PLATINUM ENERGY

October 19, 2010

Mr. Paresh C. Khatri
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **Annual Summary Report - October 2009 through July 2010**
76 Service Station Facility No. 2611270
3255 Mecartney Road
Alameda, California

Dear Mr. Khatri:

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please call Ms. Lia Holden at (408) 826-1863.

Sincerely,
PLATINUM ENERGY

SHANE NOLAN
Customer Service Representative

Platinum Energy
30343 Canwood St., Suite 200
Agoura Hills, CA 91301-4327
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October 19, 2010

Mr. Paresh Khatri
Hazardous Materials Specialist
Alameda County Environmental Health
Local Oversight Program
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Annual Summary Report
October 2009 through July 2010
Delta Consultants
Delta Project No.: I42611270
Case No.: RO0000511

DELTA

Dear Mr. Khatri:

Delta Consultants (Delta) is forwarding the quarterly summary report for the following location:

Service Station	Location
ConocoPhillips Site No. 11270	3255 Mecartney Road Alameda, California

Sincerely,
Delta Consultants

Evan Chantikian
Senior Staff Geologist

PROFESSIONAL GEOLOGIST
LIA HOLDEN
No. 8584
Exp. 4/11
STATE OF CALIFORNIA

Lia Holden, PG #8584
Geologist - Project Manager

Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – Groundwater Elevation Contour Map
Figure 4 – Groundwater Concentration Map

Table 1 – Current Groundwater Monitoring Data
Table 2 – Historic Groundwater Monitoring Data

Attachment A – Groundwater Flow Direction Rose Diagram
Attachment B – Groundwater Sampling Laboratory Report
Attachment C – Recent Correspondence

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Quarterly Summary Report
Third Quarter – 2010

ConocoPhillips Site No. 11270
3255 Mecartney Road
Alameda, CA

SITE DESCRIPTION:

The site is an operational 76 service station within a shopping center located on the northwest corner of the intersection of Mecartney Road and Island Drive in Alameda, California. The site is located in a mixed commercial and residential neighborhood (**Figure 1**).

Site features include three gasoline underground storage tanks (USTs), two fuel dispenser islands, and a station building with a service bay containing two hoists. The capacity of the three fiberglass fuel USTs are 12,000-gallon, 10,000-gallon, and 6,000-gallons. Currently, there are two onsite (MW-5, MW-6)) and four offsite active groundwater monitoring wells (MW-7, XW-1 through XW-3), and five onsite soil vapor monitoring wells (SV-1 through SV-5). Pertinent site features are shown on **Figure 2**.

PREVIOUS ASSESSMENT

May 1990 - During a routine dispenser modification, hydrocarbon contaminated soils were reported in samples P-1 and P-2 from a depth of 4.5 feet below ground surface (bgs). The dispenser area, including sample locations, was subsequently over-excavated to 4.5 feet bgs and confirmation soil samples SW1 through SW9 were collected. Total petroleum hydrocarbons as gasoline (TPH-G) and benzene were reported at maximum concentrations in sidewall samples SW1 and SW3 at concentrations of 2,000 milligrams per kilogram (mg/kg) and 18 mg/kg in SW1, and 860 mg/kg and 5 mg/kg in SW3, respectively at a depth of 8 feet bgs. SW3 could not be over-excavated to the southwest due to proximity to fuel USTs (KEI 1990). Additional excavation to 8.5 feet bgs was reported to have taken place to the south of SW-1, but it appears that additional excavation to the north of the sample was not conducted. Soil south of SW1 was excavated to 8.5 feet bgs, and soil to the north was excavated to 4.5 feet bgs, the same depth as SW1. Approximately 195 cubic yards of soil were excavated and disposed of at Class I and Class III facilities (KEI 1990).
August 1992 - A preliminary site assessment was conducted at the site including the sampling of two pre-existing Mobil groundwater monitoring wells MW-2 and MW-4. Groundwater flow direction was reportedly to the west. Groundwater samples could not be

collected from monitoring wells MW-1 and MW-3 due to insufficient recharge. Product sheen was observed in the purge water from all of the monitoring wells. TPH-G, benzene and total petroleum hydrocarbons as diesel (TPH-D) were reported at maximum concentrations of 2,600 micrograms per liter (µg/l) and 250 µg/l in MW-4 and 3,900 µg/l in MW-2 (Hydro 1993). Locations of monitoring wells are shown on **Figure 2**, historic groundwater data and elevation is presented in **Table 2**.

May 4, 1993 – In a correspondence letter from the BP Oil Company, the recent installation of three monitoring wells (XW-1 through XW-3) surrounding the site on Harbor Bay Landing shopping center property was acknowledged. No information to the wells installation, ownership or purpose was known. The wells were included into the site's quarterly monitoring program in June of 1993 (BP 1993). Well locations are shown on **Figure 2**.

June 1993 - One 4-inch diameter groundwater monitoring well, MW-5, was installed in the western corner of the property to a depth of 15 feet bgs (**Figure 2**). TPH-D was reported at a concentration of 11,000 mg/kg at a depth of five feet bgs (Hydro 1995). The first groundwater sample collected from the well was reported to only contain TPH-D above the laboratory reporting limit (LRL), at a concentration of 100 ppb.

October 1994 - Two exploratory borings (TB-1 and TB-2) were advanced to a depth of 11.5 feet bgs as part of a baseline property assessment. No analytes were reported above their respective laboratory reporting limits (LRLs) in any soil samples. Groundwater samples collected from borings, TB-1 and TB-2, contained 1,500 µg/l and 310 µg/l TPH-G, respectively.

January 1995 - Monitoring wells, MW-1 through MW-4, were destroyed in January 1995. Additionally, one 4-inch diameter monitoring well, MW-6, was installed on-site and one 2-inch diameter monitoring well, MW-7, was installed approximately five feet to the northwest of the site (**Figure 2**). Monitoring well MW-6 was constructed to a depth of 15 feet bgs and MW-7 was constructed to a depth of 16.5 feet bgs. TPH-D, TPH-G, ethylbenzene, xylenes and toluene were reported in the soil sample from MW-6 at a depth of 5 feet bgs at concentrations of 480mg/kg, 89mg/kg, 0.63 mg/kg, 4.8 mg/kg and 0.21 mg/kg, respectively. In a soil sample from MW-7 from a depth of five feet, TPH-D was reported at a concentration of 110 mg/kg. Groundwater was encountered in the monitoring wells at depths ranging from 5 to 7.5 feet bgs (Hydro 1995).

November 1996 - The oil/water separator located in the floor of the vehicle service bay on the west side of the service station building was removed. Two soil samples (OWS-1, 0.5' and OWS-1, 2') were collected from beneath the former oil/water separator. Total

recoverable petroleum hydrocarbons (TRPH) were present in the both soil samples with a maximum concentration of 49 mg/kg. All other analytes were below LRLs (EMCON 1998). Details regarding the sampling event were obtained through EMCON's Baseline Assessment Report dated July 28, 1998.

August 1997 - Samples of pea gravel base material (S-1, through S-4) were collected from below each fuel dispenser. Only toluene and xylenes were reported above the LRLs in the samples. The original report for the sampling could not be located. Details regarding the sampling event were obtained through URS's Case Closure Summary dated October 27, 2004.

July 9, 1998 - One 1,000-gallon single-walled fiberglass used-oil UST was removed from the site. The UST was noted to be intact with no visible holes or cracks. One native soil sample (S-6-T1E) was collected from the eastern sidewall of the UST cavity at a depth of approximately 7 feet bgs. No analytes were detected above the LRL in the soil sample (ERI 1998).

August 2000 - Site fuel dispensers and product lines were removed and replaced. A total of four pea gravel samples (PD-1-2', PD-2-1.5', PD-3-1.5', and PD-4-1.5') were collected from beneath each of the four fuel dispensers, and four pea gravel samples (PL-3-1.5', PL-4-1.5', PL-6-1.5', and PL-7-1.5') were collected from beneath the product lines. Three pea gravel samples were also collected at each of the ends of the fuel USTs (F-1-4', F-2-4', and F-5-3'). No analytes were reported above LRLs in any of the samples submitted for laboratory analysis (SECOR 2000).

October 31, 2001: the Alameda County Environmental Health (ACEH) Department issued a letter of intent to make a determination that no further action (NFA) would be required, or to issue a closure letter for the site's environmental case (ACEH 2001). In a letter dated November 7, 2001, BP Oil notified the ACEH that monitoring and sampling of the site's monitoring wells would cease pending case closure/ the issue of an NFA (BP 2001).

October 21, 2004: URS submitted a Case Closure Summary (URS 2004).

August 21, 2008: The ACEH denied URS case closure. The ACEH stated that it was unclear whether sample SW1 was over-excavated. The sample was collected from a depth of 4.5 feet bgs, and appeared to be a sidewall sample for the 8 foot deep excavation to the south. The ACEH then stated that concentrations reported in SW1 would require additional investigation (ACEH 2008).

February 2009: Broadbent & Associates, Inc (BAI) attempted to advance soil boring B-4 to assess the presence of residual petroleum hydrocarbon-impacted soil onsite in the vicinity of the UST complex and the pump islands. Field activities were stopped in accordance with BP's safety protocol after encountering. According to the manager who has operated the facility for 24 years, during original construction, a large area of the subsurface soil was excavated from the site and backfilled with pea gravel (BAI 2009). The approximate extent of the pea gravel is shown on **Figure 2**. BAI also conducted a preferential pathway study, but stated that results of the study were inconclusive. BAI recommended case closure based on historically low hydrocarbon concentrations.

May 8, 2009: The ACEH denied BAI's closure request and stated that investigation had not been performed to confirm or repudiate concentrations in SW1. Further, the ACEH stated that since pea gravel covers much of the subsurface at the site, that vapor intrusion should be investigated.

December 10, 2009: Delta installed five soil vapor wells at the site. One soil sample was collected from 4.5 feet bgs in each well, and soil vapor samples were collected on January 10, 2010. TPH-D and methyl tertiary butyl ether (MTBE) were reported in soil sample SV-5 at concentrations of 50.9 mg/kg and 0.022 mg/kg, respectively. TPH-G was reported in soil vapor samples from wells SV-2, SV-4 and SV-5 at concentrations of 1,400 micrograms per cubic meter ($\mu g/m^3$), 35,000 $\mu g/m^3$ and 16,000 $\mu g/m^3$, respectively. MTBE was reported in the same wells at concentrations of 60 $\mu g/m^3$, 92 $\mu g/m^3$ and 4,700 $\mu g/m^3$ respectively. Benzene was reported in all wells at concentrations ranging from 9.9 $\mu g/m^3$ in well SV-1 to 33 $\mu g/m^3$ in well SV-2 (Delta 2010). Based on the distance from the station building and the soil vapor TPH-G concentrations in wells SV-1 (<920 $\mu g/m^3$) and SV-2 (1,400 $\mu g/m^3$) adjacent to the station building, Delta concluded that intrusion of soil vapor into the service station building is not a concern at the site, and that the site is capped with asphalt and concrete, impeding the upward movement of soil vapor towards potential receptors. Therefore, Delta recommended suspension of additional soil vapor sampling events.

SENSITIVE RECEPTORS

November 1992 - A sensitive receptor survey and existing well search were conducted. No public water supply wells were identified within approximately 2,500 feet of the site. No private water supply wells were identified within 1,000 feet of the site. Additionally, no subways, basements, and schools were identified within 1,000 feet of the site.

The one-page checklist survey identified a surface water body located approximately 500 feet from the site, but did not name it (Hydro 1993). As observed during a site visit by URS, this surface water body is a channel excavated as part of a residential development. The channel appears to connect to the San Francisco Bay which is located, at its closest, approximately 600 feet to the north of the site (URS 2004).

Delta has identified one (circa 1910) irrigation well located less than a mile west of the site. The well was reported by the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) to be less than 100 feet deep, and was allegedly abandoned in the 1930s when development of Sierra Nevada reservoirs provided an alternate water supply. Four additional irrigation wells deeper than 100 feet were identified within a mile to the north and northeast of the site in the same report (RWQCB 1999).

MONITORING AND SAMPLING

Currently six onsite wells (MW-5 through MW-7 and XW-1 through XW-3) are monitored annually during the third quarter. All six wells were gauged and sampled this quarter on July 6, 2010. Groundwater hydraulic gradient and flow direction were calculated at 0.017 feet per foot (ft/ft) to the northwest. The attached groundwater flow direction rose diagram shows that this is consistent with historic gradient and flow direction data (**Attachment A**).

Groundwater samples are analyzed quarterly for TPH-G, BTEX compounds, MTBE, TBA, ethylene dibromide (EDB), ethylene dichloride (EDC), DIPE, ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), and ethanol.

Laboratory analytical results show that MTBE was detected in three of the six wells (MW-6, MW-7, and XW-3) at concentrations ranging from 0.75 µg/l in MW-7 to a maximum of 1.0 µg/l in MW-6. There were no other detections of constituents of concern in samples collected during this sampling event.

Current groundwater monitoring and sampling data is summarized in **Table 1**. The associated laboratory report is included in **Attachment B**. Historic groundwater monitoring data is included in **Table 2**.

QUALITY ASSURANCE / QUALITY CONTROL (QA/QC)

Delta performed a QA/QC data validation check on the PACE laboratory analytical results for the July 2010 sampling event. The following data qualifiers were noted on individual well and laboratory control samples:

- Laboratory Data Qualifier "B-": Analyte detected in method blank but was not detected in associated samples.
- Laboratory Data Qualifier "E": Analyte concentration exceeded the calibration range. The reported result is estimated.
- Laboratory Data Qualifier "L3": Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- Laboratory Data Qualifier "MO": Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

All four data qualifiers are related to a high bias in TPH-GRO detections. TPH-GRO was not detected above the laboratory detection limits in any samples, and therefore the data was unaffected by the high bias. No laboratory data qualifiers were noted in the PACE Labs report that rendered the reported data to be invalid.

RECENT CORRESPONDENCE

On July 7, 2010, Delta submitted a *Request for Case Closure* to the ACEH. In a correspondence letter dated July 22, 2010, the ACEHD requested that Delta conduct additional soil vapor sampling events and submit a report due by September 20, 2010, prior to considering the site for case closure.

In email correspondence dated September 2, 2010, Delta notified the ACEH that due to lab error, vapor samples which were collected on August 27, 2010 were rendered invalid. In this correspondence, Delta requested an extension on the vapor sampling report deadline from September 20, 2010 to November 12, 2010, to allow for re-sampling. The request for extension was granted by the ACEH in email correspondence dated September 3, 2010. Recent correspondence letters are included in **Attachment C**.

CONCLUSIONS AND RECOMMENDATIONS

Delta has requested case closure for this site in Delta's *Request for Case Closure* dated July 7, 2010. At the request of the ACEH, Delta has conducted an additional soil vapor sampling event in September 2010, to allow possible changes in site conditions between summer and winter. Delta will submit a revised request for case closure with additional soil vapor sampling data on or before November 12, 2010.

OCTOBER 2009 THROUGH SEPTEMBER 2010 ACTIVITIES

- Delta prepared and submitted the *Quarterly Status Report – July through September 2009*, dated October 13, 2009
- Delta installed and sampled five soil-vapor wells in December 2009.
- Delta conducted an initial soil vapor sampling event.
- Delta reported the results of soil vapor sampling in the *Site Assessment Report*, dated February 16, 2010.
- Delta submitted a Request for Case Closure dated July 7, 2010.
- Blainetech Services performed an annual groundwater monitoring event.
- Delta conducted a soil vapor sampling event on August 27, 2010.
- Delta resampled the five soil vapor wells on September 9, 2010.

PLANNED ACTIVITIES – OCTOBER 2010 THROUGH SEPTEMBER 2011

- Delta prepared and submitted an Annual Summary Report (provided herein).
- Delta to prepare and submit Soil Vapor Sampling Report and Request for Case Closure on or before November 12, 2010.
- If ACEH concurs with closure request, Delta to conduct well destruction activities.

REMARKS

The descriptions, conclusions, and recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by Delta, the data from those reports is used "as is" and is assumed to be accurate. Delta does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were conducted. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

CONSULTANT: Delta Consultants

REFERENCES

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Kapreallian Engineering Inc., *Soil Sampling Report, BP Service Station 3255 McCartney Road, Alameda, California,* July 16, 1990.

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BP Oil Company, Correspondence Letter*: Former BP Oil Site No. 11207, 3255 Mecartney Road, Alameda, CA*, November 7, 2001.

URS, *Case Closure Summary, Case #RO0000511, Former BP Service Station #11270, 3255 Mecartney Road, Alameda, California*, October 27, 2004.

California Regional Quality Control Board, San Francisco Bay Region. *Screening for Environmental Concerns at Site with Contaminated Soil and Groundwater,* March 2008.

Broadbent & Associates, Inc., *On-Site Soil Investigation with Preferential Pathway Evaluation Report, Former BP Service Station #11270, 3255 Mecartney Road, Alameda, California*, April 30, 2009.

Alameda County Health Care Services Agency, Correspondence Letter: *Subject: Fuel Leak Case No. RO0000511 and GeoTracker Global ID T0600101198, BP #11270, 3255 Mecartney Rd., Alameda, CA, 94501,* May 8, 2009.

Delta Consultants, *Site Assessment Report, 76 Service Station No. 11270, 3255 Mecartney Road, Alameda, California,* February 16, 2010.

Figures

North

0 900 1800 FT

SCALE

FIGURE 1

SITE LOCATION MAP

BP STATION NO. 11270
3255 MECARTNEY ROAD
ALAMEDA, CALIFORNIA

PROJECT NO. I42611270	DRAWN BY JH 06/02/09
FILE NO. 11270-SiteLocator	PREPARED BY DD
REVISION NO.	REVIEWED BY

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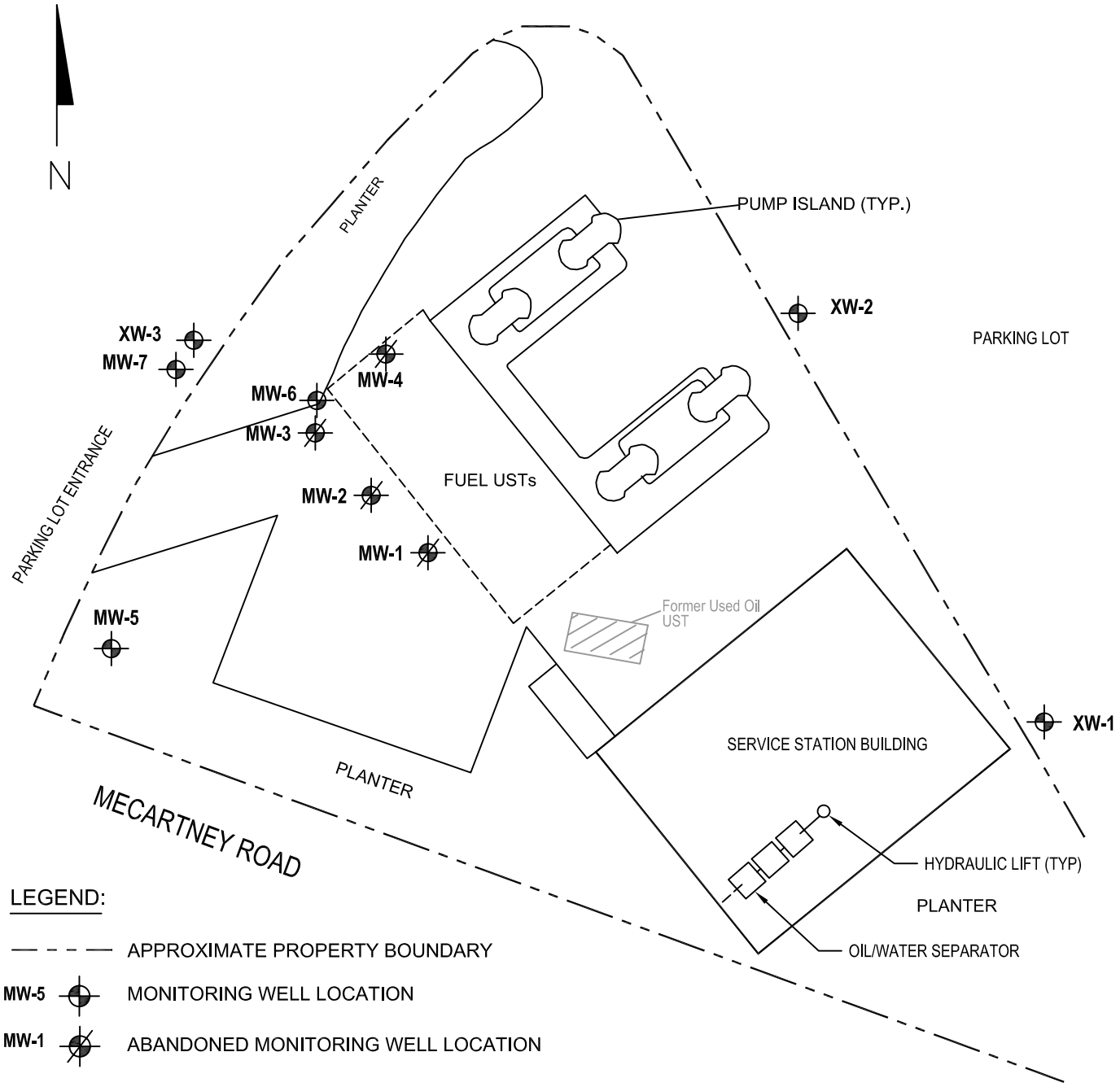
SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, SAN LEANDRO & HUNTERS POINTE QUADRANGLES (1973



0 20 FT

SCALE

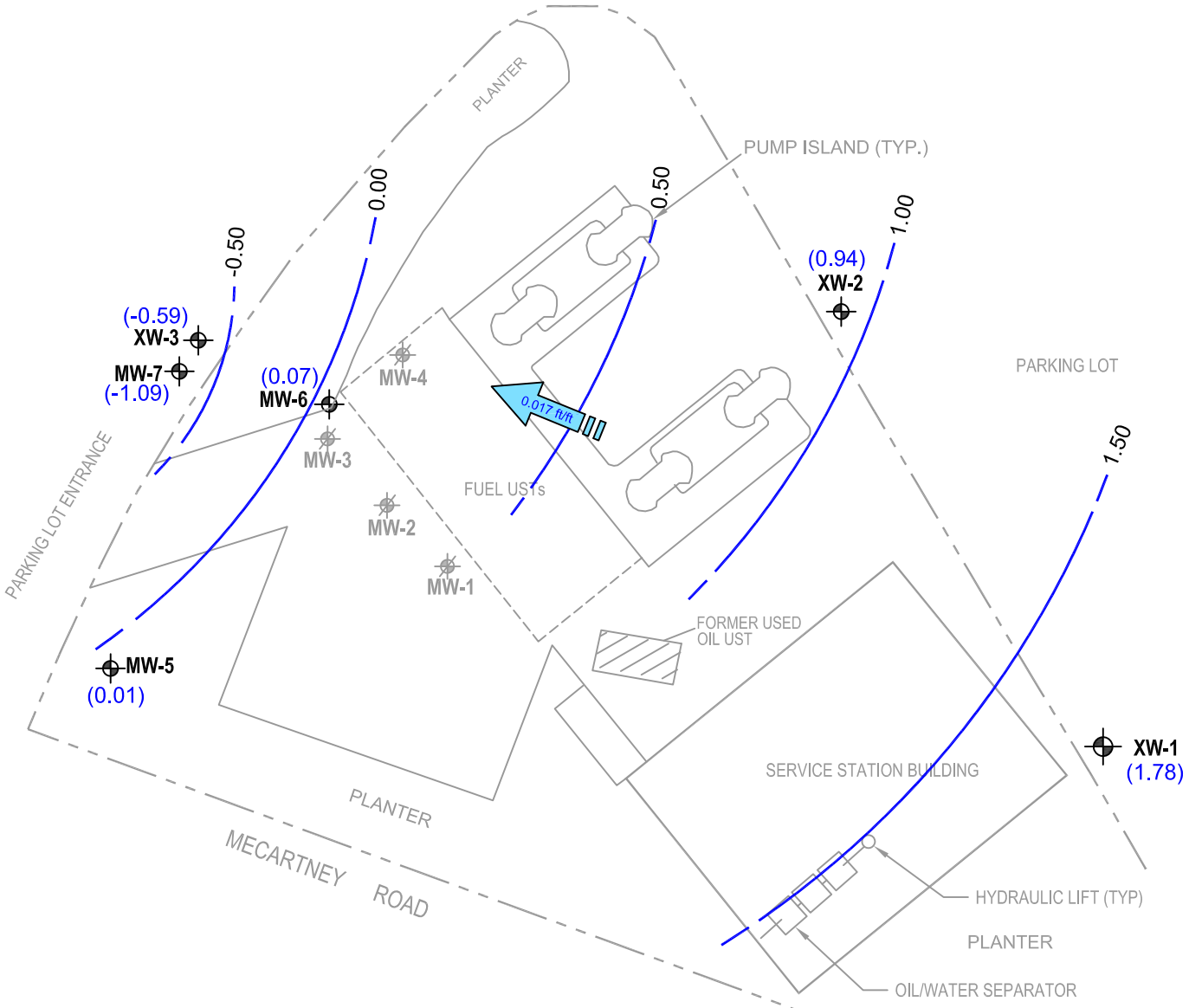
MAP ADAPTED FROM A MAP DATED 10/14/08 BY BROADBENT & ASSOCIATES, INC ENTITLED "SITE MAP".

FIGURE 2
SITE PLAN

76 STATION NO. 11270
3255 MECARTNEY ROAD
ALAMEDA, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
142611270	DD	JH
DATE	REVIEWED BY	FILE NAME
06/02/09		11270-Site

DELTA®



EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- MW-5 — MONITORING WELL LOCATION
- MW-1 — ABANDONED MONITORING WELL LOCATION
- 1.50 — GROUNDWATER ELEVATION CONTOUR MAP (ft); DASHED WHERE INFERRED
- (1.78) — GROUNDWATER ELEVATION (ft)
- 0.017 ft/ft — GENERAL GROUNDWATER FLOW DIRECTION AND GRADIENT

N

0 20'

SCALE

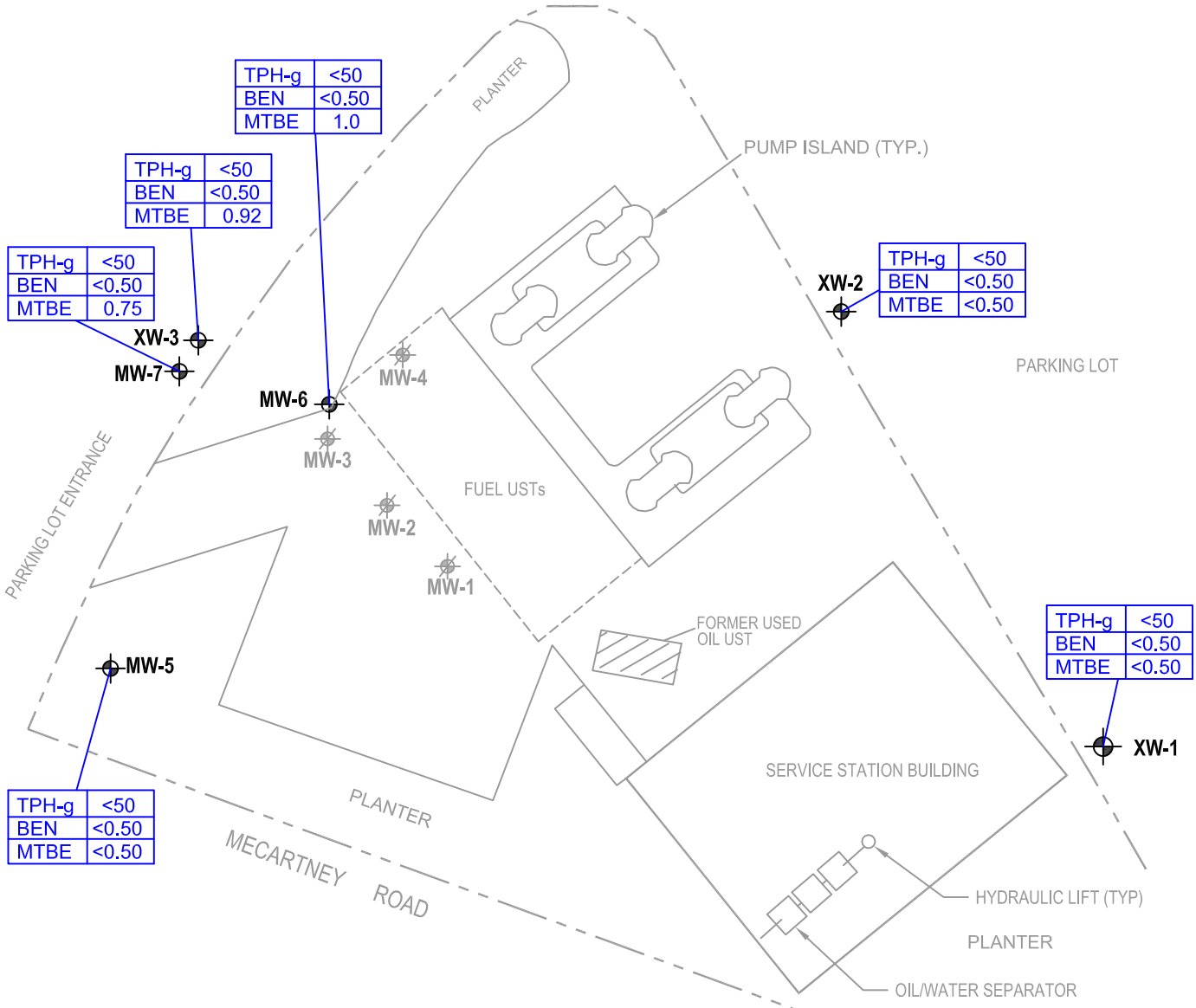
NOTE:
MAP ADAPTED FROM A MAP DATED 10/14/08 BY BROADBENT & ASSOCIATES, INC ENTITLED "SITE MAP".

FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP

BP STATION NO. 11270
3255 MECARTNEY ROAD
ALAMEDA, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
142611270	EC	KYM
DATE	REVIEWED BY	FILE NAME
9/23/10	DD	11270-Site

DELTA®



EXPLANATION

APPROXIMATE PROPERTY BOUNDARY	
MW-5	MONITORING WELL LOCATION
MW-1	ABANDONED MONITORING WELL LOCATION
TPH-g	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
BEN	BENZENE
MTBE	METHYL TERT-BUTYL ETHER
<50	NOT DETECTED ABOVE INDICATED REPORITNG LIMIT

N

0 20'

SCALE

NOTE:
MAP ADAPTED FROM A MAP DATED 10/14/08 BY BROADBENT & ASSOCIATES, INC ENTITLED "SITE MAP".

FIGURE 4
GROUNDWATER CONCENTRATION MAP

BP STATION NO. 11270
3255 MECARTNEY ROAD
ALAMEDA, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
142611270	EC	KYM
DATE	REVIEWED BY	FILE NAME
9/23/10	DD	11270-Site

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Tables

TABLE 1
CURRENT GROUND WATER GAUGING AND ANALYTICAL DATA
COP ELT 2611270
3255 MCCARTNEY RD
ALAMEDA, CALIFORNIA

Well I.D.	Date	GROUND WATER GAUGING DATA				GROUND WATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	TPH-g (8260 GC/MS) (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8260B) (ug/L)	TBA (ug/L)	Ethanol (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	Oxygen, Dissolved (mg/L)
MW-5	7/6/2010	8.36	8.35	NP	0.01	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	1.7
MW-6	7/6/2010	6.88	6.81	NP	0.07	<50.0	<0.50	<0.50	<0.50	<1.5	1.0	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	1.58
MW-7	7/6/2010	6.62	7.71	NP	-1.09	<50.0	<0.50	<0.50	<0.50	<1.5	0.75	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	0.98
XW-1	7/6/2010	7.49	5.71	NP	1.78	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	0.72
XW-2	7/6/2010	7.48	6.54	NP	0.94	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	1.51
XW-3	7/6/2010	6.84	7.43	NP	-0.59	<50.0	<0.50	<0.50	<0.50	<1.5	0.92	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	1.24

Gauging Notes:
TOC - Top of Casing
ft - Feet
NP - LNAPL not present
LNAPL - Light non-aqueous phase liquid
* - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)
NSVD - Not surveyed
-- - No information available
NGV - No guidance value

Analytical Notes:
< - Not detected at or above indicated laboratory reporting limit
NS - Well not sampled.
ug/L - micrograms/liter

TABLE 2
HISTORICAL GROUND WATER GAUGING AND ANALYTICAL DATA
COP ELT 2611270
3255 MCCARTNEY RD
ALAMEDA, CALIFORNIA

Well I.D.	Date	GROUND WATER GAUGING DATA				GROUND WATER ANALYTICAL DATA																
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	Total Purgeable Hydrocarbons (ug/L)	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	TBA (ug/L)	Ethanol (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	Diesel Range Organics (ug/L)	Oxygen, Dissolved (mg/L)
MW-1	10/29/1992	7.49	7.28	NP	0.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/1993	7.49	5.40	NP	2.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/5/1994	7.49	5.64	NP	1.85	--	1700	20	1.1	3.9	7.6	--	--	--	--	--	--	--	--	--	--	--
	7/28/1994	7.49	6.22	NP	1.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/26/1994	7.49	6.40	NP	1.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/5/1995	7.49	NG	NG	NG	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10/29/1992	7.07	6.84	NP	0.23	--	2500	140	<10	65	22	--	--	--	--	--	--	--	--	--	3900	--
	6/21/1993	7.07	5.49	NP	1.58	--	720	12	1.5	11	12	--	--	--	--	--	--	--	--	--	770	--
	4/5/1994	7.07	5.40	NP	1.67	--	420	<0.50	<0.50	<0.50	4	4500	4500	--	--	--	--	--	--	--	1300	1.8
	7/28/1994	7.07	5.97	NP	1.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/26/1994	7.07	6.10	NP	0.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/2/1995	7.07	NG	NG	NG	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10/29/1992	7.08	7.14	NP	-0.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/1993	7.08	5.84	NP	1.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/5/1994	7.08	5.83	NP	1.25	--	990	3.2	<0.50	<0.50	1.3	790	790	--	--	--	--	--	--	--	4300	--
	7/28/1994	7.08	6.32	NP	0.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/26/1994	7.08	6.42	NP	0.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/2/1995	7.08	NG	NG	NG	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	10/29/1992	7.13	6.90	NP	0.23	--	2600	250	2.5	74	6.6	--	--	--	--	--	--	--	--	--	--	--
	6/21/1993	7.13	5.54	NP	1.59	--	1400	24	2.9	2.6	7.9	--	--	--	--	--	--	--	--	--	1100	--
	4/5/1994	7.13	5.46	NP	1.67	--	930	33	0.8	<0.50	2.8	8700	8700	--	--	--	--	--	--	--	940	2.7
	7/28/1994	7.13	6.02	NP	1.11	--	2400	19	1.8	0.5	8	--	--	--	--	--	--	--	--	--	1400	6.7
	10/26/1994	7.13	6.13	NP	1.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/5/1995	7.13	NG	NG	NG	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/21/1993	8.36	7.44	NP	0.92	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	100	--
	4/5/1994	8.36	7.42	NP	0.94	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	100	2.5
	7/28/1994	8.36	7.88	NP	0.48	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	<50	7.4
	10/26/1994	8.36	7.92	NP	0.44	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	160	5.5
	2/5/1995	8.36	7.83	NP	0.53	--	<50	<0.25	<0.25	<0.25	<0.50	--	--	--	--	--	--	--	--	--	<500	--
	5/5/1995	8.36	9.00	NP	-0.64	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	--	--	--	--	--	3.1
	7/19/1995	8.36	9.03	NP	-0.67	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	--	--	--	--	--	4.6
	10/12/1995	8.36	9.15	NP	-0.79	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	--	--	--	--	--	--	--	--	4.3
	1/8/1996	8.36	9.04	NP	-0.68	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	--	--	--	--	--	--	--	--	4.9
	9/11/1997	8.36	8.90	NP	-0.54	--	<50	<0.50	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	--	--	--	4
	1/27/1998	8.36	8.27	NP	0.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/19/1998	8.36	8.60	NP	-0.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/27/2000	8.36	8.68	NP	-0.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/21/2001	8.36	8.13	NP	0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/18/2001	8.36	NG	NG	NG	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2008	8.36	8.93	NP	-0.57	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<300	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/22/2009	8.36	8.85	NP	-0.49	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<300	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/6/2010	8.36	8.35	NP	0.01	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--	1.7
MW-6	2/5/1995	6.88	6.39	NP	0.49	--	1000	7.6	19	9.1	96	--	--	--	--	--	--	--	--	--	1000	5
	5/5/1995	6.88	6.85	NP	0.03	--	2300	49	9	130	46	--	--	--	--	--	--	--	--	--	--	3.3
	7/19/1995	6.88	7.13	NP	-0.25	--	1500	84	3.3	28	24	--	--	--	--	--	--	--	--	--	--	3.7
	10/12/1995	6.88	7.35	NP	-0.47	--	1800	38	13	38	86	2500	2500	--	--	--	--	--	--	--	--	4.1
	1/8/1996	6.88	7.04	NP	-0.16	--	1300	31	4.7	60	53	170	170	--	--	--	--	--	--	--	--	4.2
	9/11/1997	6.88	7.29	NP	-0.41	--	<250	8.5	<5.0	11	6	1400	1400	--	--	--	--	--	--	--	--	3.5
	1/27/1998	6.88	6.20	NP	0.68	--	47000	350	150	360	690	38000	38000	--	--	--	--	--	--	--	--	4.6
	4/19/1998	6.88	6.64	NP	0.24	--	36000	40	510	140	10500	660	660	--	--	--	--	--	--	--	--	4
	9/27/2000	6.88	6.99	NP	-0.11	--	1400	6.9	19	110	53	33	33	--	--	--	--	--	--	--	--	--
	3/21/2001	6.88	6.36	NP	0.52	--	330	2.2	1.42	50.4	10.2	56.3	56.3	--	--	--	--	--	--	--	--	--
	9/18/2001	6.88	7.11	NP	-0.23	--	290	0.957	<5.0	11.2	6.83	50.7	50.7	--	--	--	--	--	--	--	--	--
	9/19/2008	6.88	7.31	NP	-0.43	--	83	<0.50	4.1	2	17	3.4	3.4	<10	<300	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/22/2009	6.88	7.27	NP	-0.39	<50	--	<0.50	<0.50	<0.50	<1.0	2.6	2.6	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/6/2010	6.88	6.81	NP	0.07	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	1	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--	1.58
MW-7	2/5/1995	6.62	7.62	NP	-1.00	--	280	<0.25	<0.25	<0.25	<0.50	--	--	--	--	--	--	--	--	--	<500	5.1
	5/5/1995	6.62	7.64	NP	-1.02	--	290	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	--	--	--	--	--	3.6
	7/19/1995	6.62	7.70	NP	-1.08	--	150	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	--	--	--	--	--	4.6
	10/12/1995	6.62	7.88	NP	-1.26	--	110	<0.50	<0.50	<0.50	<1.0	390	390	--	--	--	--	--	--	--	--	4.7

TABLE 2
HISTORICAL GROUND WATER GAUGING AND ANALYTICAL DATA
COP ELT 2611270
3255 MCCARTNEY RD
ALAMEDA, CALIFORNIA

Well I.D.	Date	GROUND WATER GAUGING DATA				GROUND WATER ANALYTICAL DATA																
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	Total Purgeable Hydrocarbons (ug/L)	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	TBA (ug/L)	Ethanol (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	Diesel Range Organics (ug/L)	Oxygen, Dissolved (mg/L)
MW-7	1/8/1996	6.62	7.66	NP	-1.04	--	9	<0.50	<0.50	<0.50	<1.0	300	300	--	--	--	--	--	--	--	--	4.9
	9/11/1997	6.62	7.78	NP	-1.16	--	<50	<2.5	<5.0	<5.0	<5.0	63	63	--	--	--	--	--	--	--	--	3.8
	1/27/1998	6.62	7.30	NP	-0.68	--	1400	7.7	<1.0	<1.0	<1.0	920	920	--	--	--	--	--	--	--	--	4.4
	4/19/1998	6.62	7.52	NP	-0.90	--	3500	15	7.7	11	19.3	3600	3600	--	--	--	--	--	--	--	--	4.7
	9/27/2000	6.62	7.71	NP	-1.09	--	<50	<0.50	<0.50	<0.50	<0.50	71	71	--	--	--	--	--	--	--	--	--
	3/21/2001	6.62	7.62	NP	-1.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/29/2001	6.62	7.57	NP	-0.95	--	80	<0.50	<0.50	<0.50	<1.5	88.2	88.2	--	--	--	--	--	--	--	--	--
	9/18/2001	6.62	7.74	NP	-1.12	--	<250	<2.5	<2.5	<2.5	<7.5	36.6	36.6	--	--	--	--	--	--	--	--	--
	9/19/2008	6.62	7.81	NP	-1.19	--	<50	<0.50	<0.50	<0.50	<0.50	1.6	1.6	<10	<300	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/22/2009	6.62	7.70	NP	-1.08	<50	--	<0.50	<0.50	<0.50	<1.0	1.2	1.2	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/6/2010	6.62	7.71	NP	-1.09	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	0.75	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--	0.98
XW-1	6/21/1993	NSVD	NG	NG	NG	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/5/1994	NSVD	5.36	NP	NSVD	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	70	3
	7/28/1994	NSVD	5.92	NP	NSVD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/26/1994	NSVD	6.05	NP	NSVD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/5/1995	7.49	5.82	NP	1.67	--	<50	<0.25	<0.25	<0.25	<0.50	--	--	--	--	--	--	--	--	--	<500	4.9
	5/5/1995	7.49	5.57	NP	1.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/19/1995	7.49	6.12	NP	1.37	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	--	--	--	--	--	4.3
	10/12/1995	7.49	6.82	NP	0.67	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	--	--	--	--	--	--	--	--	3.8
	1/8/1996	7.49	6.11	NP	1.38	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	--	--	--	--	--	--	--	--	4.7
	9/11/1997	7.49	6.57	NP	0.92	--	<50	<0.50	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	--	--	--	3.3
	1/27/1998	7.49	5.27	NP	2.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/19/1998	7.49	5.24	NP	2.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/27/2000	7.49	6.13	NP	1.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/21/2001	7.49	5.97	NP	1.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/18/2001	7.49	6.59	NP	0.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2008	7.49	6.76	NP	0.73	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<300	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/22/2009	7.49	6.65	NP	0.84	<50	--	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/6/2010	7.49	5.71	NP	1.78	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--	0.72
XW-2	6/21/1993	7.48	5.89	NP	1.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/5/1994	7.48	5.77	NP	1.71	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	160	3
	7/28/1994	7.48	6.25	NP	1.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/26/1994	7.48	6.39	NP	1.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/5/1995	7.48	5.62	NP	1.86	--	<50	<0.25	0.38	<0.25	<0.50	--	--	--	--	--	--	--	--	--	<500	5.2
	5/5/1995	7.48	5.66	NP	1.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/19/1995	7.48	6.80	NP	0.68	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	--	--	--	--	--	3.9
	10/12/1995	7.48	7.21	NP	0.27	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	--	--	--	--	--	--	--	--	4.3
	1/8/1996	7.48	6.79	NP	0.69	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	--	--	--	--	--	--	--	--	4.2
	9/11/1997	7.48	6.86	NP	0.62	--	<50	<0.50	<1.0	<1.0	<1.0	<10	<10	--	--	--	--	--	--	--	--	3.6
	1/27/1998	7.48	5.88	NP	1.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/19/1998	7.48	5.42	NP	2.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/27/2000	7.48	6.86	NP	0.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/21/2001	7.48	6.60	NP	0.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/18/2001	7.48	7.15	NP	0.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/19/2008	7.48	7.39	NP	0.09	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<300	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/22/2009	7.48	7.23	NP	0.25	<50	--	1.5	11	1.9	12	<0.50	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/6/2010	7.48	6.54	NP	0.94	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--	1.51
XW-3	6/21/1993	6.84	5.85	NP	0.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/5/1994	6.84	5.85	NP	0.99	--	<50	<0.50	0.7	<0.50	<0.50	--	--	--	--	--	--	--	--	--	150	3.1
	7/28/1994	6.84	6.28	NP	0.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/26/1994	6.84	6.40	NP	0.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/5/1995	6.84	7.23	NP	-0.39	--	280	<0.50	<0.50	0.63	<1.0	--	--	--	--	--	--	--	--	--	<500	4.9
	5/5/1995	6.84	7.43	NP	-0.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/19/1995	6.84	7.60	NP	-0.76	--	400	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	--	--	--	--	--	43
	10/12/1995	6.84	7.74	NP	-0.90	--	130	<0.50	<0.50	<0.50	<1.0	480	480	--	--	--	--	--	--	--	--	4.7
	1/8/1996	6.84	7.58	NP	-0.74	--	320	<2.5	<2.5	<2.5	<5.0	1100	1100	--	--	--	--	--	--	--	--	4.4
	1/27/1998	6.84	7.01	NP	-0.17	--	1200	2.8	<1.0	<1.0	<1.0	990	990	--	--	--	--	--	--	--	--	4.3
	4/19/1998	6.84	7.28	NP	-0.44	--	4500	<2.5	<5.0	<5.0	<5.0	4800	4800	--	--	--	--	--	--	--	--	4.3
	9/27/2000	6.84	7.59	NP	-0.75	--	<50	<0.50	<0.50	<0.50	<0.50	35	35	--	--	--	--	--	--	--	--	--
	3/21/2001	6.84	7.35	NP	-0.51	--	<250	<2.5	<2.5	<2.5	<7.5	61.7	61.7	--	--	--	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUND WATER GAUGING AND ANALYTICAL DATA
COP ELT 2611270
3255 MCCARTNEY RD
ALAMEDA, CALIFORNIA

Well I.D.	Date	GROUND WATER GAUGING DATA				GROUND WATER ANALYTICAL DATA															
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	Total Purgeable Hydrocarbons (ug/L)	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW8021B) (ug/L)	MTBE (SW8260B) (ug/L)	TBA (ug/L)	Ethanol (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	Diesel Range Organics (ug/L)	Oxygen, Dissolved (mg/L)
XW-3	9/18/2001	6.84	7.70	NP	-0.86	--	<250	<2.5	<2.5	<2.5	<7.5	23.4	23.4	--	--	--	--	--	--	--	--	--
	9/19/2008	6.84	7.90	NP	-1.06	--	<50	<0.50	<0.50	<0.50	<0.50	1.3	1.3	<10	<300	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/22/2009	6.84	7.70	NP	-0.86	<50	--	<0.50	<0.50	<0.50	<1.0	1.4	1.4	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	7/6/2010	6.84	7.43	NP	-0.59	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	0.92	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--	1.24
QC-1	4/5/1994	NSVD	NG	NG	NG	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
	7/28/1994	NSVD	NG	NG	NG	--	2300	19	1.7	0.5	7.4	--	--	--	--	--	--	--	--	--	--	--
	10/26/1994	NSVD	NG	NG	NG	--	<50	<0.50	0.5	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
	2/5/1995	NSVD	NG	NG	NG	--	<50	<0.25	<0.25	<0.25	<0.50	--	--	--	--	--	--	--	--	--	--	--
	5/5/1995	NSVD	NG	NG	NG	--	2400	49	9.2	140	48	--	--	--	--	--	--	--	--	--	--	--
	7/19/1995	NSVD	NG	NG	NG	--	1500	89	3.8	30	26	--	--	--	--	--	--	--	--	--	--	--
	10/12/1995	NSVD	NG	NG	NG	--	1100	33	7	18	44	2200	2200	--	--	--	--	--	--	--	--	--
	1/8/1996	NSVD	NG	NG	NG	--	1000	27	4	49	44	150	150	--	--	--	--	--	--	--	--	--
	9/11/1997	NSVD	NG	NG	NG	--	210	8.7	<5.0	14	8	1400	1400	--	--	--	--	--	--	--	--	--
	1/27/1998	NSVD	NG	NG	NG	--	51000	190	120	300	580	35000	35000	--	--	--	--	--	--	--	--	--
	4/19/1998	NSVD	NG	NG	NG	--	24000	20	360	81	7100	480	480	--	--	--	--	--	--	--	--	--
QC-2	4/5/1994	NSVD	NG	NG	NG	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
	7/28/1994	NSVD	NG	NG	NG	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
	10/26/1994	NSVD	NG	NG	NG	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
	2/5/1995	NSVD	NG	NG	NG	--	<50	<0.25	<0.25	<0.25	<0.50	--	--	--	--	--	--	--	--	--	--	--
	5/5/1995	NSVD	NG	NG	NG	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	--	--	--	--	--	--
	7/19/1995	NSVD	NG	NG	NG	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	--	--	--	--	--	--
	10/12/1995	NSVD	NG	NG	NG	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	--	--	--	--	--	--	--	--	--
	1/8/1996	NSVD	NG	NG	NG	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	--	--	--	--	--	--	--	--	--

Gauging Notes:

TOC - Top of Casing
ft - Feet
NP - LNAPL not present
LNAPL - Light non-aqueous phase liquid
* - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)
NG - Not gauged
NSVD - Not surveyed
-- - No information available
NGV - No guidance value

Analytical Notes:

-- - No information available
< - Not detected at or above indicated laboratory reporting limit
LPH - Liquid Phase Hydrocarbons
NL - Well Not Located
NO - Natural Obstruction (ice, snow, flooded, etc)
NS - Well not sampled.
UG/L - micrograms/liter
WD - Well Destroyed
WI - Well Inaccessable

Attachment A

Groundwater Flow Direction Rose Diagram

TABLE 2
Groundwater Gradient and Flow Direction

BP Station Number 11270
3255 Mecartney Road
Alameda, California

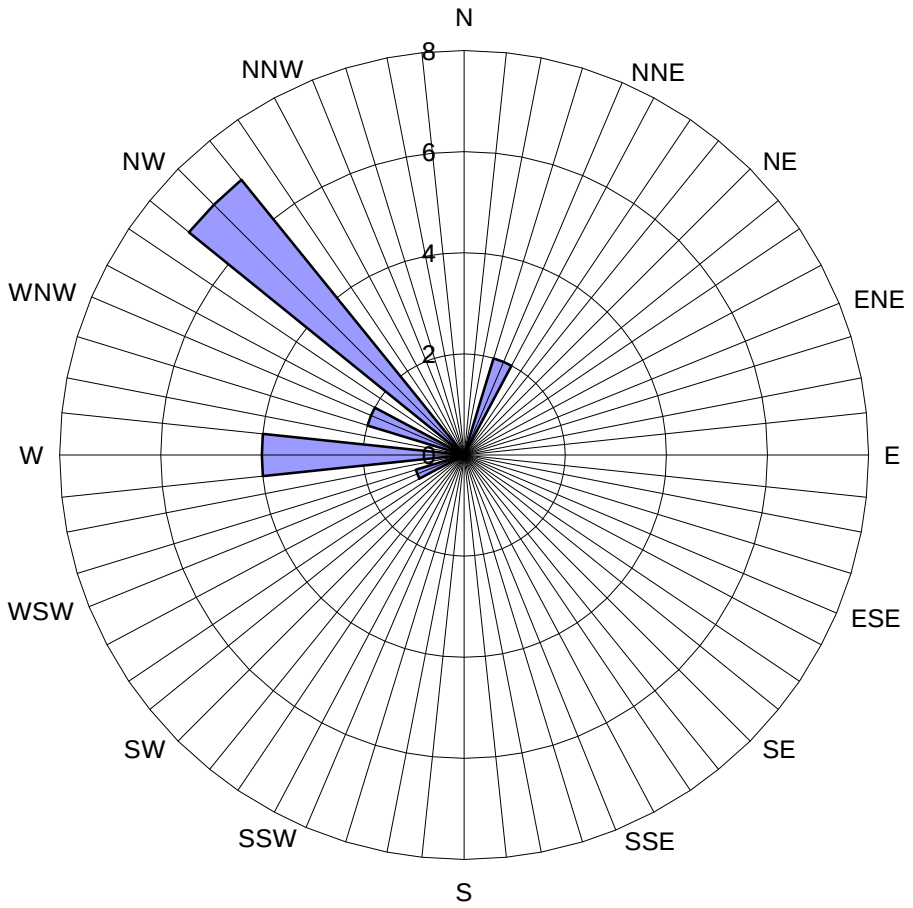
Site	Monitoring Date	Groundwater Gradient (feet per foot)	Groundwater Flow Direction															
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
11270	10/26/94	0.03	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	0	0
	02/05/95	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	0
	05/05/95	0.03	0	0	0	0	0	0	0	0	0	0	0	**1**	0	0	0	0
	01/08/96	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	09/11/97	0.01	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	0	0
	01/27/98	0.02 ; 0.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	04/19/98	0.03	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	0	0
	07/29/99	0.06	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10/18/99	0.06	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01/12/00	0.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	09/27/00	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	03/21/01	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	09/18/01	0.01	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	0	0
	09/18/08	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0	0
	07/22/09	0.013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
	07/06/10	0.017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0.028 Average	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**4**	**2**	**7**	**0**

Explanation

NA = Not available

Number of Events = 16

Historic Groundwater Flow Directions
BP Station No. 11270
3255 Mecartney Road
Alameda, California



Legend
Groundwater flow directions are based on data from the Fourth Quarter 1994 to the Third Quarter 2010. 16 data points shown.

11270 ROSE DIAGRAM.xls

Attachment B

Groundwater Sampling Laboratory Report

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

July 20, 2010

Lia Holden
ELT-Delta Consultants
312 Piercy Rd
San Jose, CA 95138

RE: Project: 2611270 Mecartney
Pace Project No.: 254168

Dear Lia Holden:
Enclosed are the analytical results for sample(s) received by the laboratory on July 07, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Regina Ste. Marie

Regina SteMarie

regina.stemarie@pacelabs.com
Project Manager

Enclosures

cc: Tara Bosch, ELT_Delta Consultants Sacramento
Dennis Dettloff, ELT_Delta Consultants Sacramen
Jonathon Fillingame, ELT_Delta Consultants Sacramento
Josh Mahoney, ELT_Delta Consultants San Jose
Tony Perini, ELT_Delta Consultants San Jose
Nicole Persaud, ELT-Delta Consultants
Don Pinkerton, ELT_Delta Consultants Sacramento
David Sowle, Delta Consultants
Doug Umland, ELT_Delta Consultants San Jose
Ed Weyrens, ELT_Delta Consultants San Jose

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

CERTIFICATIONS

Project: 2611270 Mecartney
Pace Project No.: 254168

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108
Alaska CS Certification #: UST-025
Alaska Drinking Water VOC Certification #: WA01230
Alaska Drinking Water Micro Certification #: WA01230
California Certification #: 01153CA
Florida/NELAP Certification #: E87617
Oregon Certification #: WA200007
Washington Certification #: C1229

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

SAMPLE ANALYTE COUNT

Project: 2611270 Mecartney
Pace Project No.: 254168

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
254168001	**MW-5_20100730**	EPA 5030B/8260	LPM	16	PASI-S
		CA LUFT	LPM	2	PASI-S
254168002	**MW-6_20100730**	EPA 5030B/8260	LPM	16	PASI-S
		CA LUFT	LPM	2	PASI-S
254168003	**MW-7_20100730**	EPA 5030B/8260	LPM	16	PASI-S
		CA LUFT	LPM	2	PASI-S
254168004	**XW-1_20100730**	EPA 5030B/8260	LPM	16	PASI-S
		CA LUFT	LPM	2	PASI-S
254168005	**XW-2_20100730**	EPA 5030B/8260	LPM	16	PASI-S
		CA LUFT	LNH	2	PASI-S
254168006	**XW-3_20100730**	EPA 5030B/8260	LPM	16	PASI-S
		CA LUFT	LPM	2	PASI-S
254168007	**TB1_20100730**	EPA 5030B/8260	LPM	16	PASI-S
		CA LUFT	LPM	2	PASI-S

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: 2611270 Mecartney
Pace Project No.: 254168

Sample: MW-5_20100730 **Lab ID: 254168001** Collected: 07/06/10 12:35 Received: 07/07/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		07/10/10 05:56	994-05-8	
Benzene	ND	ug/L	0.50	1		07/10/10 05:56	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		07/10/10 05:56	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/10/10 05:56	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/10/10 05:56	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		07/10/10 05:56	108-20-3	
Ethanol	ND	ug/L	250	1		07/10/10 05:56	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		07/10/10 05:56	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		07/10/10 05:56	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/10/10 05:56	1634-04-4	
Toluene	ND	ug/L	0.50	1		07/10/10 05:56	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		07/10/10 05:56	1330-20-7	
4-Bromofluorobenzene (S)	87	%	80-120	1		07/10/10 05:56	460-00-4	
Dibromofluoromethane (S)	113	%	80-122	1		07/10/10 05:56	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	80-124	1		07/10/10 05:56	17060-07-0	
Toluene-d8 (S)	110	%	80-123	1		07/10/10 05:56	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		07/10/10 05:56		B-
4-Bromofluorobenzene (S)	87	%	82-116	1		07/10/10 05:56	460-00-4	

Sample: MW-6_20100730 **Lab ID: 254168002** Collected: 07/06/10 12:45 Received: 07/07/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		07/10/10 06:16	994-05-8	
Benzene	ND	ug/L	0.50	1		07/10/10 06:16	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		07/10/10 06:16	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/10/10 06:16	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/10/10 06:16	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		07/10/10 06:16	108-20-3	
Ethanol	ND	ug/L	250	1		07/10/10 06:16	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		07/10/10 06:16	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		07/10/10 06:16	637-92-3	
Methyl-tert-butyl ether	**1.0**	ug/L	0.50	1		07/10/10 06:16	1634-04-4	
Toluene	ND	ug/L	0.50	1		07/10/10 06:16	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		07/10/10 06:16	1330-20-7	
4-Bromofluorobenzene (S)	90	%	80-120	1		07/10/10 06:16	460-00-4	
Dibromofluoromethane (S)	114	%	80-122	1		07/10/10 06:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	115	%	80-124	1		07/10/10 06:16	17060-07-0	
Toluene-d8 (S)	111	%	80-123	1		07/10/10 06:16	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		07/10/10 06:16		B-

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: 2611270 Mecartney
Pace Project No.: 254168

Sample: MW-6_20100730 **Lab ID: 254168002** Collected: 07/06/10 12:45 Received: 07/07/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
CA LUFT MSV GRO	Analytical Method: CA LUFT							
4-Bromofluorobenzene (S)	90	%	82-116	1		07/10/10 06:16	460-00-4	

Sample: MW-7_20100730 **Lab ID: 254168003** Collected: 07/06/10 11:20 Received: 07/07/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		07/10/10 06:37	994-05-8	
Benzene	ND	ug/L	0.50	1		07/10/10 06:37	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		07/10/10 06:37	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/10/10 06:37	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/10/10 06:37	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		07/10/10 06:37	108-20-3	
Ethanol	ND	ug/L	250	1		07/10/10 06:37	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		07/10/10 06:37	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		07/10/10 06:37	637-92-3	
Methyl-tert-butyl ether	**0.75**	ug/L	0.50	1		07/10/10 06:37	1634-04-4	
Toluene	ND	ug/L	0.50	1		07/10/10 06:37	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		07/10/10 06:37	1330-20-7	
4-Bromofluorobenzene (S)	91	%	80-120	1		07/10/10 06:37	460-00-4	
Dibromofluoromethane (S)	119	%	80-122	1		07/10/10 06:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	118	%	80-124	1		07/10/10 06:37	17060-07-0	
Toluene-d8 (S)	107	%	80-123	1		07/10/10 06:37	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		07/10/10 06:37		B-
4-Bromofluorobenzene (S)	91	%	82-116	1		07/10/10 06:37	460-00-4	

Sample: XW-1_20100730 **Lab ID: 254168004** Collected: 07/06/10 12:20 Received: 07/07/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		07/10/10 03:31	994-05-8	
Benzene	ND	ug/L	0.50	1		07/10/10 03:31	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		07/10/10 03:31	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/10/10 03:31	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/10/10 03:31	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		07/10/10 03:31	108-20-3	
Ethanol	ND	ug/L	250	1		07/10/10 03:31	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		07/10/10 03:31	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		07/10/10 03:31	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/10/10 03:31	1634-04-4	
Toluene	ND	ug/L	0.50	1		07/10/10 03:31	108-88-3	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: 2611270 Mecartney
Pace Project No.: 254168

Sample: XW-1_20100730 **Lab ID: 254168004** Collected: 07/06/10 12:20 Received: 07/07/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Xylene (Total)	ND	ug/L	1.5	1		07/10/10 03:31	1330-20-7	
4-Bromofluorobenzene (S)	86	%	80-120	1		07/10/10 03:31	460-00-4	
Dibromofluoromethane (S)	115	%	80-122	1		07/10/10 03:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	80-124	1		07/10/10 03:31	17060-07-0	
Toluene-d8 (S)	106	%	80-123	1		07/10/10 03:31	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		07/10/10 03:31		B-
4-Bromofluorobenzene (S)	86	%	82-116	1		07/10/10 03:31	460-00-4	

Sample: XW-2_20100730 **Lab ID: 254168005** Collected: 07/06/10 10:35 Received: 07/07/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		07/10/10 06:57	994-05-8	
Benzene	ND	ug/L	0.50	1		07/10/10 06:57	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		07/10/10 06:57	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/10/10 06:57	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/10/10 06:57	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		07/10/10 06:57	108-20-3	
Ethanol	ND	ug/L	250	1		07/10/10 06:57	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		07/10/10 06:57	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		07/10/10 06:57	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/10/10 06:57	1634-04-4	
Toluene	ND	ug/L	0.50	1		07/10/10 06:57	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		07/10/10 06:57	1330-20-7	
4-Bromofluorobenzene (S)	90	%	80-120	1		07/10/10 06:57	460-00-4	
Dibromofluoromethane (S)	116	%	80-122	1		07/10/10 06:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	117	%	80-124	1		07/10/10 06:57	17060-07-0	
Toluene-d8 (S)	107	%	80-123	1		07/10/10 06:57	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		07/14/10 02:20		L3
4-Bromofluorobenzene (S)	91	%	82-116	1		07/14/10 02:20	460-00-4	

Sample: XW-3_20100730 **Lab ID: 254168006** Collected: 07/06/10 11:35 Received: 07/07/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		07/10/10 03:52	994-05-8	
Benzene	ND	ug/L	0.50	1		07/10/10 03:52	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		07/10/10 03:52	75-65-0	

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ANALYTICAL RESULTS

Project: 2611270 Mecartney
Pace Project No.: 254168

Sample: XW-3_20100730 **Lab ID: 254168006** Collected: 07/06/10 11:35 Received: 07/07/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/10/10 03:52	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/10/10 03:52	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		07/10/10 03:52	108-20-3	
Ethanol	ND	ug/L	250	1		07/10/10 03:52	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		07/10/10 03:52	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		07/10/10 03:52	637-92-3	
Methyl-tert-butyl ether	**0.92**	ug/L	0.50	1		07/10/10 03:52	1634-04-4	
Toluene	ND	ug/L	0.50	1		07/10/10 03:52	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		07/10/10 03:52	1330-20-7	
4-Bromofluorobenzene (S)	89	%	80-120	1		07/10/10 03:52	460-00-4	
Dibromofluoromethane (S)	119	%	80-122	1		07/10/10 03:52	1868-53-7	
1,2-Dichloroethane-d4 (S)	118	%	80-124	1		07/10/10 03:52	17060-07-0	
Toluene-d8 (S)	106	%	80-123	1		07/10/10 03:52	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		07/10/10 03:52		B-
4-Bromofluorobenzene (S)	89	%	82-116	1		07/10/10 03:52	460-00-4	

Sample: TB1_20100730 **Lab ID: 254168007** Collected: 07/06/10 08:00 Received: 07/07/10 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		07/10/10 03:10	994-05-8	
Benzene	ND	ug/L	0.50	1		07/10/10 03:10	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		07/10/10 03:10	75-65-0	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/10/10 03:10	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/10/10 03:10	107-06-2	
Diisopropyl ether	ND	ug/L	0.50	1		07/10/10 03:10	108-20-3	
Ethanol	ND	ug/L	250	1		07/10/10 03:10	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		07/10/10 03:10	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		07/10/10 03:10	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		07/10/10 03:10	1634-04-4	
Toluene	ND	ug/L	0.50	1		07/10/10 03:10	108-88-3	
Xylene (Total)	ND	ug/L	1.5	1		07/10/10 03:10	1330-20-7	
4-Bromofluorobenzene (S)	88	%	80-120	1		07/10/10 03:10	460-00-4	
Dibromofluoromethane (S)	116	%	80-122	1		07/10/10 03:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	116	%	80-124	1		07/10/10 03:10	17060-07-0	
Toluene-d8 (S)	110	%	80-123	1		07/10/10 03:10	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		07/10/10 03:10		B-
4-Bromofluorobenzene (S)	88	%	82-116	1		07/10/10 03:10	460-00-4	

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QUALITY CONTROL DATA

Project: 2611270 Mecartney
Pace Project No.: 254168

QC Batch: MSV/2644 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 254168001, 254168002, 254168003, 254168004, 254168005, 254168006, 254168007

METHOD BLANK: 33021 Matrix: Water
Associated Lab Samples: 254168001, 254168002, 254168003, 254168004, 254168005, 254168006, 254168007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/10/10 01:06	
1,2-Dichloroethane	ug/L	ND	1.0	07/10/10 01:06	
Benzene	ug/L	ND	0.50	07/10/10 01:06	
Diisopropyl ether	ug/L	ND	0.50	07/10/10 01:06	
Ethanol	ug/L	ND	250	07/10/10 01:06	
Ethyl-tert-butyl ether	ug/L	ND	0.50	07/10/10 01:06	
Ethylbenzene	ug/L	ND	0.50	07/10/10 01:06	
Methyl-tert-butyl ether	ug/L	ND	0.50	07/10/10 01:06	
tert-Amylmethyl ether	ug/L	ND	0.50	07/10/10 01:06	
tert-Butyl Alcohol	ug/L	ND	5.0	07/10/10 01:06	
Toluene	ug/L	ND	0.50	07/10/10 01:06	
Xylene (Total)	ug/L	ND	1.5	07/10/10 01:06	
1,2-Dichloroethane-d4 (S)	%	116	80-124	07/10/10 01:06	
4-Bromofluorobenzene (S)	%	91	80-120	07/10/10 01:06	
Dibromofluoromethane (S)	%	116	80-122	07/10/10 01:06	
Toluene-d8 (S)	%	105	80-123	07/10/10 01:06	

LABORATORY CONTROL SAMPLE: 33022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	19.0	95	78-117	
1,2-Dichloroethane	ug/L	20	19.8	99	73-127	
Benzene	ug/L	20	18.5	93	75-124	
Diisopropyl ether	ug/L	20	22.8	114	69-130	
Ethanol	ug/L	400	555	139	36-177	
Ethyl-tert-butyl ether	ug/L	20	22.7	114	67-131	
Ethylbenzene	ug/L	20	20.9	105	76-124	
Methyl-tert-butyl ether	ug/L	20	25.4	127	72-130	
tert-Amylmethyl ether	ug/L	20	23.0	115	67-132	
tert-Butyl Alcohol	ug/L	100	121	121	36-164	
Toluene	ug/L	20	20.8	104	75-124	
Xylene (Total)	ug/L	60	61.9	103	76-123	
1,2-Dichloroethane-d4 (S)	%			113	80-124	
4-Bromofluorobenzene (S)	%			91	80-120	
Dibromofluoromethane (S)	%			110	80-122	
Toluene-d8 (S)	%			116	80-123	

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QUALITY CONTROL DATA

Project: 2611270 Mecartney
Pace Project No.: 254168

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 33322 33323

Parameter	Units	254167004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.8	19.5	94	98	78-117	4	
1,2-Dichloroethane	ug/L	ND	20	20	20.3	20.4	102	102	73-127	.3	
Benzene	ug/L	ND	20	20	19.4	19.7	97	98	75-124	1	
Diisopropyl ether	ug/L	ND	20	20	23.0	23.2	115	116	69-130	.8	
Ethanol	ug/L	ND	400	400	471	559	118	140	36-177	17	
Ethyl-tert-butyl ether	ug/L	ND	20	20	22.5	23.2	112	116	67-131	3	
Ethylbenzene	ug/L	ND	20	20	22.3	21.7	111	108	76-124	3	
Methyl-tert-butyl ether	ug/L	0.57	20	20	25.6	26.2	125	128	72-130	2	
tert-Amylmethyl ether	ug/L	ND	20	20	23.2	24.0	116	120	67-132	3	
tert-Butyl Alcohol	ug/L	ND	100	100	121	126	121	126	36-164	4	
Toluene	ug/L	ND	20	20	21.7	21.3	109	107	75-124	2	
Xylene (Total)	ug/L	ND	60	60	64.4	63.6	107	106	76-123	1	
1,2-Dichloroethane-d4 (S)	%						107	113	80-124		
4-Bromofluorobenzene (S)	%						88	90	80-120		
Dibromofluoromethane (S)	%						109	110	80-122		
Toluene-d8 (S)	%						118	117	80-123		

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QUALITY CONTROL DATA

Project: 2611270 Mecartney
Pace Project No.: 254168

QC Batch: MSV/2645 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 254168001, 254168002, 254168003, 254168004, 254168006, 254168007

METHOD BLANK: 33045 Matrix: Water
Associated Lab Samples: 254168001, 254168002, 254168003, 254168004, 254168006, 254168007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	58.4	50.0	07/10/10 01:06	B-
4-Bromofluorobenzene (S)	%	91	82-116	07/10/10 01:06	

LABORATORY CONTROL SAMPLE: 33046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	560	112	60-140	
4-Bromofluorobenzene (S)	%			92	82-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 33334 33335

Parameter	Units	254233001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	ug/L				22600	23600				4	E,M0
4-Bromofluorobenzene (S)	%						91	96	82-116		

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QUALITY CONTROL DATA

Project: 2611270 Mecartney
Pace Project No.: 254168

QC Batch: MSV/2674
QC Batch Method: CA LUFT
Analysis Method: CA LUFT
Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 254168005

METHOD BLANK: 33386 Matrix: Water
Associated Lab Samples: 254168005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	ND	50.0	07/13/10 21:50	
4-Bromofluorobenzene (S)	%	92	82-116	07/13/10 21:50	

LABORATORY CONTROL SAMPLE: 33387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	1100	219	60-140	L3
4-Bromofluorobenzene (S)	%			95	82-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 33388 33389

Parameter	Units	254199007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	ug/L	ND	500	500	788	665	149	125	60-140	17	M0
4-Bromofluorobenzene (S)	%						97	96	82-116		

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QUALIFIERS

Project: 2611270 Mecartney
Pace Project No.: 254168

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-S	Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

B-	Analyte detected in method blank but was not detected in the associated samples.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2611270 Mecartney
Pace Project No.: 254168

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
254168001	**MW-5_20100730**	EPA 5030B/8260	MSV/2644		
254168002	**MW-6_20100730**	EPA 5030B/8260	MSV/2644		
254168003	**MW-7_20100730**	EPA 5030B/8260	MSV/2644		
254168004	**XW-1_20100730**	EPA 5030B/8260	MSV/2644		
254168005	**XW-2_20100730**	EPA 5030B/8260	MSV/2644		
254168006	**XW-3_20100730**	EPA 5030B/8260	MSV/2644		
254168007	**TB1_20100730**	EPA 5030B/8260	MSV/2644		
254168001	**MW-5_20100730**	CA LUFT	MSV/2645		
254168002	**MW-6_20100730**	CA LUFT	MSV/2645		
254168003	**MW-7_20100730**	CA LUFT	MSV/2645		
254168004	**XW-1_20100730**	CA LUFT	MSV/2645		
254168005	**XW-2_20100730**	CA LUFT	MSV/2674		
254168006	**XW-3_20100730**	CA LUFT	MSV/2645		
254168007	**TB1_20100730**	CA LUFT	MSV/2645		

- 254168

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # 1 of 1

DELTA

Required Lab Information:

Lab Name:	Pace-Seattle
Address:	940 S. Harney Street Seattle WA 98108
Lab PM:	Regina Ste. Marie
Phone/Fax:	P: 206-957-2433 F: 206-767-5063
Lab PM email	Regina.SteMarie@pacelabs.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	2611270
Task:	WG_A_201007
Delta project #	
Site Address	3255 MECARTNEY
City	ALAMEDA
State	CA 94502
Delta PM Name	Lia Holden
Phone/Fax:	P: 408-826-1863 F: 408-225-8506
Delta PM Email:	lholden@deltaenv.com

Required Invoice Information:

Send Invoice to:	David Sowle
Address:	11050 White Rock Road, Suite 110
City/State	Rancho Cordova CA 95670
Phone #:	1-800-477-7411
Reimbursement project?	
Non-reimbursement project?	Y
Mark one	
Send EDD to	copeltdata@intelligentehs.com
CC Hardcopy report to	
CC Hardcopy report to	

22084/L1 & L2

3Q10 GW Event

Turn around time (days)	10
QC level Required: Standard	
Special	
Mark one	
NJ Reduced Deliverable Package?	
MA MCP Cert?	
CT RCP Cert?	
Mark One	
Lab Project ID (lab use)	

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER QC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	RINSEATE	WH
OIL	OL	OTHER	OT
WIPE	SW	ANIMAL TISSUE	TA
AMBIENT AIR	AA		
SVE AIR	AE		
SOIL GAS	GS		

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 8260 GC/MS GRO	8260B/MTBE/TOxy/CA	Comments/Lab Sample I.D.
1	MW-5_20100730	WG	G	7/6/10	1235	6	N				6					X	X	
2	MW-6_20100730	WG			1245	6	N				6					X	X	
3	MW-7_20100730	WG			1120	6	N				6					X	X	
4	XW-1_20100730	WG			1220	6	N				6					X	X	
5	XW-2_20100730	WG			1035	10	N				10					X	X	
6	XW-3_20100730	WG			1135	6	N				6					X	X	7 OXYs = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB and ethanol
7	TB1_20100730	W			0800	4	N				4					X	X	
8																		
9																		
10																		
11																		
12																		

Additional Comments/Special Instructions:

GLOBAL ID: T0600101198

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	7/6/10	1545		7/6/10	1545
	7/6/10	1600	Courier/PACE	7/7/10	1000

Sample Receipt Conditions

Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
	Y/N	Y/N	Y/N
.6	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SHIPPING METHOD: (mark as appropriate) UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J. Hoover

SIGNATURE of SAMPLER:

DATE Signed 7/6/10 Time: 1600

Inogen Environmental Alliance

Sample Container Count

CLIENT: DeHal Blaine Tech

Pace Analytical™ www.pacelabs.com

COC PAGE 1 of 1

COC ID# _____

Sample Line Item	VG9H	AG1H	AG1U	BG1H	BP1U	BP2U	BP3U	BP2N	BP2S	WGFU	WGKU				Comments
1	6														
2	↓														
3															
4	↓														
5	10														
6	6														
7	4														Trip Blank
8															
9															
10															
11															
12															Trip Blank?

AG1H	1 liter HCL amber glass		BP2S	500mL H2SO4 plastic		JGFU	4oz unpreserved amber wide
AG1U	1liter unpreserved amber glass		BP2U	500mL unpreserved plastic		R	terra core kit
AG2S	500mL H2SO4 amber glass		BP2Z	500mL NaOH, Zn Ac		U	Summa Can
AG2U	500mL unpreserved amber glass		BP3C	250mL NaOH plastic		VG9H	40mL HCL clear vial
AG3S	250mL H2SO4 amber glass		BP3N	250mL HNO3 plastic		VG9T	40mL Na Thio. clear vial
BG1H	1 liter HCL clear glass		BP3S	250mL H2SO4 plastic		VG9U	40mL unpreserved **clear** vial
BG1U	1 liter unpreserved glass		BP3U	250mL unpreserved plastic		VG9W	40mL glass vial preweighted (EPA 5035)
BP1N	1 liter HNO3 plastic		DG9B	40mL Na Bisulfate amber vial		VSG	Headspace septa vial & HCL
BP1S	1 liter H2SO4 plastic		DG9H	40mL HCL amber voa vial		WGFU	4oz clear soil jar
BP1U	1 liter unpreserved plastic		DG9M	40mL MeOH clear vial		WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac		DG9T	40mL Na Thio amber vial		ZPLC	Ziploc Bag
BP2N	500mL HNO3 plastic		DG9U	40mL unpreserved **amber** vial			
BP2O	500mL NaOH plastic		I	Wipe/Swab			

Sample Condition Upon Receipt

Pace Analytical

Client Name: Delta / Blaine Tech Project # 254168

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 8715 0606 5405

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: Horiba 132013 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 0.6 Biological Tissue is Frozen: Yes No

Date and initials of person examining contents: 7/7/10 AR

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: RSM **Date:** 07/07/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

COP-ELT Well-Head Inspection & Well Gauging Form

Project No: 26011270 **Site Address:** 3255 MECARTNEY RD

Field Technician: J. PARKER **Date:** 7/6/10 **Weather:** OVERCAST

Well Condition									Gauging Information					
Sample Order	Field Point	Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Time	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
	MW-5	P	P	P	G	G	N	4	0910	8.35	14.65	–	–	2/2 BOLTS MISSING LOCK REPLACED
	MW-6	N/A	P	P	G	G	N	4	0930	6.81	14.77	–	–	TWIST-LOCK TYPE WELL BOX. NON SECURABLE. LOCK REPLACED
	MW-7	P	P	P	G	G	N	2	0920	7.71	14.71	–	–	1/2 BOLTS MISSING LOCK REPLACED
	XW-1	P	P	P	G	G	N	2	0900	5.71	15.58	–	–	2/2 TABS STRIPPED
	XW-2	P	P	P	G	G	N	2	0905	6.54	14.50	–	–	2/2 TABS STRIPPED
	XW-3	P	P	P	G	G	N	2	0925	7.43	13.86	–	–	1/2 BOLTS BROKEN

Notes: Water level meter decontaminated with Hotsy pressure washer and liquinox prior to and between gauging

DELTA

Note: Use G=good and P=poor for well condition

COP-ELT Groundwater Sampling Form

Site Address:	3255 MECARTNEY RD.		
Project No:	261270	Field Technician:	J. PARKER
Field Point:	MW-5	Date:	7/6/10
Depth to Water (DTW) (ft bgs):	8.35	Well Diameter (in):	2 (4) 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	14.65	Water Column Height (ft):	6.30

Purging Info and Calculations:

Purge Method:

Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 6.30 X Conversion Factor (gal/ft): 0.66 = Casing Volume (gal): 4.2

Casing Volume (gal): 4.2 X Specified Volumes: 3 = Calculated Purge (gal): 12.6

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0958 **Stop Time:** 1001

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
1000	18.70	6.55	8904	24.9	>1000	2.61	2.1	
1001	19.18	6.79	11458	19.1	11	1.66	4.2	
1235	19.86	7.12	10162	12.2	17	1.70	—	
Post-Purge				—		—		

Did Well dewater? (Yes) No Total Purge volume (gal): 4.2

Other Comments: 80% @ 961 ; DTW: 8.38

Sample Info:

Sample ID: MW5_20100730 Sample Date and Time: 7/6/10 @ 1235

Selected Analysis: SEE COC

Signature: _____ Date: 7/6/10

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

COP[illegible]LT Groundwater Sampling [illegible]orm

Site Address:	3255 MECARTNEY RD.		
Project No:	26112270	Field Technician:	J.PARKER
Field Point:	MW-6	Date:	7/6/10
Depth to Water (DTW) (ft bgs):	6.81	Well Diameter (in):	2 (4) 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	14.77	Water Column Height (ft):	7.96

Purging Info and Calculations:

Purge Method:
Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 7.96 X Conversion Factor (gal/ft): 0.66 = Casing Volume (gal): 5.3

Casing Volume (gal): 5.3 X Specified Volumes: 3 = Calculated Purge (gal): 15.9

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 1146 Stop Time: 1152

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
1148	19.33	6.96	1091	-39.9	129	0.80	2.7	
1150	20.54	6.63	883	-17.5	61	0.66	5.4	
1152	20.42	6.87	1025	-20.6	20	0.53	8.1	
1245	19.08	7.14	1462	-48.6	19	1.58	—	
Post-Purge				—		—		

Did Well dewater? (Yes) No Total Purge volume (gal): 9.0

Other Comments: 80% @ 8.40 ; DTW: 8.37

Sample Info:

Sample ID: MW-6_20100730 Sample Date and Time: 7/6/10 @ 1245

Selected Analysis: SEE COC

Signature: _____ Date: 7/6/10

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

COP LT Groundwater Sampling rm

Site Address:	3255 MECARTNEY RD.		
Project No:	2611270	Field Technician:	J.PARKER
Field Point:	MW-7	Date:	7/6/10
Depth to Water (DTW) (ft bgs):	7.71	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	14.71	Water Column Height (ft):	7.0

Purging Info and Calculations:

Purge Method:

Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 7.00 X Conversion Factor (gal/ft): 0.17 = Casing Volume (gal): 1.2

Casing Volume (gal): 1.2 X Specified Volumes: 3 = Calculated Purge (gal): 3.6

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1108 **Stop Time:** 1114

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
1109	19.63	6.78	24397	-24.5	95	1.21	0.6	
1110	19.48	6.77	24804	-23.4	119	1.19	1.2	
1111	18.91	6.80	24297	-23.4	109	1.65	1.8	
1112	18.75	6.92	18312	-30.7	116	1.07	2.4	
1113	18.80	6.98	16416	-34.6	48	0.96	3.0	
1114	18.79	7.00	18381	-34.8	56	0.98	3.6	
Post-Purge				—		—		

Did Well dewater? Yes (No) Total Purge volume (gal): 3.6

Other Comments: 80% @ 9.11 ; DTW: 7.83

Sample Info:

Sample ID:	MW-7_20100730	Sample Date and Time:	7/6/10 @ 1120
Selected Analysis:	SEE COC		

Signature: _____ Date: 7/6/10

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

COP DELT Groundwater Sampling Form

Site Address:	3255 MECARTNEY RD.		
Project No:	26112270	Field Technician:	J.PARKER
Field Point:	XW-1	Date:	7/6/10
Depth to Water (DTW) (ft bgs):	5.71	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	15.58	Water Column Height (ft):	9.87

Purging Info and Calculations:

Purge Method:
Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 9.87 X Conversion Factor (gal/ft): 0.17 = Casing Volume (gal): 1.7

Casing Volume (gal): 1.7 X Specified Volumes: 3 = Calculated Purge (gal): 5.1

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 1206 Stop Time: 1212

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
1207	19.96	6.99	1092	-1.8	13	0.92	0.9	
1208	20.24	6.98	1130	-3.9	11	1.93	1.8	
1209	18.90	6.85	1714	-4.4	175	0.79	2.7	
1210	18.43	6.89	1732	-25.1	89	0.70	3.6	
1211	18.38	6.89	1740	-29.4	87	0.71	4.5	
1212	18.26	6.87	1747	-27.3	49	0.72	5.4	
Post-Purge				—		—		

Did Well dewater? Yes (No) Total Purge volume (gal): 5.4

Other Comments: 80% @ 7.68 ; DTW: 7.56

Sample Info:

Sample ID: XW-1 - 20100730 Sample Date and Time: 7/6/10 @ 1220

Selected Analysis: SEE COC

Signature: _____ Date: 7/6/10

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

COP DELT Groundwater Sampling Form

Site Address:	3255 MECARTNEY RD.		
Project No:	26112270	Field Technician:	J. PARKER
Field Point:	XW-2	Date:	7/6/10
Depth to Water (DTW) (ft bgs):	6.54	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	14.50	Water Column Height (ft):	7.96

Purging Info and Calculations:

Purge Method:
Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 7.96 X Conversion Factor (gal/ft): 0.17 = Casing Volume (gal): 1.4

Casing Volume (gal): 1.4 X Specified Volumes: 3 = Calculated Purge (gal): 4.2

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1018 **Stop Time:** 1024

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
1019	19.21	6.89	12195	27.1	11	1.42	0.7	
1020	18.82	6.90	7998	3.2	12	1.74	1.4	
1021	19.66	6.99	2288	-53.1	86	1.39	2.1	
1022	20.61	6.96	2289	-69.8	51	1.49	2.8	
1023	20.65	6.99	2296	-71.4	82	1.50	3.5	
1024	20.70	7.03	2306	-73.1	63	1.51	4.2	
Post-Purge				—		—		

Did Well dewater? Yes No Total Purge volume (gal): 4.2

Other Comments: 80% @ 8.13 ; DTW: 8.12

MS/MSD TAKEN

Sample Info:

Sample ID: XW-2_20100730 Sample Date and Time: 7/6/10 @ 1035

Selected Analysis: SEE COC

Signature: _____ Date: 7/6/10

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

COP LT Groundwater Sampling rm

Site Address:	3255 MECARTNEY RD.		
Project No:	2611270	Field Technician:	J.PARKER
Field Point:	XW-3	Date:	7/6/10
Depth to Water (DTW) (ft bgs):	7.43	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	13.82	Water Column Height (ft):	6.39

Purging Info and Calculations:

Purge Method:
Low-Flow
X 3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
X Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
X Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft): 6.39 X Conversion Factor (gal/ft): 0.17 = Casing Volume (gal): 1.1

Casing Volume (gal): 1.1 X Specified Volumes: 3 = Calculated Purge (gal): 3.3

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1100 **Stop Time:** 1102

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		—		
1101	20.11	7.06	2300	-36.0	78	1.27	0.6	
1102	19.85	7.08	2348	-61.7	130	0.83	1.2	
~~1103~~							~~1.8~~	
1135	20.01	7.01	19368	22.2	100	1.24		
Post-Purge				—		—		

Did Well dewater? (Yes) No Total Purge volume (gal): 1.5

Other Comments: 80% @ 8.71 ; DTW: 7.44

Sample Info:

Sample ID: XW-3_20100730 Sample Date and Time: 7/6/10 @ 1135

Selected Analysis: SEE COC

Signature: _____ Date: 7/6/10

DELTA Consultants, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

DELTA

DELTA

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ____ of ____

Required Lab Information:

Lab Name:	Pace-Seattle
Address:	940 S. Harney Street Seattle WA 98108
Lab PM:	Regina Ste. Marie
Phone/Fax:	P: 206-957-2433 F: 206-767-5063
Lab PM email	Regina.SteMarie@pacelabs.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	2611270
Task:	WG_A_201007
Delta project #	
Site Address	3255 MECARTNEY
City	ALAMEDA
State	CA 94502
Delta PM Name	Lia Holden
Phone/Fax:	P: 408-826-1863 F: 408-225-8506
Delta PM Email:	lholden@deltaenv.com

Required Invoice Information:

Send Invoice to:	David Sowle
Address:	11050 White Rock Road, Suite 110
City/State	Rancho Cordova CA 95670
Phone #:	1-800-477-7411
Reimbursement project?	
Non-reimbursement project?	Y
Send EDD to	copeltdata@intelligentehs.com
CC Hardcopy report to	
CC Hardcopy report to	

3Q10 GW Event

Turn around time (days)	10			
QC level Required: Standard		Special		Mark one
NJ Reduced Deliverable Package?				
MA MCP Cert?		CT RCP Cert?		Mark One
Lab Project ID (lab use)				

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER QC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	RINSEATE	WH
OIL	OIL	OTHER	OT
WIPE	SW	ANIMAL TISSUE	TA
AMBIENT AIR	AA		
SVE AIR	AE		
SOIL GAS	GS		

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 8260 GC/MS GRO	8260Blex/MTBE/TOX/DCA	Comments/Lab Sample I.D.
1	MW-5_20100730	WG	G	7/6/10	1235	6	N				6					X	X	
2	MW-6_20100730	WG			1245	6	N				6					X	X	
3	MW-7_20100730	WG			1120	6	N				6					X	X	
4	XW-1_20100730	WG			1220	6	N				6					X	X	
5	XW-2_20100730	WG			1035	10	N				10					X	X	
6	XW-3_20100730	WG			1135	6	N				6					X	X	7 OXYs = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB and ethanol
7	TB1_20100730	W			1200	4	N				4					X	X	
8																		
9																		
10																		
11																		
12																		

COPY

Additional Comments/Special Instructions:

GLOBAL ID: T0600101198

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	7/6/10	1545		7/6/10	1545
	7/6/10	1600			

SHIPPING METHOD: (mark as appropriate) UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J. TRACKER

SIGNATURE of SAMPLER:

DATE Signed 7/6/10 Time: 1600

Sample Receipt Conditions

	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?

Inogen Environmental Alliance

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME COP @ ALAMEDA				PROJECT NUMBER 261270			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 556	09B100592	7/6/10	PH 7|10|4 COND. 3900	7.01|9.95|4.15 3893	YES	24.08	JP
			DO 100% ORP. 235	94.7% 235.2			

Is the Data Valid? (circle) Yes / No

Preservation Temperature (if Known): 0.6 °C

Delta Lab Validation Sheet

Project/Client: CoP ELT
Project #: 1461270
Date of Validation: 9/14/10 Date of Analysis: 7/10/10-7/11 Sample Date: 7/6/10
Completed By: Evan C. Signature: Evan Chastain
Analytical Lab Used and Report # (if any): PACE - #254168

	Circle or Highlight Yes/No below
1. Was the analysis the one requested?	Yes / No
2. Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes / No
3. Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes / No
4. Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes / No
5. Were Laboratory blanks performed, if so, were they below non-detect?	Yes / No
6. Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes / No
7. Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / No
8. In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples? N/A	Yes / No
9. Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)? All within appropiate limits except for TPH-GRO in MS/MSD 33383/33384, LCS Recovery also outside of control limits, according to lab, results are unaffected.	Yes / No
10. Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes / No
11. Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes / No

If any answer is no, explain why and what corrective action was taken:

5) Lab Qualifier B- ; Analyte detected in method blank but was not detected in associated samples (therefor no further action required) - method blank TPH-GRO-sample

Attachment C

Recent Correspondence

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

July 22, 2010

Paul Supple (*Sent via E-mail to: paul.supple@bp.com*)
Atlantic Richfield Company
(A BP Affiliated Company)
P.O. Box 1257
San Ramon, CA 94583

Eric G. Hetrick (*Sent via E-mail to: Eric.G.Hetrick@contractor.conocophillips.com*)
ConocoPhillips
76 Broadway
Sacramento, CA 95818

Ping Liu Chien (*Sent via E-mail to: JamesLiu2000@aol.com*)
Harbor Bay Landing, LLC.
P.O. Box 117610
Burlingame, CA 94011

Subject: Additional Soil Vapor Sampling Event for Fuel Leak Case No. RO0000511 and GeoTracker Global ID T0600101198, BP #11270, 3255 Mecartney Road, Alameda, CA 94501

Dear Messrs. Supple, Grayson, and Chien:

Thank you for the recently submitted document entitled, "Site Assessment Report," dated February 22, 2010 and the "Request for Case Closure," dated July 7, 2010, both prepared by Delta for the subject site. Alameda County Environmental Health (ACEH) staff has reviewed the case file including the above-mentioned reports for the above-referenced site. The above-mentioned reports summarize installation of five soil vapor wells (SV-1 through SV-5) as well as soil and soil vapor sample analytical results. According to Delta, soil vapor sample analytical results were below Regional Water Quality Control Board's Environmental Screening Levels for commercial land-use risk scenario and subsequently requests case closure for the subject site.

ACEH generally concurs with the Delta's case closure recommendation. However, to adequately evaluate potential subsurface contaminant volatilization to indoor air, ACEH requests that you address the following technical comments, perform the proposed work, and send us the technical report described below.

TECHNICAL COMMENTS

1. **Soil Vapor Sampling** – Since the data collected detected petroleum hydrocarbons in soil vapor, and there appears to be a potential for contaminant vapor intrusion at the site, an additional round of soil vapor samples are necessary to adequately evaluate the potential risk

to occupants of the building, prior to case closure consideration. It is recommended that soil vapor samples be collected over two seasonal events at various times of the day so that the samples collected are adequately representative of actual site conditions. Also, please ensure that laboratory detection limits are below the contaminant's corresponding ESL. Please perform the second sampling event and submit a report due by the date specified below.

Case closure evaluation will be considered based on the pending additional soil vapor sampling data.

NOTIFICATION OF FIELDWORK ACTIVITIES

Please schedule and complete the fieldwork activities by the date specified below and provide ACEH with at least three (3) business days notification prior to conducting the fieldwork.

TECHNICAL REPORT REQUEST

Please submit technical reports to ACEH (Attention: Paresh Khatri), according to the following schedule:

- **September 20, 2010** – Soil and Water Investigation Report (Second Soil Vapor Sampling Event)

Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please call me at (510) 777-2478 or send me an electronic mail message at paresh.khatri@acgov.org.

Sincerely,

Digitally signed by Paresh Khatri
DN: cn=Paresh Khatri, o=Alameda County Environmental Health, ou=Local Oversight Program, email=Paresh.Khatri@acgov.org, c=US
Date: 2010.07.22 15:27:11 -07'00'

Paresh C. Khatri
Hazardous Materials Specialist

Enclosure: Responsible Party(ies) Legal Requirements/Obligations
ACEH Electronic Report Upload (ftp) Instructions

cc: Dennis S. Dettloff, Delta, 11050 White Rock Road, Suite 110, Rancho Cordova, CA 95670
Tony Perini, Delta, 11050 White Rock Road, Suite 110, Rancho Cordova, CA 95670
Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Paresh Khatri, ACEH (*Sent via E-mail to: paresh.khatri@acgov.org*)
GeoTracker
File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**REVISION DATE:** July 20, 2010
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.**
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Submission Instructions

1) Obtain User Name and Password:
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to dehloptoxic@acgov.org
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for.**

2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site.
   b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload.** (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
   d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

Responsible Party(ies) Legal Requirements/Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

From: Khatri, Paresh, Env. Health
To: Lia Holden;
Subject: RE: Request for Extension - RO 000511 3255 Mecartney Road, Alameda, BP 11270
Date: Friday, September 03, 2010 8:24:11 AM

Dear Ms. Holden,

Under the circumstances presented in your e-mail correspondence, the revised due date is acceptable.

Sincerely,

Paresh C. Khatri
Hazardous Materials Specialist
Alameda County Environmental Health
Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Phone: (510) 777-2478
Fax: (510) 337-9335

E-mail: Paresh.Khatri@acgov.org

http://www.acgov.org/aceh/lop/lop.htm

From: Lia Holden [mailto:LHolden@deltaenv.com]
Sent: Thursday, September 02, 2010 12:19 PM
To: Khatri, Paresh, Env. Health
Subject: Request for Extension - RO 000511 3255 Mecartney Road, Alameda, BP 11270

Dear Mr. Khatri,
As you are aware, Delta had conducted soil gas sampling at the subject site on Friday August 27, 2010. This sampling was conducted per your directive letter received on July 27, 2010 and dated July 22, 2010. Helium was used as a leak tracer during the sampling. At the time the canisters were ordered from the laboratory, Delta informed the laboratory (in writing) of our need to analyze for helium. Delta was to receive the data from the sampling event today, but received a call yesterday evening from the lab. Our contracted

lab has made an irreparable error; the lab pressurized the Summa canisters with helium, which has invalidated all of the samples.

We have scheduled the resampling to occur on **Thursday, September 9, 2010**.

As we are now required to repeat the sampling event, Delta respectfully requests an extension of the September 20th deadline, to **November 12, 2010**. This additional time will allow for the resampling, laboratory sample analysis, data evaluation, and report preparation.

Your consideration is greatly appreciated,

Lia

Lia Holden, PG | Geologist - Project Manager | North American Operations
Delta Consultants, an Oranjewoud N.V. Company
Direct (408) 826-1863 | Fax (408) 225 8506 | Mobile (408) 410-9781 | USA Toll Free 800 477 7411
lholden@deltaenv.com | www.deltaenv.com