Precision Castparts Corp.

August 18, 2011

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**

Dear Mr. Detterman:

Please find enclosed the *First 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 June 2011 monitoring data, which were uploaded to Geotracker last month, represent groundwater conditions approximately one 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. As reported previously, that remediation effort removed approximately 1,600 pounds of hydrocarbons and 41,000 gallons of hydrocarbon-bearing groundwater (Source Group, Inc. [SGI], 2010)[1]. The recent monitoring results indicate that petroleum hydrocarbon concentrations remain stable, and the site conditions indicate that:

- The primary source (gasoline UST) has been removed and no free product has been observed in the site monitoring wells. With the excavation of associated soil during tank removal and recent DPE results and considering the low permeability soil and proximity to existing structures, the secondary source (sorbed to soil and dissolved in groundwater) has been remediated to the extent practicable.
- The extent of petroleum hydrocarbons in soil and groundwater has been adequately defined laterally and vertically.

[1] Source Group, Inc. 2010. *Investigation/Remediation (Area 4), Post Remediation Sampling and First Semi-Annual Monitoring Report*, Former Paco Pumps Site, 9201 San Leandro Street, Oakland, California. October 8.

- The dissolved hydrocarbon plume is limited to within the property boundaries and concentration trends, while accounting for fluctuations induced by recent DPE activities, are consistent with stable-to-declining trends.
- The site is located in a commercial/industrial area and no sensitive receptors have been identified within a 2,000-foot radius. Methyl-tert butyl ether (MTBE), a more mobile fuel additive, is not a significant concern at the site.
- A human health risk evaluation (SGI, 2010) concluded that potential commercial exposures via indoor air were within acceptable ranges.
- Natural attenuation and enhanced aerobic biodegradation with introduction of oxygen during recent DPE activities are expected to reduce petroleum hydrocarbon mass in the subsurface and their associated risks to human health and the environment.

Based on these findings, the site conditions do not appear to warrant further active remediation (e.g., continued DPE activities, building removal and additional excavation). Accordingly, we plan to conduct semi-annual monitoring events during the fourth quarter of 2011. If the monitoring results confirm stable-to-declining trends, we plan to request a no-further-action determination.

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 knowing violations.

Sincerely,

Dave Murray
PCC Flow Technologies, Inc.

Cc: Mr. Scott J. Kaplan, Stoel Rives LLP
Mr. Marc A. Zeppetello, Barg Coffin Lewis & Trapp, LLP
Mr. Paul Parmentier, The Source Group, Inc.

FORMER PACO PUMPS OAKLAND FACILITY
FIRST SEMI-ANNUAL 2011 GROUNDWATER MONITORING REPORT
July 6, 2011

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	ACDEH / Mr. Mark E. Detterman
Agency Case No.	R0000320
Other Agencies to Receive Copies	N/A

INTRODUCTION:

This report presents the results of the first semi-annual 2011 groundwater monitoring and sampling event, and includes a section on data interpretation and recommendations. The second quarter 2011 monitoring event was conducted as part of the ACDEH-instructed semi-annual monitoring schedule, and as a means to 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, along with the excavation and off-site disposal of soil surrounding the UST. 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 was 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 associated human health risk estimates within acceptable ranges.

The report describing well installation, DPE activities, and human health risk evaluation is pending review by the ACDEH.

GROUNDWATER MONITORING [FIRST SEMI-ANNUAL 2011]:

1. Conducted the first semi-annual 2011 groundwater monitoring and sampling event on June 8, 2011. Based on previous site data, a selected number of monitoring wells were sampled to represent site groundwater conditions. The site groundwater wells were gauged for depth to groundwater data.
2. Depth to groundwater measured in June 2011 was similar to previous measurements and ranged from approximately 6.88 to 8.91 feet below the top of well casings. Associated groundwater elevations ranged from 9.64 to 12.49 feet above Mean Sea Level. Groundwater contours are presented on Figure 3 and are similar to previous groundwater gradient maps. The horizontal hydraulic gradient was toward the west-southwest at 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 five of the nine well samples. Where reported, concentrations were generally within historic ranges with 94.2 µg/L (estimated) to 20,400 µg/L reported (Figure 4 and Table 2). Since the second quarter 2010 DPE activities and sampling event, GRO concentrations increased slightly at well MW-4, and decreased in wells MW-3, MW-6, E-7, and E-8. GRO was not reported in samples collected from wells MW-2, MW-7, MW-8 and E-2.
4. Benzene was reported in five of the nine well samples. Where reported, concentrations were generally within historic ranges with 10.2 µg/L to 2,180 µg/L reported (Figure 4 and Table 2). Since the second quarter 2010 DPE activities and sampling event, benzene concentrations increased in wells MW-3, MW-4, and MW-6, and decreased in wells E-7 and E-8. Benzene was not reported in samples collected from wells MW-2, MW-7, MW-8 and E-2.
5. Methyl tertiary-butyl ether (MTBE) was reported in three of the nine well samples (see Table 2). Where reported, concentrations ranged from 0.97 µg/L (estimated) to 4.3 µg/L, which are below State drinking water standards.
6. 1,2-Dichloroethane (1,2-DCA) was reported in four of the nine wells samples. Where reported, concentrations ranged from 0.45 µg/L (estimated) to 15.4 µg/L (estimated) (Table 2). Since the second quarter 2010 sampling event, concentrations of 1,2-DCA decreased in wells MW-6, E-2, E-7, and E-8.
7. The next semi-annual groundwater monitoring and sampling event will be conducted during the fourth quarter 2011.

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 E-2, E-7 and E-8
Depth to Groundwater (all wells had no LPH):	9.64 to 12.49 feet below top of casings
Groundwater Gradient Direction/Magnitude:	West-southwest at approximately 0.006 ft/ft.
Gradient Consistent w/Previous Quarters:	Yes
GRO Concentration Range:	ND (<50 µg/L) to **20,400** 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:	MW-3
MTBE Concentration Range:	ND (<1.0 to <25 µg/L) to **4.3** µg/L
Well with Highest MTBE Concentration:	E-7
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:	117

Disposal/Recycling Facility:	Demenno Kerdoon, Compton, CA-Pending
Summary of Unusual Activity:	None
Agency Directive Requirements:	Groundwater Monitoring

DATA INTERPRETATION AND RECOMMENDATIONS

To facilitate review and determine if additional activities are warranted, the site conditions were evaluated using low-risk groundwater criteria:

1. ***The leak has been stopped and ongoing sources, including free product, have been removed or remediated.*** As noted above, the gasoline UST, the primary source, has been removed, and associated soil was excavated. Free product has not been observed in the site groundwater monitoring wells.

   Furthermore, the DPE efforts in 2010 removed a significant hydrocarbon mass. However, the approach was costly and the dissolved petroleum compounds, particularly benzene, in groundwater were found to be in the same general range of concentrations after a 1-year rebound period as prior to the remediation. Although the 1,000-µg/L benzene contour area centered west of the former UST has decreased, the concentrations in the western area of the former UST have remained in the same range as before the DPE event. Based on the fine-grained, low permeability soil (largely clay) present beneath the site, removal of hydrocarbons from the subsurface cannot be cost effectively completed using extraction or in-situ chemical methods. Although the affected soil and groundwater areas are shallow, access to the contaminated area is limited by the presence of the buildings and any approach to excavation of all the soil-containing hydrocarbons is thus very limited. These findings indicate that the source area has been remediated to the extent practicable.

2. ***The site has been adequately characterized.*** The previous investigation and monitoring data indicated the presence of dissolved and adsorbed petroleum contamination in fine-grained soil and shallow groundwater. The groundwater wells west (downgradient) of the former UST (E-2, E-7 and E-8) that were recently added to the monitoring network report benzene concentrations (up to 178 µg/L first semi-annual 2011) that exhibit declining trends and are much lower than in the plume core area near the former UST, indicating a rapid lateral decrease in concentrations.

   In response to DPE activities, hydrocarbon concentrations increased in downgradient extraction wells, possibly as a response to mass withdrawal or mobilization during extraction. The declining trends in the downgradient wells are consistent with reequilibration of the hydrocarbon plume near the UST area following DPE activities.

   During a 2008 investigation, location GP-8, near the western property boundary, reported no detectable hydrocarbon concentrations in soil and grab groundwater. This finding marks the western extent of the dissolved petroleum hydrocarbons, and together with monitoring data for wells MW-1, MW-2, MW-5, MW-7 and E-2 documents the limited lateral migration of the dissolved hydrocarbons.

3. ***The dissolved hydrocarbon plume is not migrating.*** Ongoing groundwater monitoring suggests stable to declining hydrocarbon concentrations. The plume does not appear to extend offsite.

4. ***No water wells, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted.*** As noted above, the dissolved hydrocarbon plume is stable. Monitoring results for the site wells that screen a deeper water-bearing zone, including those located in the source area, typically do not report the presence of petroleum hydrocarbons, suggesting the limited vertical extent of hydrocarbons.

5. ***The site presents no significant risk to human health.*** The site is a commercial property located in an industrial area. A review of the benzene concentrations in subsurface and potential exposures via indoor air inhalation indicated associated human health risk estimates within acceptable ranges, as reported previously. Natural attenuation is expected to further limit the potential human health risks associated with petroleum hydrocarbons in the subsurface.

6. ***The site presents no significant risk to the environment.*** As described above, the hydrocarbon plume is stable to declining, limited to within the property boundary, and no sensitive receptors have been identified in the site vicinity. Natural attenuation is expected to further limit the potential risk to the environment associated with petroleum hydrocarbons in the subsurface.

Based on this evaluation, the recommended semi-annual groundwater monitoring and reporting is sufficient to confirm stable to declining concentration trends. Future groundwater monitoring data will be used to further support a monitored natural attenuation approach, and a subsequent no-further-action determination based on low-risk groundwater criteria. If hydrocarbon concentrations suggest that further active remediation should be evaluated, the network of monitoring and extraction wells is in-place to provide supplemental monitoring and/or remediation coverage.

REVIEWED BY: Paul Parmentier PG 3915 DATE: 6.24-2011

Paul Parmentier, CHG

REGISTERED GEOLOGIST
Paul Parmentier
No. 3915
STATE OF CALIFORNIA

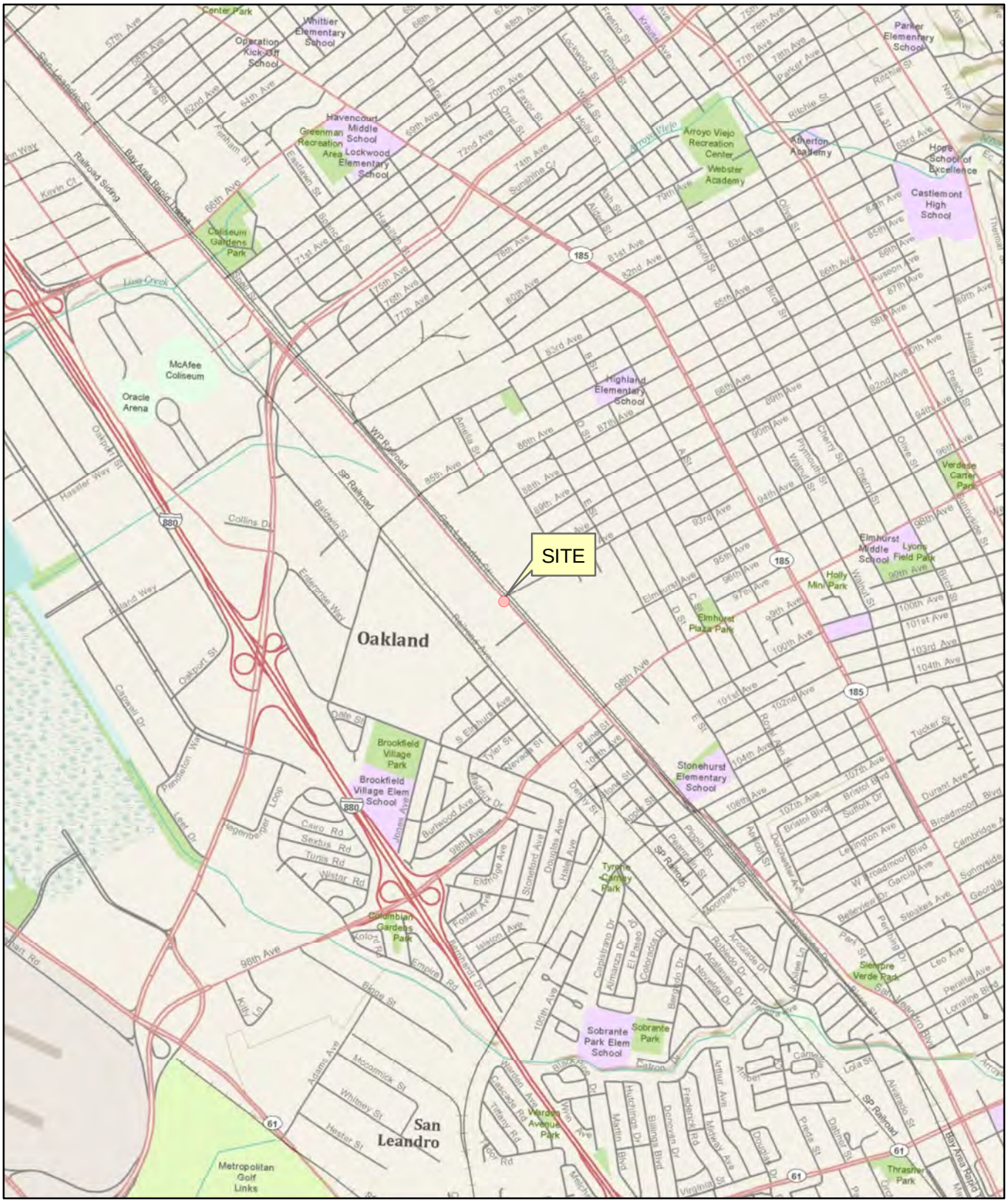
ATTACHMENTS:

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

DISTRIBUTION:

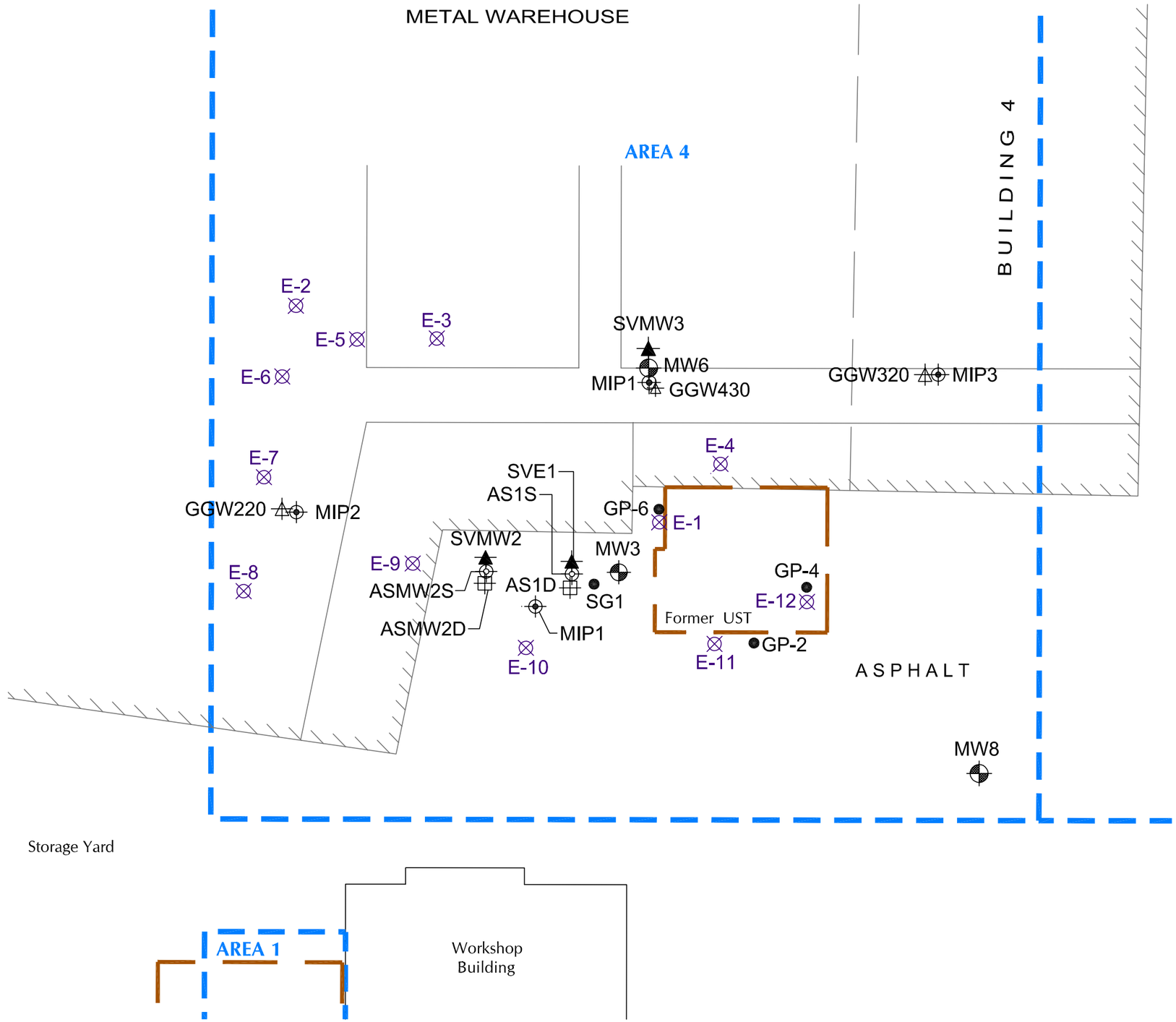
- Mr. Dave Murray, PCC Flow Technologies
- Mr. Vignoles, Site Owner

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.: 04-PFT-001	DATE: 10/14/2009	DR.BY: AC	APP.BY: 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**



LEGEND

- Site Boundary
- Project areas of concern
- Groundwater contours November 6, 2009.
- AS1D — Deep groundwater air injection or air injection monitoring well by LFR January 2009
- AS1S — Shallow groundwater air injection or air injection monitoring well LFR January 2009
- SVMW3 — Vadose well by LFR January 2009
- MW6 — Groundwater monitoring well
- MIP3 — Membrane interface probe by LFR January 2009
- GGW320 — Grab groundwater sample location by LFR January 2009
- E-3 — Recently Installed groudnwater extraction well
- Area of 2009 excavation

0 20 40

APPROXIMATE SCALE IN FEET

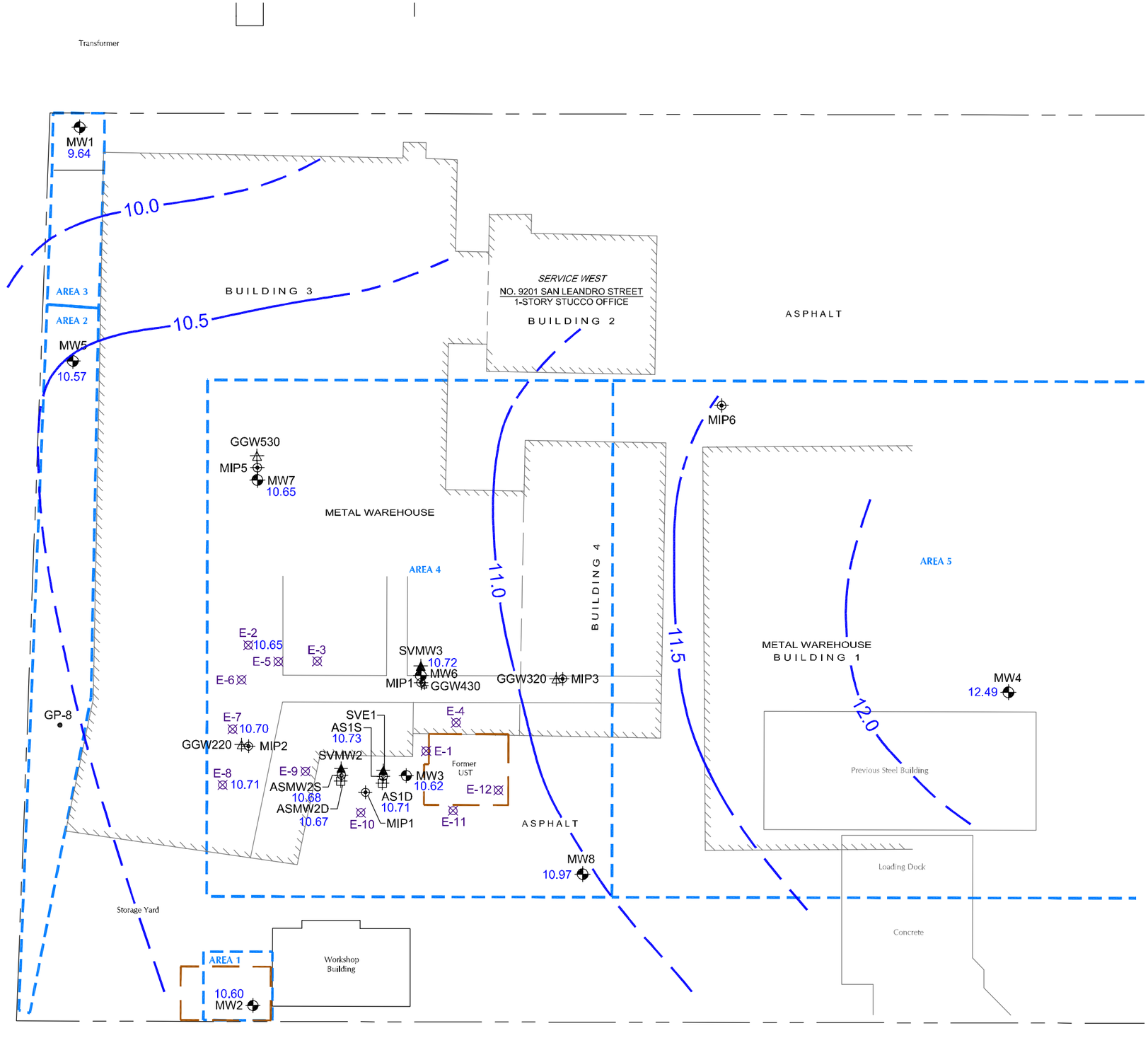
DATE:	FILE NAME:	SOURCE:
01/2011	PCC-BCSG.DWG	LFR, MAY 2009

AREA 4 SITE PLAN WITH WELL LOCATIONS

9201 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

SGI environmental — THE SOURCE GROUP, INC.

FIGURE 2



LEGEND

- Site Boundary
- Project areas of concern
- Groundwater contours June 8, 2011.
- AS1D — Deep groundwater air injection or air injection monitoring well by LFR January 2009
- AS1S — Shallow groundwater air injection or air injection monitoring well LFR January 2009
- SVMW3 — Vadose well by LFR January 2009
- MW6 — Groundwater monitoring well
- MIP3 — Membrane interface probe by LFR January 2009
- GGW320 — Grab groundwater sample location by LFR January 2009
- Area of excavation
- 12.49 — Groundwater elevation measured June 8, 2011
- NM — Not Measured
- * — Groundwater elevation in deeper well not used in contour

0 40 80

APPROXIMATE SCALE IN FEET

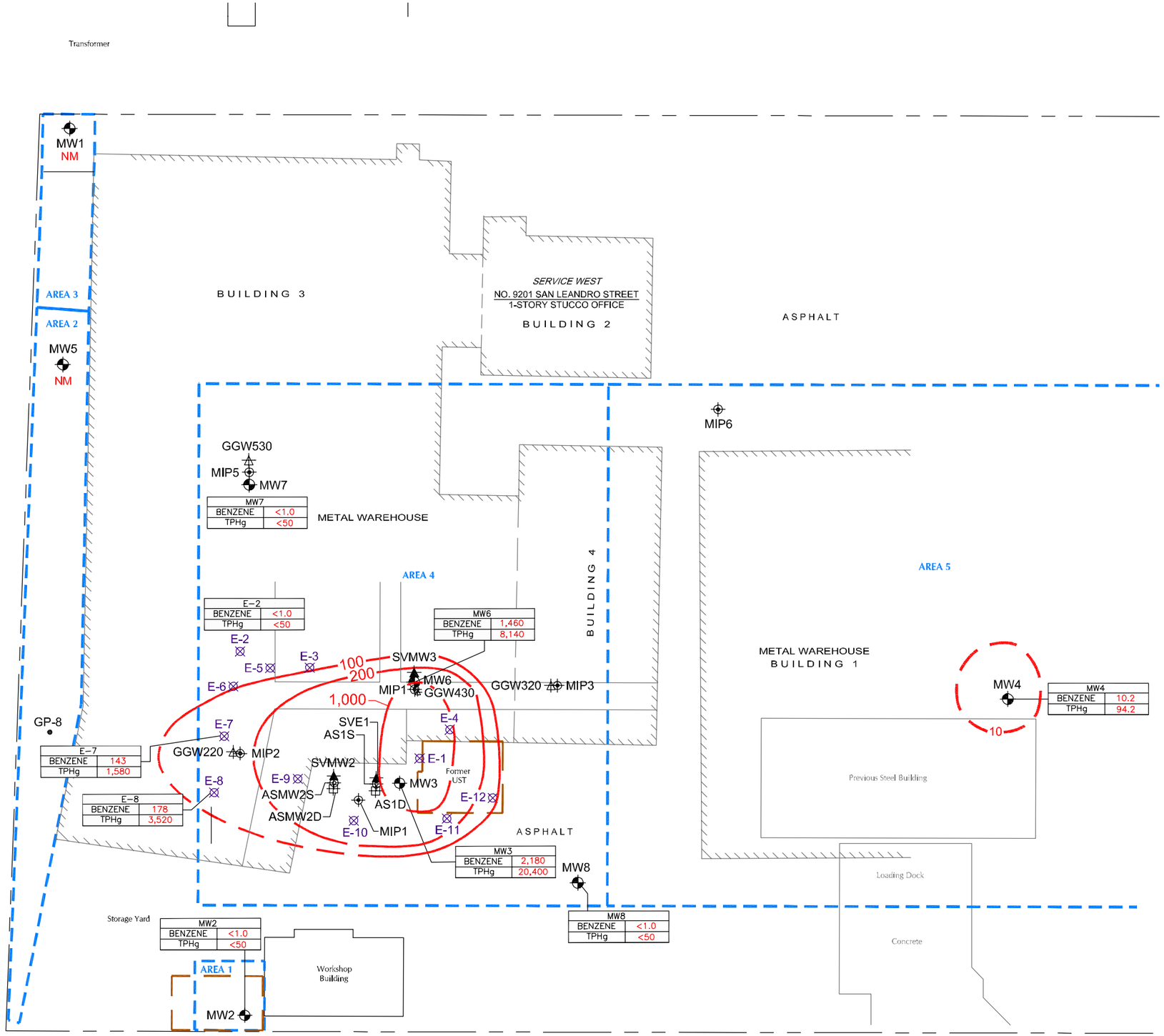
DATE:	FILE NAME:	SOURCE:
06/2011	PCC-Q2-11.DWG	LFR, MAY 2009

GROUNDWATER GRADIENT MAP JUNE 2011

9201 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

SGI environmental — THE SOURCE GROUP, INC.

FIGURE 3



LEGEND

	Site Boundary
	Project areas of concern
AS1D	Deep groundwater air injection or air injection monitoring well by LFR January 2009
AS1S	Shallow groundwater air injection or air injection monitoring well LFR January 2009
SVMW3	Vadose well by LFR January 2009
MW6	Groundwater monitoring well
MIP3	Membrane interface probe by LFR January 2009
GGW320	Grab groundwater sample location by LFR January 2009
GP-8	Sampling Location, 2008
	Area of excavation
B	Benzene
TPHg	Total Petroleum Hydrocarbons Gasoline Range
	All concentrations reported in (µg/L)
100	Benzene Contours (µg/L)
	*Data for deep wells not included in contours
NM	Not Measured
µg/L	Micrograms per liter

0 40 80

APPROXIMATE SCALE IN FEET

DATE:	FILE NAME:	SOURCE:
06/2011	PCC-Q2-11.DWG	LFR, MAY 2009

GROUNDWATER CONCENTRATIONS BENZENE AND TOTAL PETROLEUM HYDROCARBONS JUNE 2011

9201 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

SGI environmental THE SOURCE GROUP, INC.

FIGURE 4

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
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
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

Table 1
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9201 San Leandro Street
Oakland, California

Well Identification	Date Collected	Top-of-Casing Elevation [1]	Depth to Groundwater [2]	Groundwater Elevation [1]
	22-Nov-94		8.92	10.78
	8-Feb-95		8.90	10.80
	31-May-95		10.16	9.54
MW-3	8-Aug-95		9.92	9.78
(continued)	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
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
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

Table 1
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Paco Pump
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Oakland, California

Well Identification	Date Collected	Top-of-Casing Elevation [1]	Depth to Groundwater [2]	Groundwater Elevation [1]
	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
MW-5	6-Nov-09		9.93	8.28
(continued)	28-Jun-10		8.42	9.79
	30-Dec-10		6.68	11.53
	8-Jun-11		7.64	10.57
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
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
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
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
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
	30-Dec-10		7.73	11.65
	8-Jun-11		8.70	10.68
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
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

Table 1
Current and Historical Groundwater Elevations
Paco Pump
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Oakland, California

Well Identification	Date Collected	Top-of-Casing Elevation [1]	Depth to Groundwater [2]	Groundwater Elevation [1]
E-2	16-Jun-10	19.56		
	30-Jun-10			
	30-Dec-10		7.95	11.61
	8-Jun-11		8.91	10.65
E-7	16-Jun-10	19.59		
	30-Jun-10			
	30-Dec-10		7.95	11.64
	8-Jun-11		8.89	10.70
E-8	30-Dec-10	19.59	7.96	11.63
	8-Jun-11		8.88	10.71

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
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
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
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
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)
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
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)

Table 2
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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-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
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
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
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	
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)
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)
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)
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)
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
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
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

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
	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
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
Bold Font denotes concentration was greater than the ESL .
J = Estimated value above method detection limit but below laboratory reporting limit.

GROUNDWATER MONITORING PROCEDURES

AND

FIELD DATA SHEETS

WELL GAUGING DATA

Project # 110608 -501 Date 6-8-11 Client The Source group

Site 9201 San Leandro St Oakland CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or (TOC)	Notes
MW-1	0930	4					8.12	19.98		
MW-2	0901	4					8.52	20.22		
MW-3	0943	4					8.80	20.00		
MW-4	0940	4					6.99	19.93		
MW-5	0927	4					7.64	20.08		
MW-6	0845	2					8.74	16.32		
MW-7	0916	2					8.79	27.13		
MW-8	0937	4					7.30	18.10		
E-1	0924	2					8.24	18.10		
E-2	0900	2					8.98	18.24		
E-3	0851	2					8.84	18.78		
E-4	0921	2					8.76	18.19		
E-5	0855	2					8.85	18.07		
E-6	0904	2					8.74	18.13		
E-7	0908	2					8.89	18.14		
E-8	0911	2					8.98	18.02		
E-9	0945	2					8.75	18.05		

WELL GAUGING DATA

Project # 110608-301 Date 6-8-11 Client the source group

Site 9201 San Leandro St Oakland CA.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
E-10	0907	2					8.60	18.10		
E-11	0930	2					8.40	18.05		
E-12	0934	2					8.05	17.90		
AS-1S	0920	2					8.65	16.60		
AS-1D	0917	2					8.60	32.88		
ASMW2S	0913	2					8.70	16.90		
ASMW2D	0910	2					8.85	33.80		

WELLHEAD INSPECTION CHECKLIST

Date 6-8-11 Client the Source group

Site Address 9201 San Leandro St Oakland CA

Job Number 110608-101 Technician JD/BP

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1								
MW-2							X	
MW-3							X	
MW-4							X	
MW-5								
MW-6	X							
MW-7	X							
MW-8							X	
E-1	X							
E-2	X							
E-3	X							
E-4	X							
E-5	X							
E-6	X							
E-7	X							
E-8	X							

NOTES: MW-3 NO lid, MW-4 Diamond lid, MW-2 2(2 BOLTS MISSING, MW-8 1/2 Bolts Broken

WELLHEAD INSPECTION CHECKLIST

Date 6-9-11 Client The Source group

Site Address 9201 San Leandro St Oakland CA

Job Number 110609-101 Technician SO / BP

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
E-9	X							
E-10	X							
E-11	X							
E-12	X							
AS-1S	X							
AS-1D	X							
ASMW2S	X							
ASMW2D	X							

NOTES:

WELL MONITORING DATA SHEET

Project #: 110608-301	Client: The Sauce Group
Sampler: SD IBP	Date: 6-8-11
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 20.22	Depth to Water (DTW): 8.52
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.86	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, (Electric Submersible), Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: Bailer, (Disposable Bailer), Extraction Port, Dedicated Tubing, Other: _____

7.6 (Gals.) X	3	= 22.8 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1007	18.8	7.27	1162	625	7.6	
1008	18.3	7.12	1220	631	15.2	
1010	18.3	7.10	1202	630	22.8	

Did well dewater? Yes (No) Gallons actually evacuated: 22.8

Sampling Date: 6-8-11 Sampling Time: 1015 Depth to Water: 9.36

Sample I.D.: MW-2 Laboratory: Kiff CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	(Pre-purge):	1.52 mg/L	(Post-purge):	1.36 mg/L	
O.R.P. (if req'd):	(Pre-purge):	180 mV	(Post-purge):	181 mV	

WELL MONITORING DATA SHEET

Project #: 110608-301	Client: The Sauce group
Sampler: SD IBP	Date: 6-8-11
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 20.00	Depth to Water (DTW): ~~18.80~~ 8.80
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.04	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

7.3 (Gals.) X	3	=	21.9 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1057	18.3	6.75	1054	274	7.3	odor
1058	18.3	6.74	1060	298	14.6	" "
1100	18.4	6.71	1063	271	21.9	" "

Did well dewater? Yes No Gallons actually evacuated: 21.9

Sampling Date: 6-8-11 Sampling Time: 1105 Depth to Water:

Sample I.D.: MW-3 Laboratory: Kiff CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	0.95 mg/L	Post-purge:	0.76 mg/L	
O.R.P. (if req'd):	Pre-purge:	~~31~~ -31 mV	Post-purge:	-29 mV	

WELL MONITORING DATA SHEET

Project #: 110608-101	Client: The Sause group
Sampler: SO IBP	Date: 6-8-11
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.93	Depth to Water (DTW): 6.88
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.49	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

8.4 (Gals.) X	3	=	25.2 Gals.	
1 Case Volume	Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1039	17.2	7.36	893	300	8.4	
1040	17.3	7.21	906	296	16.8	
1042	17.2	7.20	910	212	25.2	

Did well dewater? Yes (No) Gallons actually evacuated: 25.2

Sampling Date: 6-8-11 Sampling Time: 1050 Depth to Water: 7.00

Sample I.D.: MW-4 Laboratory: Kiff CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	(Pre-purge):	1.82 mg/L	(Post-purge):	1.36 mg/L	
O.R.P. (if req'd):	(Pre-purge):	141 mV	(Post-purge):	150 mV	

WELL MONITORING DATA SHEET

Project #: 110608-301	Client: The Source Group
Sampler: SD IBP	Date: 6-8-11
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 16.32	Depth to Water (DTW): 8.74
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.25	

Purge Method: Bailer; ~~Disposable Bailer~~; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

1.2 (Gals.) X 3 = 3.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1120	17.9	6.79	1152	>1000	1.2	Odor
1123	17.6	6.78	1167	>1000	2.4	
1126	17.8	6.77	1168	>1000	3.6	

Did well dewater? Yes (No) Gallons actually evacuated: 3.6

Sampling Date: 6-8-11 Sampling Time: 1130 Depth to Water: 8.81

Sample I.D.: MW-6 Laboratory: Kiff CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	(Pre-purge):	1.34 mg/L	(Post-purge):	1.00 mg/L	
O.R.P. (if req'd):	(Pre-purge):	-23 mV	(Post-purge):	-21 mV	

WELL MONITORING DATA SHEET

Project #: 110608-301	Client: The Sause Group
Sampler: SD IBP	Date: 6-8-11
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 27.13	Depth to Water (DTW): 8.79
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.45	

Purge Method: Bailer, (Disposable Bailer), ~~Positive Air Displacement~~, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: Bailer, (Disposable Bailer), Extraction Port, Dedicated Tubing, Other: _____

2.9 (Gals.) X 3 = 8.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1117	20.0	6.98	1185	>1000	2.9	
1123	19.4	6.93	1032	>1000	5.8	
1129	19.4	6.94	1017	>1000	8.7	

Did well dewater? Yes (No) Gallons actually evacuated: 8.7

Sampling Date: 6-8-11 Sampling Time: 1135 Depth to Water: 8.92

Sample I.D.: MW-7 Laboratory: Kiff CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	(Pre-purge):	0.17 mg/L	(Post-purge):	0.38 mg/L	
O.R.P. (if req'd):	(Pre-purge):	23 mV	(Post-purge):	75 mV	

WELL MONITORING DATA SHEET

Project #: 110608-301	Client: The Sause Group
Sampler: SD IBP	Date: 6-8-11
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 18.10	Depth to Water (DTW): 7.30
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.46	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

7.0 (Gals.) X	3	=	21 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1023	17.9	7.06	826	>1000	7.0	
1024	17.6	7.04	830	>1000	14.0	
1026	17.7	7.01	834	>1000	21.0	

Did well dewater? Yes (No) Gallons actually evacuated: 21.0

Sampling Date: 6-8-11 Sampling Time: 1030 Depth to Water: 8.15

Sample I.D.: MW-8 Laboratory: Kiff CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	(Pre-purge):	3.24	mg/L	(Post-purge):	1.46 mg/L
O.R.P. (if req'd):	(Pre-purge):	164	mV	(Post-purge):	160 mV

WELL MONITORING DATA SHEET

Project #: 110608-301	Client: The Source Group
Sampler: SD IBP	Date: 6-8-11
Well I.D.: E-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 18.24	Depth to Water (DTW): 8.91
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.77	

Purge Method: Bailer; ~~Disposable Bailer~~; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

1.5 (Gals.) X 3 = 4.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1056	19.9	6.81	1405	>1000	1.5	
1059	19.5	6.83	1408	>1000	3.0	
1103	19.1	6.82	1422	>1000	4.5	

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 6-8-11 Sampling Time: 1110 Depth to Water: 10.02

Sample I.D.: E-2 Laboratory: Kiff CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	0.36 mg/L	Post-purge:	0.16 mg/L
O.R.P. (if req'd):	Pre-purge:	-38 mV	Post-purge:	-22 mV

WELL MONITORING DATA SHEET

Project #: 110608-301	Client: The Sause group
Sampler: SD IBP	Date: 6-8-11
Well I.D.: E-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 18.14	Depth to Water (DTW): 8.89
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.74	

Purge Method: Bailer, (Disposable Bailer), Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: Bailer, (Disposable Bailer), Extraction Port, Dedicated Tubing, Other: _____

wc: 9.25

1.5 (Gals.) X 3 = 4.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1010	21.1	7.16	2150	243	1.5	
1013	19.1	6.79	1428	207	3.0	
1016	18.5	6.77	1379	219	4.5	

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 6-8-11 Sampling Time: 1025 Depth to Water: 10.21

Sample I.D.: E-7 Laboratory: Kiff CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	(Pre-purge):	0.10 mg/L	(Post-purge):	0.09 mg/L
O.R.P. (if req'd):	(Pre-purge):	-26 mV	(Post-purge):	-66 mV

WELL MONITORING DATA SHEET

Project #: 110608-301	Client: The Sause group
Sampler: SD IBP	Date: 6-8-11
Well I.D.: E-8	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 18.02	Depth to Water (DTW): 8.88
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.70	

Purge Method: Bailer; (Disposable Bailer); Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

1.5 (Gals.) X 3 = 4.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1036	20.2	6.95	1266	>1000	1.5	
1039	19.1	6.91	1288	802	3.0	
1042	18.7	6.95	1277	794	4.5	

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 6-8-11 Sampling Time: 1045 Depth to Water: 10.55

Sample I.D.: E-8 Laboratory: Kiff CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	(Pre-purge):	0.20 mg/L	(Post-purge):	0.09 mg/L
O.R.P. (if req'd):	(Pre-purge):	-69 mV	(Post-purge):	-84 mV

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME ~~the~~ Source group Paco pumps				PROJECT NUMBER 110608-SO			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
myron L ultrameter II	622284	6-8-11 0900	7, 10, 4 3900us ORP	7.0, 10.01, 4.01 3886us 242mV	yes	16°C	SO
YSI 550 DO meter	06E1424 AS	6-8-11 0900	100%	99%	yes	N/A	SO

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME SGI Paco Pumps Oakland				PROJECT NUMBER 110608-J01			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 550	03A03 90AB	6/8/11 @ 0630	DO 10.00 mg/L	9.87 mg/L	yes	67.1°	BP
Myron L Ultrameter	6207755	6/8/11 @0635	pH 7.00 10.00 4.00	pH 6.99 10.01 3.91	yes	20.6°C	BP
			ORP 237.5 @ 20°C	ORP 238 @ 20.8°C	yes	20.8	BP
			cond 3900us	cond 3897 us	yes	20.9	BP

SPH or Purge Water Drum Log

Client: SGI

Site Address: 9201 San Leandro Ave Oakland, CA

STATUS OF DRUM(S) UPON ARRIVAL

Date	11-6-09	6-28-10	12/30/10	6-8-11		
Number of drum(s) empty:	2	10				
Number of drum(s) 1/4 full:			1 (Non BTS)			
Number of drum(s) 1/2 full:						
Number of drum(s) 3/4 full:						
Number of drum(s) full:		10		8		
Total drum(s) on site:	2		1	8		
Are the drum(s) properly labeled?	NO	NO	NO	NO		
Drum ID & Contents:			Purge H_2O	Purge H_2O		
If any drum(s) are partially or totally filled, what is the first use date:		NA	NA	NA		

- If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purgewater or DI Water.

-If drum contains SPH, the drum MUST be steel AND labeled with the appropriate label.

-All BTS drums MUST be labeled appropriately.

STATUS OF DRUM(S) UPON DEPARTURE

Date	11-6-09	6-28-10	12/30/10	6-8-11		
Number of drums empty:	2	7				
Number of drum(s) 1/4 full:	1		1 (Non BTS)			
Number of drum(s) 1/2 full:						
Number of drum(s) 3/4 full:						
Number of drum(s) full:	2	13	4	10		
Total drum(s) on site:	5		5	10		
Are the drum(s) properly labeled?	yes	BTS yes	BTS yes	BTS yes		
Drum ID & Contents:	Purge H_2O	purge H_2O	Purge H_2O	Purge H_2O		

LOCATION OF DRUM(S)

Describe location of drum(s): Next to Building In alleyway. → ~~6-28-10 In Storage area next to well AS-15~~

FINAL STATUS

Number of new drum(s) left on site this event	3	0	4	2		
Date of inspection:	11-6-09	6-28-10	12/30/10	6-8-11		
Drum(s) labelled properly:	yes	yes	yes	yes		
Logged by BTS Field Tech:	SD	JD	SD	SD		
Office reviewed by:				MRJ		

GROUNDWATER SAMPLING LABORATORY REPORT

AND

CHAIN OF CUSTODY

Northern California ACCUTEST LABORATORIES

06/21/11

Technical Report for

The Source Group

T0600101592-9201 San Leandro Street, Oakland CA

PACO PUMPS (PO#:04-PFT-001)

Accutest Job Number: C16434

Sampling Date: 06/08/11

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: **26**

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.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Diane Theesen 408-588-0200

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

Test results relate only to samples analyzed.

Sections: 1 2 3 4

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Sample Summary

The Source Group

Job No: C16434

T0600101592-9201 San Leandro Street, Oakland CA
Project No: PACO PUMPS (PO#:04-PFT-001)

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C16434-1	06/08/11	10:15	BTS	06/08/11	AQ	Ground Water	MW-2
C16434-2	06/08/11	11:05	BTS	06/08/11	AQ	Ground Water	MW-3
C16434-3	06/08/11	10:50	BTS	06/08/11	AQ	Ground Water	MW-4
C16434-4	06/08/11	11:30	BTS	06/08/11	AQ	Ground Water	MW-6
C16434-5	06/08/11	11:35	BTS	06/08/11	AQ	Ground Water	MW-7
C16434-6	06/08/11	10:30	BTS	06/08/11	AQ	Ground Water	MW-8
C16434-7	06/08/11	11:10	BTS	06/08/11	AQ	Ground Water	E-2
C16434-8	06/08/11	10:25	BTS	06/08/11	AQ	Ground Water	E-7
C16434-9	06/08/11	10:45	BTS	06/08/11	AQ	Ground Water	E-8
C16434-10	06/08/11	09:40	BTS	06/08/11	AQ	Trip Blank Water	TB-1

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	C16434-1	**Date Sampled:**	06/08/11
Matrix:	AQ - Ground Water	**Date Received:**	06/08/11
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	N22803.D	1	06/15/11	TF	n/a	n/a	VN762
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	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	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	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	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	102%		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:	MW-3		
Lab Sample ID:	C16434-2	**Date Sampled:**	06/08/11
Matrix:	AQ - Ground Water	**Date Received:**	06/08/11
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	N22805.D	25	06/15/11	TF	n/a	n/a	VN762
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2180	25	7.5	ug/l	
108-88-3	Toluene	2040	25	13	ug/l	
100-41-4	Ethylbenzene	273	25	7.5	ug/l	
1330-20-7	Xylene (total)	765	50	18	ug/l	
106-93-4	1,2-Dibromoethane	ND	25	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	25	7.5	ug/l	
108-20-3	Di-Isopropyl ether	ND	130	13	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	130	13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	25	13	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	130	13	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	250	130	ug/l	
	TPH-GRO (C6-C10)	20400	1300	630	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	102%		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:	MW-4		
Lab Sample ID:	C16434-3	**Date Sampled:**	06/08/11
Matrix:	AQ - Ground Water	**Date Received:**	06/08/11
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	N22807.D	1	06/15/11	TF	n/a	n/a	VN762
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	10.2	1.0	0.30	ug/l	
108-88-3	Toluene	0.59	1.0	0.50	ug/l	J
100-41-4	Ethylbenzene	3.4	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	1.6	2.0	0.70	ug/l	J
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	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	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	
	TPH-GRO (C6-C10)	94.2	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	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:	MW-6		
Lab Sample ID:	C16434-4	**Date Sampled:**	06/08/11
Matrix:	AQ - Ground Water	**Date Received:**	06/08/11
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	N22809.D	20	06/15/11	TF	n/a	n/a	VN762
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1460	20	6.0	ug/l	
108-88-3	Toluene	377	20	10	ug/l	
100-41-4	Ethylbenzene	206	20	6.0	ug/l	
1330-20-7	Xylene (total)	515	40	14	ug/l	
106-93-4	1,2-Dibromoethane	ND	20	4.0	ug/l	
107-06-2	1,2-Dichloroethane	15.4	20	6.0	ug/l	J
108-20-3	Di-Isopropyl ether	ND	100	10	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	10	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	100	10	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	200	100	ug/l	
	TPH-GRO (C6-C10)	8140	1000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	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:	MW-7		
Lab Sample ID:	C16434-5	**Date Sampled:**	06/08/11
Matrix:	AQ - Ground Water	**Date Received:**	06/08/11
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	N22810.D	1	06/15/11	TF	n/a	n/a	VN762
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	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	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.97	1.0	0.50	ug/l	J
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	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	99%		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:	MW-8		
Lab Sample ID:	C16434-6	**Date Sampled:**	06/08/11
Matrix:	AQ - Ground Water	**Date Received:**	06/08/11
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	N22811.D	1	06/15/11	TF	n/a	n/a	VN762
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	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	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	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	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	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-2		
Lab Sample ID:	C16434-7	**Date Sampled:**	06/08/11
Matrix:	AQ - Ground Water	**Date Received:**	06/08/11
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	N22812.D	1	06/15/11	TF	n/a	n/a	VN762
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	0.45	1.0	0.30	ug/l	J
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.7	1.0	0.50	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	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	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:	C16434-8	**Date Sampled:**	06/08/11
Matrix:	AQ - Ground Water	**Date Received:**	06/08/11
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	N22839.D	2	06/16/11	TF	n/a	n/a	VN763
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	143	2.0	0.60	ug/l	
108-88-3	Toluene	17.4	2.0	1.0	ug/l	
100-41-4	Ethylbenzene	26.9	2.0	0.60	ug/l	
1330-20-7	Xylene (total)	21.7	4.0	1.4	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.40	ug/l	
107-06-2	1,2-Dichloroethane	2.2	2.0	0.60	ug/l	
108-20-3	Di-Isopropyl ether	ND	10	1.0	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	10	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4.3	2.0	1.0	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	
	TPH-GRO (C6-C10)	1580	100	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	98%		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:	C16434-9	**Date Sampled:**	06/08/11
Matrix:	AQ - Ground Water	**Date Received:**	06/08/11
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	N22840.D	5	06/16/11	TF	n/a	n/a	VN763
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	178	5.0	1.5	ug/l	
108-88-3	Toluene	9.6	5.0	2.5	ug/l	
100-41-4	Ethylbenzene	55.7	5.0	1.5	ug/l	
1330-20-7	Xylene (total)	49.5	10	3.5	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	2.7	5.0	1.5	ug/l	J
108-20-3	Di-Isopropyl ether	ND	25	2.5	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	25	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.5	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	
	TPH-GRO (C6-C10)	3520	250	130	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	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:	TB-1		
Lab Sample ID:	C16434-10	**Date Sampled:**	06/08/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	06/08/11
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	N22815.D	1	06/15/11	TF	n/a	n/a	VN762
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

BTEX, Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	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	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	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	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	99%		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

SGRPCAPH 2805

BLAINE
TECH SERVICES, INC.
1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY
BTS # 110608-JS1

CLIENT: The Source Group
SITE: Paco Pumps
9201 San Leandro St.
Oakland, CA

CONDUCT ANALYSIS TO DETECT

LAB: ACCUTEST | DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER

C16434

SPECIAL INSTRUCTIONS

Invoice and Report to : The Source Group
Attn: Paul Parmentier pparmentier@thesourcegroup.net
(562)597-1055 ext106
PO #: 04-PFT-001

SAMPLE I.D.	DATE	TIME	MATRIX (S= SOIL W=H2O)	CONTAINERS TOTAL	CONTAINERS	C = COMPOSITE ALL CONTAINERS	TPH-g (8260B)	BTEX (8260B)	Oxygenates (8260B)	1,2-DCA, EDB (8260B)				ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-2	6-8-11	1015	W	3	VOAs		X	X	X	X				3-Vials (w/HCL)			-1
MW-3	↓	1105	↓	↓	↓		X	X	X	X				↓			-2
MW-4		1050					X	X	X	X							-3
MW-6		1130					X	X	X	X							-4
MW-7		1135					X	X	X	X							-5
MW-8		1030					X	X	X	X							-6
E-2		1110					X	X	X	X							-7
E-7		1025					X	X	X	X							-8
E-8		1045					X	X	X	X							-9
TB-1	6-8-11	0940	W	2	VOAs		X	X	X	X				2-Vials (w/HCL)			-10

SAMPLING COMPLETED: DATE 6-8-11 | TIME 1200 | SAMPLING PERFORMED BY J.Ortiz

RESULTS NEEDED NO LATER THAN: Standard TAT

	DATE	TIME		DATE	TIME
RELEASED BY [signature]	6-8-11	1537	RECEIVED BY [signature]	6.8.11	1537
RELEASED BY			RECEIVED BY		
RELEASED BY			RECEIVED BY		

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	
			1	2.3-0.5=1.8°C

C16434: Chain of Custody
Page 1 of 2

Accutest Laboratories Northern California Sample Receiving Check List Job# : C16434 Initial: JM

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 Walk In
- 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** Yes / No
  - **List sample ID and affected container**

Client Sample ID	pH Check	Other Comments/Issues

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

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C16434: Chain of Custody

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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: C16434
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
VN762-MB	N22797.D	1	06/15/11	TF	n/a	n/a	VN762

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

C16434-1, C16434-2, C16434-3, C16434-4, C16434-5, C16434-6, C16434-7, C16434-10

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	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	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	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	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	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	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	101%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Method Blank Summary

Job Number: C16434
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
VN763-MB	N22835.D	1	06/16/11	TF	n/a	n/a	VN763

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

C16434-8, C16434-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.30	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	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	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	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	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	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	60-130%
2037-26-5	Toluene-D8	99%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Blank Spike Summary

Job Number: C16434
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
VN762-BS1	N22800.D	1	06/15/11	TF	n/a	n/a	VN762

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

C16434-1, C16434-2, C16434-3, C16434-4, C16434-5, C16434-6, C16434-7, C16434-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	124	99	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	60-130%
2037-26-5	Toluene-D8	101%	60-130%
460-00-4	4-Bromofluorobenzene	101%	60-130%

Blank Spike Summary

Job Number: C16434
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
VN763-BS1	N22838.D	1	06/16/11	TF	n/a	n/a	VN763

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

C16434-8, C16434-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	125	100	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	94%	60-130%
2037-26-5	Toluene-D8	101%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C16434
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
VN762-BS	N22798.D	1	06/15/11	TF	n/a	n/a	VN762
VN762-BSD	N22799.D	1	06/15/11	TF	n/a	n/a	VN762

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

C16434-1, C16434-2, C16434-3, C16434-4, C16434-5, C16434-6, C16434-7, C16434-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	20.9	105	21.9	110	5	60-130/30
106-93-4	1,2-Dibromoethane	20	21.2	106	22.0	110	4	60-130/30
107-06-2	1,2-Dichloroethane	20	21.7	109	21.7	109	0	60-130/30
108-20-3	Di-Isopropyl ether	20	22.2	111	23.0	115	4	60-130/30
100-41-4	Ethylbenzene	20	20.0	100	21.5	108	7	60-130/30
637-92-3	Ethyl Tert Butyl Ether	20	21.1	106	21.8	109	3	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	21.9	110	22.1	111	1	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	21.7	109	22.1	111	2	60-130/30
75-65-0	Tert-Butyl Alcohol	100	108	108	101	101	7	60-130/30
108-88-3	Toluene	20	19.9	100	21.5	108	8	60-130/30
1330-20-7	Xylene (total)	60	60.7	101	65.3	109	7	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	100%	98%	60-130%
2037-26-5	Toluene-D8	97%	100%	60-130%
460-00-4	4-Bromofluorobenzene	102%	102%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C16434
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
VN763-BS	N22836.D	1	06/16/11	TF	n/a	n/a	VN763
VN763-BSD	N22837.D	1	06/16/11	TF	n/a	n/a	VN763

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

C16434-8, C16434-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	22.6	113	20.8	104	8	60-130/30
106-93-4	1,2-Dibromoethane	20	22.6	113	20.7	104	9	60-130/30
107-06-2	1,2-Dichloroethane	20	22.6	113	20.3	102	11	60-130/30
108-20-3	Di-Isopropyl ether	20	23.2	116	21.4	107	8	60-130/30
100-41-4	Ethylbenzene	20	22.2	111	20.6	103	7	60-130/30
637-92-3	Ethyl Tert Butyl Ether	20	22.4	112	20.2	101	10	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	22.8	114	20.7	104	10	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	22.6	113	20.6	103	9	60-130/30
75-65-0	Tert-Butyl Alcohol	100	103	103	90.0	90	13	60-130/30
108-88-3	Toluene	20	22.2	111	20.9	105	6	60-130/30
1330-20-7	Xylene (total)	60	68.2	114	63.4	106	7	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	98%	96%	60-130%
2037-26-5	Toluene-D8	100%	99%	60-130%
460-00-4	4-Bromofluorobenzene	103%	102%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C16434
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
C16434-6MS	N22816.D	1	06/15/11	TF	n/a	n/a	VN762
C16434-6MSD	N22817.D	1	06/15/11	TF	n/a	n/a	VN762
C16434-6	N22811.D	1	06/15/11	TF	n/a	n/a	VN762

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

C16434-1, C16434-2, C16434-3, C16434-4, C16434-5, C16434-6, C16434-7, C16434-10

CAS No.	Compound	C16434-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	19.8	99	21.2	106	7	60-130/25
106-93-4	1,2-Dibromoethane	ND		20	19.5	98	20.8	104	6	60-130/25
107-06-2	1,2-Dichloroethane	ND		20	19.9	100	21.1	106	6	60-130/25
108-20-3	Di-Isopropyl ether	ND		20	20.9	105	22.7	114	8	60-130/25
100-41-4	Ethylbenzene	ND		20	19.5	98	20.4	102	5	60-130/25
637-92-3	Ethyl Tert Butyl Ether	ND		20	19.8	99	21.4	107	8	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	20.2	101	22.2	111	9	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		20	19.9	100	21.6	108	8	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		100	84.7	85	98.2	98	15	60-130/25
108-88-3	Toluene	ND		20	19.5	98	20.6	103	5	60-130/25
1330-20-7	Xylene (total)	ND		60	59.3	99	62.1	104	5	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C16434-6	Limits
1868-53-7	Dibromofluoromethane	99%	99%	96%	60-130%
2037-26-5	Toluene-D8	99%	99%	101%	60-130%
460-00-4	4-Bromofluorobenzene	101%	100%	100%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C16434
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
C16447-13MS	N22855.D	1	06/16/11	TF	n/a	n/a	VN763
C16447-13MSD	N22856.D	1	06/16/11	TF	n/a	n/a	VN763
C16447-13	N22853.D	1	06/16/11	TF	n/a	n/a	VN763

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

C16434-8, C16434-9

CAS No.	Compound	C16447-13 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	21.3	107	22.1	111	4	60-130/25
106-93-4	1,2-Dibromoethane	ND		20	20.7	104	21.5	108	4	60-130/25
107-06-2	1,2-Dichloroethane	7.5		20	29.0	108	29.2	109	1	60-130/25
108-20-3	Di-Isopropyl ether	1.8	J	20	23.6	109	24.6	114	4	60-130/25
100-41-4	Ethylbenzene	ND		20	20.9	105	21.8	109	4	60-130/25
637-92-3	Ethyl Tert Butyl Ether	ND		20	21.0	105	21.5	108	2	60-130/25
1634-04-4	Methyl Tert Butyl Ether	1.7		20	22.7	105	23.3	108	3	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		20	21.1	106	21.6	108	2	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		100	88.5	89	89.3	89	1	60-130/25
108-88-3	Toluene	ND		20	20.9	105	22.0	110	5	60-130/25
1330-20-7	Xylene (total)	ND		60	63.7	106	67.1	112	5	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C16447-13	Limits
1868-53-7	Dibromofluoromethane	98%	96%	96%	60-130%
2037-26-5	Toluene-D8	99%	99%	100%	60-130%
460-00-4	4-Bromofluorobenzene	101%	101%	100%	60-130%