637-92-3	Ethyl Tert Butyl Ether	ND		20	21.9	110	21.7	109	1	60-130/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C19472-1MS	R6795.D	1	12/23/11	BD	n/a	n/a	VR238
C19472-1MSD	R6796.D	1	12/23/11	BD	n/a	n/a	VR238
C19472-1	R6780.D	1	12/23/11	BD	n/a	n/a	VR238

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-3, C19437-5

CAS No.	Compound	C19472-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	ND		80	93.6	117	93.4	117	0	60-130/25
87-68-3	Hexachlorobutadiene	ND		20	18.4	92	18.4	92	0	60-130/25
98-82-8	Isopropylbenzene	ND		20	23.1	116	22.3	112	4	60-130/25
99-87-6	p-Isopropyltoluene	ND		20	21.5	108	20.8	104	3	60-130/25
108-10-1	4-Methyl-2-pentanone	ND		80	87.7	110	88.0	110	0	60-130/25
74-83-9	Methyl bromide	ND		20	23.1	116	22.6	113	2	60-130/25
74-87-3	Methyl chloride	ND		20	18.8	94	18.3	92	3	60-130/25
74-95-3	Methylene bromide	ND		20	23.4	117	23.4	117	0	60-130/25
75-09-2	Methylene chloride	ND		20	22.7	114	22.5	113	1	60-130/25
78-93-3	Methyl ethyl ketone	ND		80	87.7	110	87.3	109	0	60-130/25
1634-04-4	Methyl Tert Butyl Ether	1.2		20	23.9	114	23.8	113	0	60-130/25
91-20-3	Naphthalene	ND		20	20.3	102	20.6	103	1	60-130/25
103-65-1	n-Propylbenzene	ND		20	22.1	111	21.2	106	4	60-130/25
100-42-5	Styrene	ND		20	19.0	95	18.3	92	4	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		20	21.7	109	21.4	107	1	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		100	112	112	114	114	2	60-130/25
630-20-6	1,1,1,2-Tetrachloroethane	ND		20	21.9	110	21.5	108	2	60-130/25
71-55-6	1,1,1-Trichloroethane	ND		20	23.0	115	22.3	112	3	60-130/25
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	21.9	110	21.8	109	0	60-130/25
79-00-5	1,1,2-Trichloroethane	ND		20	23.2	116	22.9	115	1	60-130/25
87-61-6	1,2,3-Trichlorobenzene	ND		20	18.9	95	19.7	99	4	60-130/25
96-18-4	1,2,3-Trichloropropane	ND		20	19.9	100	19.6	98	2	60-130/25
120-82-1	1,2,4-Trichlorobenzene	ND		20	18.9	95	19.3	97	2	60-130/25
95-63-6	1,2,4-Trimethylbenzene	ND		20	20.4	102	19.7	99	3	60-130/25
108-67-8	1,3,5-Trimethylbenzene	ND		20	20.5	103	19.7	99	4	60-130/25
127-18-4	Tetrachloroethylene	ND		20	20.2	101	19.2	96	5	60-130/25
108-88-3	Toluene	ND		20	23.1	116	22.3	112	4	60-130/25
79-01-6	Trichloroethylene	ND		20	22.8	114	22.1	111	3	60-130/25
75-69-4	Trichlorofluoromethane	ND		20	22.9	115	22.0	110	4	60-130/25
75-01-4	Vinyl chloride	ND		20	22.6	113	21.9	110	3	60-130/25
1330-20-7	Xylene (total)	ND		60	64.5	108	62.1	104	4	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C19472-1	Limits
1868-53-7	Dibromofluoromethane	104%	104%	101%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C19472-1MS	R6795.D	1	12/23/11	BD	n/a	n/a	VR238
C19472-1MSD	R6796.D	1	12/23/11	BD	n/a	n/a	VR238
C19472-1	R6780.D	1	12/23/11	BD	n/a	n/a	VR238

The QC reported here applies to the following samples: **Method:** SW846 8260B

C19437-3, C19437-5

CAS No.	Surrogate Recoveries	MS	MSD	C19472-1	Limits
2037-26-5	Toluene-D8	104%	104%	105%	60-130%
460-00-4	4-Bromofluorobenzene	107%	107%	105%	60-130%

Northern California ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5073-MB	HH19518.D	1	12/16/11	JH	12/15/11	OP5073	GHH627

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C19437-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.050	mg/l	
	TPH (Motor Oil)	ND	0.20	0.10	mg/l	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	93%	45-140%

Method Blank Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5078-MB	HH19515.D	1	12/16/11	JH	12/16/11	OP5078	GHH627

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C19437-2, C19437-3, C19437-4, C19437-5, C19437-6, C19437-1A

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.050	mg/l	
	TPH (Motor Oil)	ND	0.20	0.10	mg/l	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	90%	45-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5073-BS	HH19519.D	1	12/16/11	JH	12/15/11	OP5073	GHH627
OP5073-BSD	HH19520.D	1	12/16/11	JH	12/15/11	OP5073	GHH627

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C19437-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	1	0.897	90	0.888	89	1	45-140/30
	TPH (Motor Oil)	1	0.755	76	0.787	79	4	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	87%	89%	45-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5078-BS	HH19516.D	1	12/16/11	JH	12/16/11	OP5078	GHH627
OP5078-BSD	HH19517.D	1	12/16/11	JH	12/16/11	OP5078	GHH627

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C19437-2, C19437-3, C19437-4, C19437-5, C19437-6, C19437-1A

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	1	0.994	99	0.983	98	1	45-140/30
	TPH (Motor Oil)	1	0.847	85	0.833	83	2	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	95%	92%	45-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5073-MS	HH19666.D	1	12/19/11	JH	12/15/11	OP5073	GHH630
OP5073-MSD	HH19667.D	1	12/19/11	JH	12/15/11	OP5073	GHH630
C19374-4	HH19525.D	1	12/16/11	JH	12/15/11	OP5073	GHH627

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C19437-1

CAS No.	Compound	C19374-4 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	0.0596	J	1.89	1.78	91	1.64	84	8	45-140/25
	TPH (Motor Oil)	ND		1.89	1.49	79	1.50	80	1	45-140/25

CAS No.	Surrogate Recoveries	MS	MSD	C19374-4	Limits
630-01-3	Hexacosane	88%	84%	86%	45-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C19437
Account: SGRPCAPH The Source Group
Project: T0600101592-9201 San Leandro Street, Oakland CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5078-MS	HH19700.D	1	12/20/11	JH	12/16/11	OP5078	GHH630
OP5078-MSD	HH19701.D	1	12/20/11	JH	12/16/11	OP5078	GHH630
C19437-2	HH19533.D	1	12/17/11	JH	12/16/11	OP5078	GHH627

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C19437-2, C19437-3, C19437-4, C19437-5, C19437-6, C19437-1A

CAS No.	Compound	C19437-2 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	0.508		1.92	2.01	78	2.03	79	1	45-140/25
	TPH (Motor Oil)	ND		1.92	1.63	85	1.60	83	2	45-140/25

CAS No.	Surrogate Recoveries	MS	MSD	C19437-2	Limits
630-01-3	Hexacosane	90%	88%	84%	45-140%