



May 31, 2005

Mr. Amir Gholami
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94501

Subject: 796 66th Avenue
Oakland, CA
AEI Project No. 5526
ACHCSA Case No. RO0002449

Alameda County
JUN 06 2006
Environmental Health

Dear Mr. Gholami:

Enclosed is the Groundwater Monitoring Report prepared by AEI on behalf of Cruise America, Inc. for the 2nd Quarter 2006 monitoring at the above referenced property.

I can be reached at (925) 283-6000, extension 132, or at aangel@aeiconsultants.com if you have any questions or would like to discuss this site.

Sincerely,
AEI Consultants

Adrian Angel
Project Geologist

202449

May 31, 2006

GROUNDWATER MONITORING REPORT
2nd Quarter, 2006

796 66th Avenue
Oakland, California 94621

AEI Project No. 110566
ACHCSA Case No. RO0002449

Prepared For

Cruise America, Inc.
11 West Hampton Avenue
Mesa, AZ 85210

Prepared By

AEI Consultants
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597
(925) 283-6000

Environmental Health

JUN 06 2006

Alameda County

AEI



May 31, 2006

Mr. Cory Kauffman
Cruise America, Inc.
11 West Hampton Avenue
Mesa, AZ 85210

**Subject: Quarterly Groundwater Monitoring Report
2nd Quarter, 2006**
796 66th Avenue
Oakland, California
AEI Project No. 110566
ACHCSA Case No. RO0002449

Dear Mr. Kauffman:

AEI Consultants (AEI) has prepared this report on behalf of Cruise America, Inc. to document to groundwater monitoring activities performed at the above referenced site (Figure 1: Site Location Map). The mitigation and monitoring has been required by the Alameda County Health Care Services Agency (ACHCSA) to document groundwater quality associated with the release of gasoline fuel from the former underground storage tank (UST) located on the property. This report documents the monitoring and sampling event conducted during the 2nd Quarter 2006 on April 10, 2006.

I Background

The site is currently occupied by Cruise America, a recreational vehicle (RV) rental facility. The property is approximately five acres in size. Currently, two buildings exist on the site, surrounded by paved vehicle storage areas. The buildings consist of an office building located on the eastern side of the property and a service building located centrally on the property. Cruise America acquired the property from McGuire Huster in August 1988.

In July 2001, AEI performed a Phase II investigation on the site that included advancing six (6) soil borings (SB-1 through SB-6). The investigation was performed to assess whether the soil or groundwater beneath the site was impacted by two former UST locations on the property (Figure 2). Although low concentrations of Total Petroleum Hydrocarbons as gasoline (TPH-g) and diesel (TPH-d) were reported in the groundwater beneath the site, high levels of Methyl tertiary-Butyl Ether (MTBE) were detected in boring SB-1.

In September of 2001, AEI advanced five (5) additional soil borings (SB-7 through SB-11) in order to determine the source of the high levels of MTBE found in SB-1. Samples collected from SB-7 and SB-8 did not contain MTBE above laboratory reporting limits. MTBE

concentrations ranged from 630 micrograms per liter ($\mu\text{g/L}$) in SB-9 to 13,000 $\mu\text{g/L}$ in SB-10. These data indicated a leak in the remaining 10,000-gallon gasoline UST on the southern portion of the property as the most likely source of the MTBE.

AEI removed the 10,000-gallon gasoline UST in November of 2001. Concentrations of TPH-g in four of the five soil samples ranged from 4.1 milligrams per kilogram (mg/kg) to 280 mg/kg . Concentrations of MTBE and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) were also detected in the five soil samples. The highest concentrations of MTBE and Benzene detected in the soil during the tank removal were 53 mg/kg and 13 mg/kg , respectively, detected along the southern and eastern sidewalls of the excavation at approximately 6.5 feet below ground surface (bgs). Elevated concentrations of TPH-g and MTBE were present in the groundwater sample at concentrations of 44,000 $\mu\text{g/L}$ and 42,000 $\mu\text{g/L}$, respectively.

Following removal of the tank, the ACHCSA requested further investigation of the release from the 10,000 gallon UST. On September 6, 2002, six (6) soil borings (SB-12 through SB-17) were advanced. The data from these soil borings was used to determine the placement of five (5) groundwater monitoring wells, which were installed on September 19, 2002. These five wells have been monitored on a quarterly basis since installation. The locations of these borings and wells are shown on Figures 2 and 3.

Based on the findings of the investigation and monitoring activities, the ACHCSA required that corrective action be undertaken. AEI prepared and submitted an *Interim Corrective Action Plan*, dated April 5, 2004, outlining an evaluation and scope of work to implement a treatment program for the release. A sparging system was installed around the release area in July 2004, major features of which are shown on Figure 4. Implementation of the plan was documented in the *Interim Corrective Action Progress Report*, February 11, 2005, to which the reader is referred for details.

II Summary of Activities

AEI measured depth to groundwater in five (5) wells (MW-1 to MW-5) on April 10, 2006. Wells were first opened and water levels allowed to equilibrate with atmospheric pressure. The depth to water from the top of the well casings was measured prior to sampling with an electric water level indicator. The wells were then purged of at least three well volumes using a battery powered submersible pump.

Temperature, pH, specific conductivity, and dissolved oxygen were measured and the turbidity was visually noted during the purging of the wells. Once the wells were allowed to recharge to a minimum of 90% of their original water volume, a water sample was collected. Groundwater samples were collected from each well using clean, disposable bailers.

Groundwater samples were collected from each well into three 40-milliliter (ml) volatile organic analysis (VOA) vials. The VOAs were capped so that neither head space nor air bubbles were

visible within the sample containers. Samples were labeled with unique identifiers including time and date sampled, stored in a cooler over water ice, and placed under chain of custody. The samples were transported under chain of custody protocol to McCampbell Analytical, Inc. of Pacheco, California (Department of Health Services Certification #1644).

The five (5) groundwater samples were analyzed for TPH-g by EPA Method 8015Cm, BTEX and MTBE by EPA Method 8021B, and MTBE and tertiary-Butyl Alcohol (TBA) by EPA Method 8260B.

III Field Results

No sheen or free product was encountered during monitoring activities. Groundwater levels for the current monitoring episode ranged from 4.50 to 6.94 feet above mean sea level (amsl). These groundwater elevations were an average of 0.05 feet higher than the previous episode, although water levels decreased slightly in all wells, except well MW-3 which increased by 0.42 feet. The direction of the groundwater flow at the time of measurement was towards the east-southeast with a hydraulic gradient of approximately 0.03 ft/ft. This flow direction and gradient observed during this episode is generally consistent with previous monitoring events.

Groundwater elevation data is summarized in Tables 1 and 2. The groundwater elevation contours and the groundwater flow direction are shown in Figure 5. Refer to Appendix A for the Groundwater Monitoring Well Field Sampling Forms.

IV Groundwater Quality

Overall, TPH-g and BTEX remained low to non-detect. TPH-g concentrations increased slightly in wells MW-1 and MW-2 from non-detect levels to 80 µg/L and 50 µg/L, respectively. Toluene concentrations increased slightly in all of the wells, ranging from 0.59 µg/L to 8.0 µg/L. Ethylbenzene concentrations increased slightly in wells MW-2 and MW-3 from non-detect levels to 1.5 µg/L to 0.78 µg/L, respectively. Total xylene concentrations increased slightly in wells MW-2, MW-3 and MW-4 from non-detect levels to 6.1 µg/L, 3.3 µg/L, and 1.1 µg/L, respectively. TBA concentrations decreased significantly in wells MW-1, MW-4, and MW-5 to concentrations of 160 µg/L, 120 µg/L, and 860 µg/L, respectively. Using EPA Method 8260, MTBE concentrations decreased in all of the wells, excluding MW-3 which continued to be non-detect, to concentrations ranging from 1.1 µg/L (MW-2) to 70 µg/L (MW-1). No other target analytes were detected exceeding laboratory detection limits in the groundwater samples analyzed.

A summary of groundwater sample analytical data is presented in Table 1 and on Figure 6. Laboratory analytical and chain of custody documentation are included in Appendix B.

V Sparging Operations

A manufacturer-based upgrade was performed on the sparging control system in late April 2006. The system has been running with no power outages at approximately 100% of the system's programmed up-time since the upgrade, which is set at 80% of each day. Programming was also adjusted in late April 2006 to focus on residual hotspot areas around wells MW-1, MW-4, and MW-5. The sparging system is being inspected weekly to confirm proper operation. System components and safety features are operational and sparge pressures normal.

VI Summary

Overall, TPH-g and BTEX concentrations have been reduced to very low to non-detect levels in all wells. TBA decreased significantly in MW-1, MW-4, and MW-5 as has MTBE. The next quarterly monitoring episode is tentatively scheduled to occur in July 2006. Operation of the sparging system will continue to reduce TBA and residual MTBE concentrations and ensure adequate treatment of the source area.

Following the July 2006 quarterly monitoring event, if concentrations of MTBE and TBA remain low, case closure documentation will be prepared.

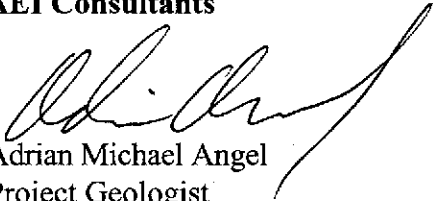
VII Report Limitation

This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide the required information, but it cannot be assumed that they are representative of areas not sampled. All conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document.

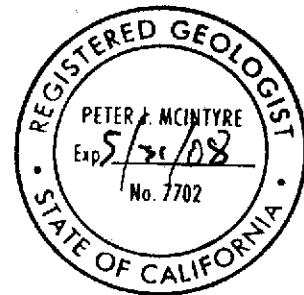
These services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work.

If you have any questions regarding our investigation, please do not hesitate to contact Mr. McIntyre at (925) 283-6000, extension 104.

Sincerely,
AEI Consultants


Adrian Michael Angel
Project Geologist


Peter McIntyre, P.G.
Senior Project Manager



Figures

- Figure 1: Site Location Map
- Figure 2: Property Map
- Figure 3: Site Plan
- Figure 4: Sparge Well Locations
- Figure 5: Water Table Contours (4/10/06)
- Figure 6: Groundwater Sample Analytical Data (4/10/06)

Tables

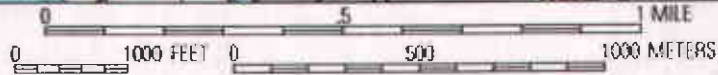
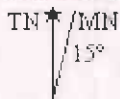
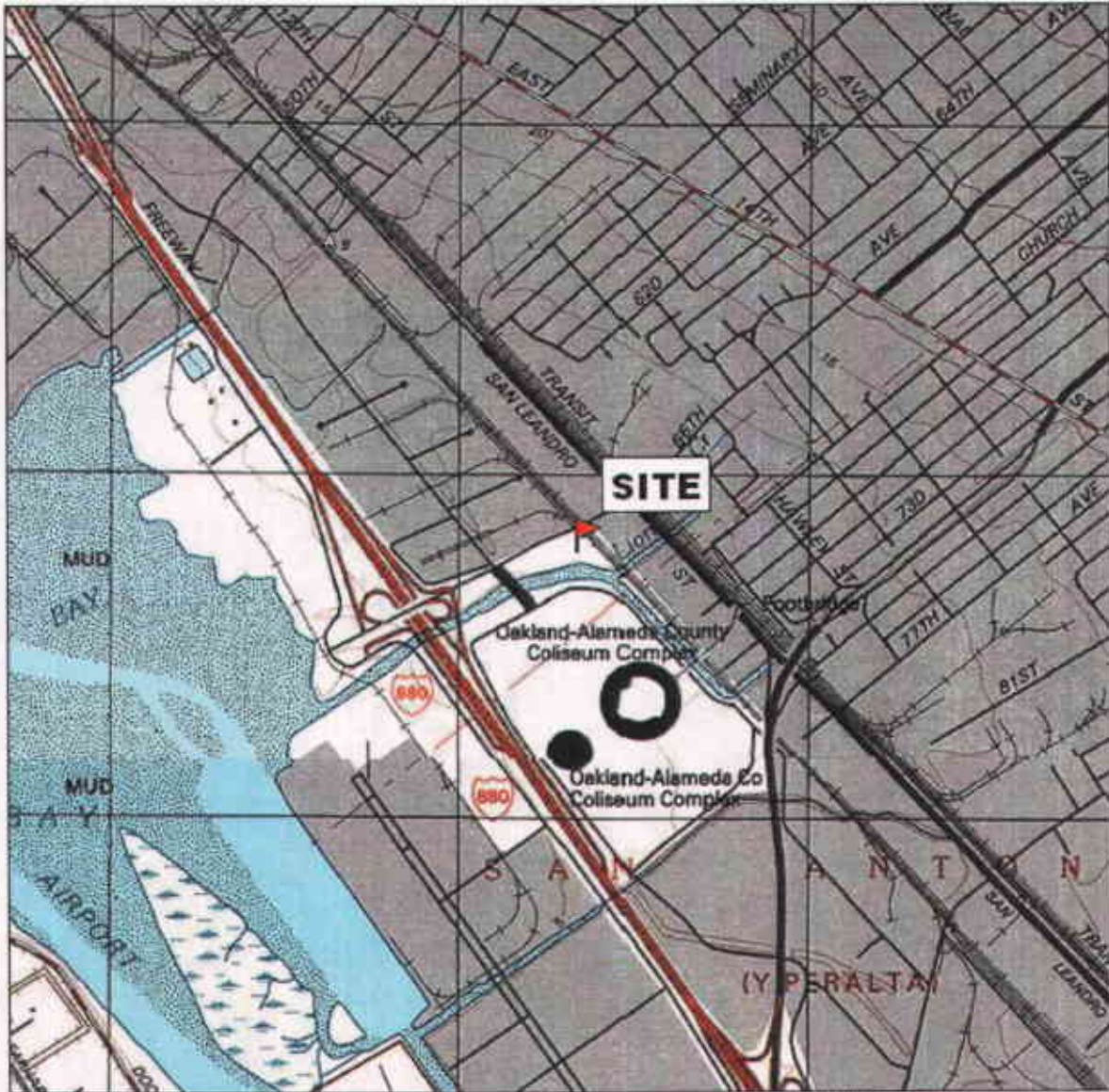
- Table 1: Groundwater Sample Analytical Data
- Table 2: Water Table Data Summary

Attachments

- Appendix A: Monitoring Well Field Sampling Forms
- Appendix B: Laboratory Analytical and Chain of Custody Documentation

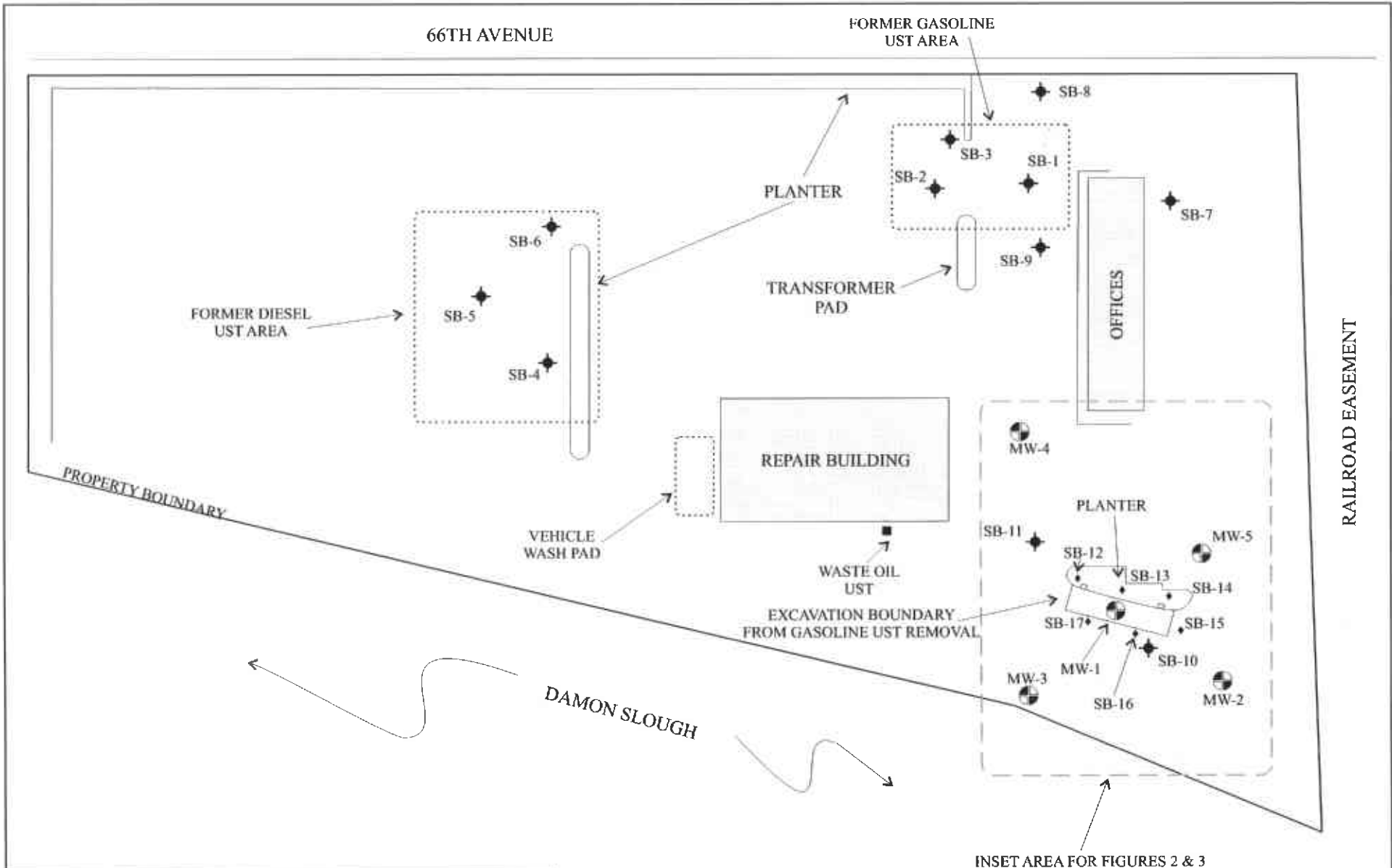
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AEI CONSULTANTS	
SITE LOCATION MAP	
796 66 th AVENUE OAKLAND, CALIFORNIA	FIGURE 1 PROJECT No. 110566



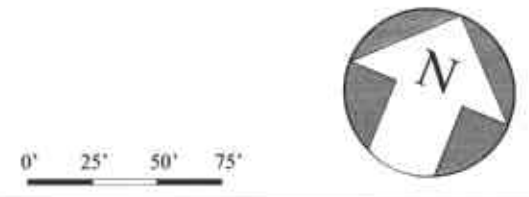
AEI Consultants
 2500 CAMINO DIABLO BLVD, STE 200, WALNUT CREEK, CA

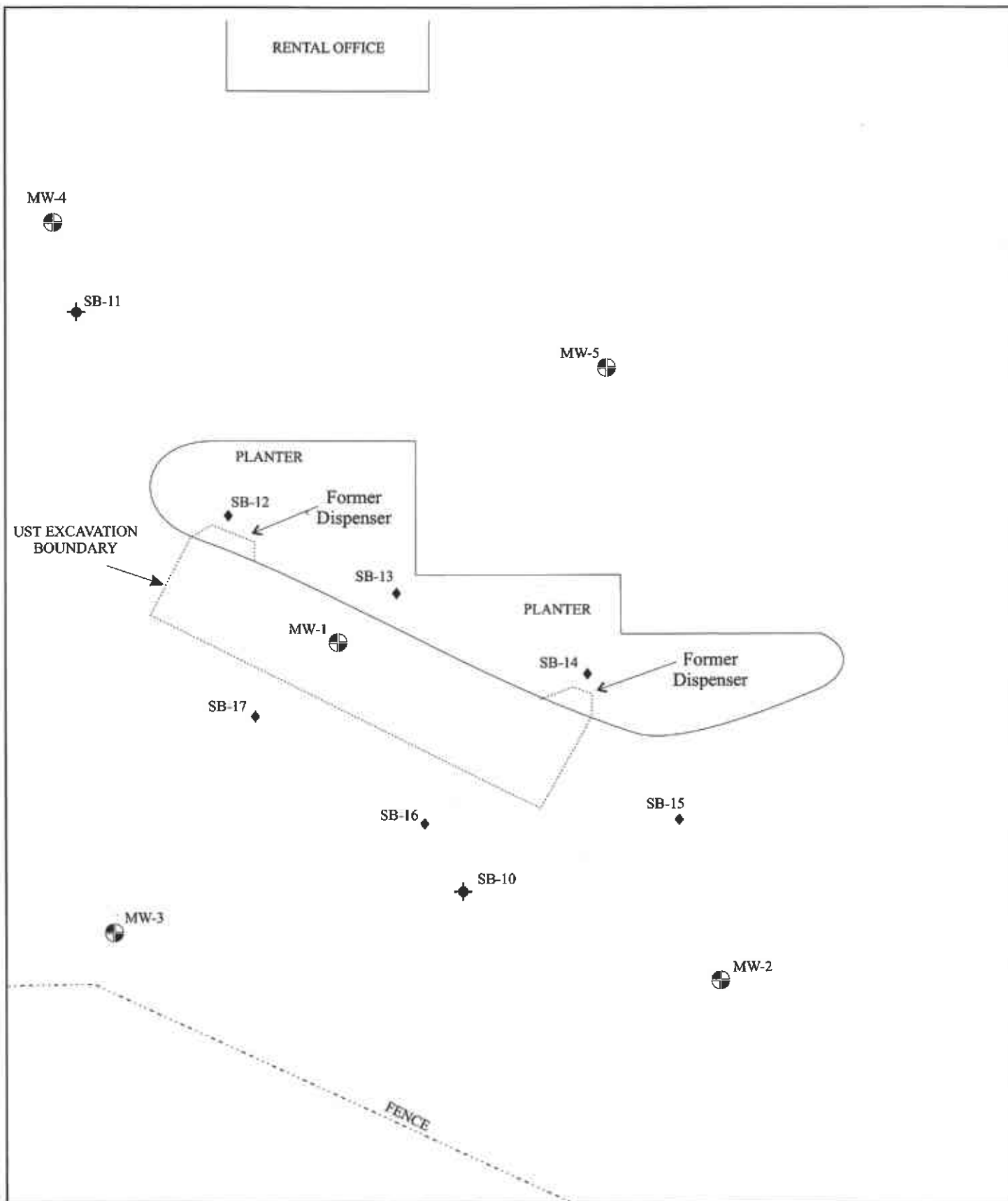
PROPERTY MAP

796 66th AVENUE
 OAKLAND, CALIFORNIA

FIGURE 2
 AEI PROJECT NO 110566

- SB-X ◆ LOCATION OF BORINGS ADVANCED 7-9/2001
- MW-1 ⊕ LOCATION OF MONITORING WELLS INSTALLED 9/2002
- SB-X ◆ LOCATION OF BORINGS ADVANCED 9/2002





LEGEND

- ◆ Soil Boring: July & Sept. 2001
- ◆ Soil Boring: Sept. 2002
- ⊕ Monitoring Wells



0' 10' 20'
SCALE: 1 in = 20 ft

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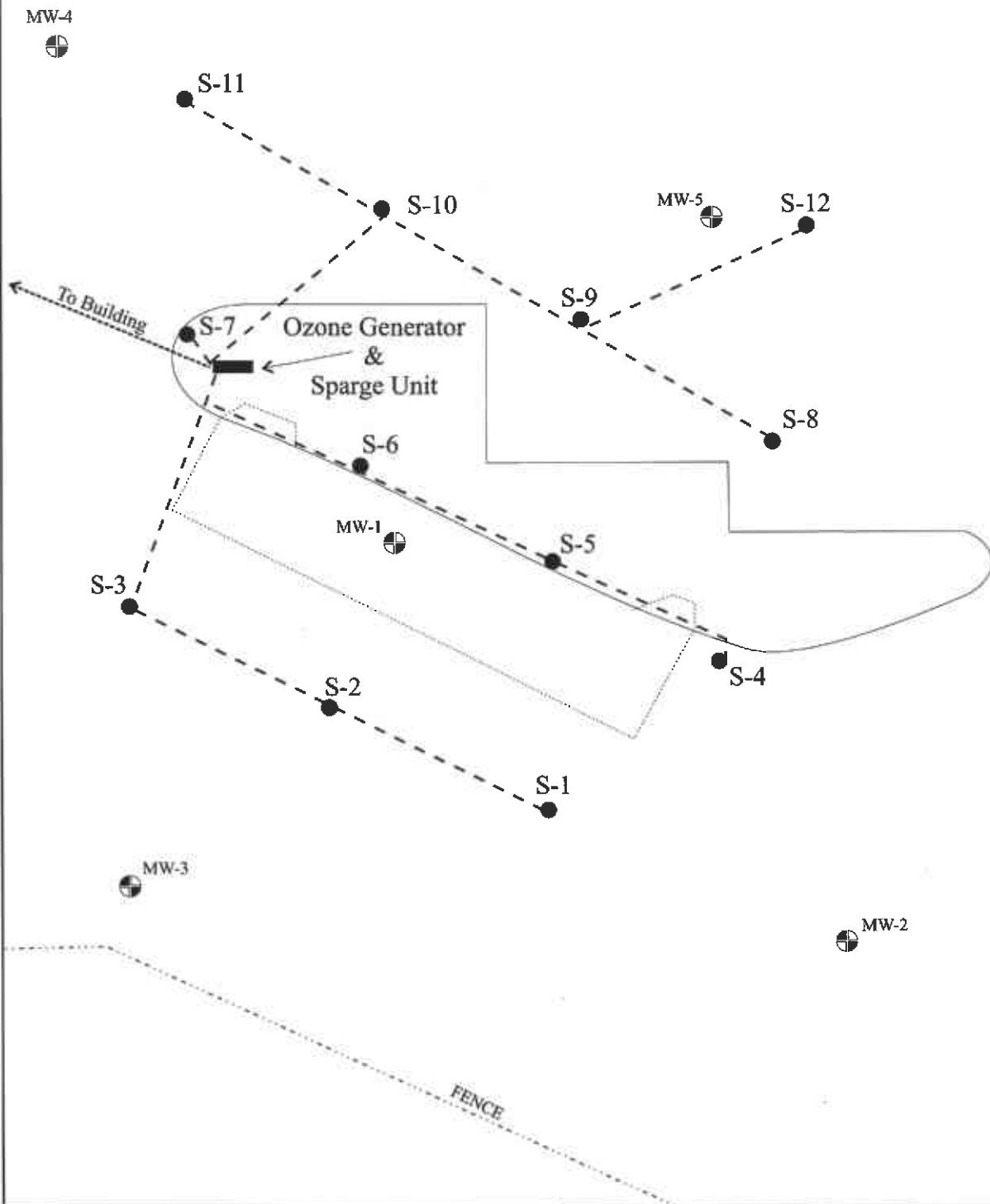
2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK, CA

Site Plan

796 66TH AVENUE
OAKLAND, CALIFORNIA

FIGURE 3
AEI PROJECT NO 110566

RENTAL OFFICE



LEGEND

- ⊕ Monitoring Wells
- Sparge Well Points
- - - Sparge Lines and Conduit
- . - . - . Electrical Conduit



0' 10' 20'
SCALE: 1 in = 20 ft

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2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK, CA

Sparge Well Locations

796 66TH AVENUE
OAKLAND, CALIFORNIA

FIGURE 4
AEI PROJECT NO 110566

RENTAL OFFICE

ESTIMATED GROUNDWATER FLOW DIRECTION
GRADIENT +/- 0.03 ft/ft
4/10/06

MW-4
(6.94)



MW-5
(6.94)



PLANTER

MW-1
(6.91)



EXCAVATION
BOUNDARY

6.5

6.5

6.5

6

6

5.5

MW-3
(6.18)



MW-2
(4.50)



FENCE

LEGEND

⊕ MONITORING WELL LOCATION

Groundwater elevation data as of
4/10/06 in feet above mean sea level (amsl).
Contour drawn in Surfer (R) v. 7.0.
Contour Interval = 0.5
See Table 1 for details.



0' 10' 20'

SCALE: 1 in = 20 ft

AEI Consultants

2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK, CA

Water Table Contours (4/10/06)

796 66TH AVENUE
OAKLAND, CALIFORNIA

FIGURE 5
AEI PROJECT NO 110566

RENTAL OFFICE

MW-4	
TPH-g	<50
MTBE	39
Benzene	<0.5

ESTIMATED GROUNDWATER FLOW DIRECTION
GRADIENT +/- 0.03 ft/ft
4/10/06

MW-5	
TPH-g	<50
MTBE	11
Benzene	<0.5

EXCAVATION BOUNDARY

PLANTER

MW-1	
TPH-g	80
MTBE	70
Benzene	<0.5

MW-3	
TPH-g	<50
MTBE	<0.5
Benzene	<0.5

MW-2	
TPH-g	50
MTBE	1.1
Benzene	<0.5

FENCE

LEGEND

● MONITORING WELL LOCATION

TPH-g = Total Petroleum Hydrocarbons as gasoline.
 MTBE = Methyl tertiary-Butyl Ether (8260B).
 Analytical data from 4/10/06 event with
 results in micrograms per liter (µg/L).
 See Table 1 for details.



0' 10' 20'
 SCALE: 1 in = 20 ft

AEI Consultants

2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK, CA

Groundwater Sample Analytical Data (4/10/06)

796 66TH AVENUE
 OAKLAND, CALIFORNIA

FIGURE 6
 AEI PROJECT NO 110566

Table 1
Groundwater Monitoring Data

Well ID (screen interval in ft bgs)	Date Sampled	Well Elevation (ft amsl)	Depth to Water (ft from TOC)	Water Table Elevation (ft amsl)	TPH-g (8015Cm) µg/L	Benzene µg/L	Toluene (EPA method 8021B) µg/L	Ethylbenzene µg/L	Xylenes µg/L	MTBE		TBA
										(8021B) µg/L	(8260B) µg/L	(8260B) µg/L
MW-1 (4-14)	9/30/2002	10.88	5.41	5.47	1,800	50	15	16	18	19,000	13,000	<5,000
	1/2/2003	10.88	4.77	6.11	660	24	6.4	<2.5	<2.5	7,800	8,900	-
	3/31/2003	10.88	4.95	5.93	660	11	6.4	<5.0	<5.0	16,000	20,000	-
	6/30/2003	10.88	4.54	6.34	830	<5.0	6.8	<5.0	<5.0	16,000	17,000	-
	10/1/2003	10.88	4.66	6.22	720	<5.0	<5.0	<5.0	<5.0	14,000	13,000	-
	1/5/2004	10.88	4.07	6.81	<300	7.8	2.9	<3.0	<3.0	-	8,700	-
	4/5/2004	10.88	4.33	6.55	100	2.8	3.0	<1.0	<1.0	2,300	3,000	<500
	7/7/2004	10.88	4.97	5.91	190	<1.7	2.0	<1.7	<1.7	4,900	5,500	<1,000
	7/19/2004	10.88	5.12	5.76	340	<2.5	4.0	<2.5	<2.5	8,000	9,200	<1,700
	8/6/2004	10.88	5.13	5.75	280	<0.5	5.6	<0.5	<0.5	7,200	5,900	<1,000
	8/20/2004	10.88	5.31	5.57	<250	<2.5	<2.5	<2.5	<2.5	4,600	-	-
	9/3/2004	10.88	5.22	5.66	<250	<2.5	<2.5	<2.5	<2.5	5,700	4,700	<1,000
	10/13/2004	10.88	5.23	5.65	170	<0.5	4.8	<0.5	<0.5	3,700	4,400	-
	1/11/2005	10.88	4.69	6.19	110	8.8	4.2	<0.5	<0.5	880	990	910
	4/13/2005	10.88	5.02	5.86	230	<0.5	9.0	<0.5	<0.5	140	100	2,600
	7/6/2005	10.88	5.06	5.82	200	<0.5	8.3	<0.5	<0.5	<75	50	1,600
	10/6/2005	10.88	4.92	5.96	110	<0.5	6.8	<0.5	<0.5	<20	8.4	640
	1/9/2006	10.88	3.90	6.98	<50	<0.5	1.8	<0.5	<0.5	260	280	560
	4/10/2006	10.88	3.97	6.91	80	<0.5	3.1	<0.5	<0.5	100	70	160
MW-2 (4-14)	9/30/2002	10.77	8.00	2.77	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.84	<5.0
	1/2/2003	10.77	5.91	4.86	<50	<0.5	<0.5	<0.5	<0.5	19	20	-
	3/31/2003	10.77	5.15	5.62	<50	<0.5	<0.5	<0.5	<0.5	<5.0	3.9	-
	6/30/2003	10.77	5.91	4.86	<50	<0.5	<0.5	<0.5	<0.5	7.0	9.6	-
	10/1/2003	10.77	6.69	4.08	<50	<0.5	<0.5	<0.5	<0.5	7.7	6.7	-
	1/5/2004	10.77	6.18	4.59	71	4.7	13	2.7	12	-	7.8	-
	4/5/2004	10.77	7.22	3.55	210	14	39	6.6	27	16	13	<5.0
	7/7/2004	10.77	6.83	3.94	<50	<0.5	<0.5	<0.5	<0.5	5.7	5.6	<5.0
	10/13/2004	10.77	7.18	3.59	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.6	-
	1/11/2005	10.77	7.27	3.50	74	2.6	11	2.1	10	<5.0	4.4	<5.0
	4/13/2005	10.77	6.66	4.11	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0
7/6/2005	10.77	6.83	3.94	<50	<0.5	0.77	<0.5	<0.5	<5.0	2.9	<5.0	

**Table 1
Groundwater Monitoring Data**

Well ID (screen interval in ft bgs)	Date Sampled	Well Elevation (ft amsl)	Depth to Water (ft from TOC)	Water Table Elevation (ft amsl)	TPH-g (8015Cm) µg/L	Benzene µg/L	Toluene (EPA method 8021B) µg/L	Ethylbenzene µg/L	Xylenes µg/L	MTBE		TBA (8260B) µg/L
										(8021B) µg/L	(8260B) µg/L	
MW-2 cont.	10/6/2005	10.77	7.05	3.72	<50	<0.5	0.81	<0.5	0.54	<5.0	2.1	<5.0
	1/9/2006	10.77	6.18	4.59	<50	<0.5	<0.5	<0.5	<0.5	6.1	7.6	<5.0
	4/10/2006	10.77	6.27	4.50	50	<0.5	8.0	1.5	6.1	<5.0	1.1	<5.0
MW-3 (4-14)	9/30/2002	10.20	5.21	4.99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0
	1/2/2003	10.20	5.31	4.89	<50	0.89	0.50	<0.5	0.72	15	14	-
	3/31/2003	10.20	4.58	5.62	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.62	-
	6/30/2003	10.20	3.83	6.37	<50	<0.5	<0.5	<0.5	<0.5	<5.0	1.6	-
	10/1/2003	10.20	4.02	6.18	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	-
	1/5/2004	10.20	6.18	4.02	71	4.7	13	2.7	12	-	7.8	-
	4/5/2004	10.20	3.79	6.41	120	8.8	22	3.2	13	<5.0	<0.5	<5.0
	7/7/2004	10.20	3.76	6.44	<50	<0.5	<0.5	<0.5	<0.5	<5.0	4.0	<5.0
	10/13/2004	10.20	4.45	5.75	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	-
	1/11/2005	10.20	5.21	4.99	68	2.2	9.0	1.7	8.5	<5.0	<0.5	<5.0
	4/13/2005	10.20	4.44	5.76	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0
	7/6/2005	10.20	3.91	6.29	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0
	10/6/2005	10.20	4.16	6.04	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0
	1/9/2006	10.20	4.44	5.76	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<5.0
	4/10/2006	10.20	4.02	6.18	<50	<0.5	4.0	0.78	3.3	<5.0	<0.5	<5.0
MW-4 (4-14)	9/30/2002	11.07	5.50	5.57	<100	<0.5	<0.5	<0.5	<0.5	790	750	<100
	1/2/2003	11.07	4.90	6.17	<50	<0.5	<0.5	<0.5	<0.5	420	460	-
	3/31/2003	11.07	4.81	6.26	<50	<0.5	<0.5	<0.5	<0.5	1,500	1,400	-
	6/30/2003	11.07	4.61	6.46	<50	<0.5	<0.5	<0.5	<0.5	1,600	1,200	-
	10/1/2003	11.07	4.76	6.31	<50	<0.5	<0.5	<0.5	<0.5	1,800	1,400	-
	1/5/2004	11.07	4.32	6.75	<50	3.0	6.7	1.4	6.1	-	1,200	-
	4/5/2004	11.07	4.43	6.64	<50	0.79	2.0	<0.5	2.2	800	840	<250
	7/7/2004	11.07	5.08	5.99	<50	<0.5	<0.5	<0.5	<0.5	1,400	2,100	<250
	7/19/2004	11.07	5.19	5.88	<50	<0.5	<0.5	<0.5	<0.5	1,200	1,300	<500
	8/6/2004	11.07	5.20	5.87	<50	0.76	<0.5	<0.5	<0.5	1,300	1,200	<500
	8/20/2004	11.07	5.37	5.70	<50	<0.5	<0.5	<0.5	<0.5	460	-	-
9/3/2004	11.07	5.35	5.72	<50	<0.5	<0.5	<0.5	<0.5	440	370	<50	

**Table 1
Groundwater Monitoring Data**

Well ID (screen interval in ft bgs)	Date Sampled	Well Elevation (ft amsl)	Depth to Water (ft from TOC)	Water Table Elevation (ft amsl)	TPH-g (8015Cm) µg/L	Benzene µg/L	Toluene (EPA method 8021B) µg/L	Ethylbenzene µg/L	Xylenes µg/L	MTBE		TBA (8260B) µg/L
										(8021B) µg/L	(8260B) µg/L	
MW-4 cont.	10/13/2004	11.07	5.35	5.72	<50	<0.5	<0.5	<0.5	<0.5	330	360	-
	1/11/2005	11.07	4.99	6.08	<50	1.0	2.1	<0.5	1.8	450	430	<100
	4/13/2005	11.07	5.17	5.90	<50	<0.5	<0.5	<0.5	<0.5	340	200	<50
	7/6/2005	11.07	5.18	5.89	<50	<0.5	<0.5	<0.5	<0.5	300	290	330
	10/6/2005	11.07	5.03	6.04	<50	<0.5	<0.5	<0.5	<0.5	380	350	430
	1/9/2006	11.07	4.11	6.96	<50	<0.5	<0.5	<0.5	<0.5	140	150	200
	4/10/2006	11.07	4.13	6.94	<50	<0.5	1.0	<0.5	1.1	52	39	120
MW-5 (4-14)	9/30/2002	11.18	5.62	5.56	<2,000	<5.0	<5.0	<5.0	<5.0	19,000	18,000	<2,500
	1/2/2003	11.18	5.12	6.06	<50	<0.5	<0.5	<0.5	<0.5	7,000	7,000	-
	3/31/2003	11.18	4.93	6.25	<500	<5.0	<5.0	<5.0	<5.0	14,000	12,000	-
	6/30/2003	11.18	4.75	6.43	<500	<5.0	<5.0	<5.0	<5.0	13,000	15,000	-
	10/1/2003	11.18	4.88	6.30	<500	<5.0	<5.0	<5.0	<5.0	12,000	11,000	-
	1/5/2004	11.18	4.19	6.99	<1,000	<10	<10	<10	<10	-	11,000	-
	4/5/2004	11.18	4.57	6.61	<250	<2.5	<2.5	<2.5	<2.5	9,400	13,000	<2,500
	7/7/2004	11.18	5.19	5.99	<500	<5.0	<5.0	<5.0	<5.0	15,000	19,000	<2,000
	7/19/2004	11.18	5.32	5.86	<500	<5.0	<5.0	<5.0	<5.0	16,000	14,000	<2,500
	8/6/2004	11.18	5.33	5.85	110	<0.5	<0.5	<0.5	<0.5	12,000	11,000	<2,500
	8/20/2004	11.18	5.49	5.69	<500	<5.0	<5.0	<5.0	<5.0	7,200	-	-
	9/3/2004	11.18	5.48	5.70	<500	<2.5	<2.5	<2.5	<2.5	8,500	7,200	<1,700
	10/13/2004	11.18	5.49	5.69	<250	<2.5	<2.5	<2.5	<2.5	6,700	7,700	-
	1/11/2005	11.18	5.08	6.10	<100	1.5	3.3	<1.0	2.3	3,000	4,800	1,200
	4/13/2005	11.18	5.24	5.94	<50	<0.5	<0.5	<0.5	<0.5	510	320	2,600
	7/6/2005	11.18	5.27	5.91	<50	<0.5	<0.5	<0.5	<0.5	43	51	4,900
10/6/2005	11.18	5.14	6.04	<50	<0.5	<0.5	<0.5	<0.5	25	<25	1,900	
1/9/2006	11.18	4.23	6.95	<50	<0.5	<0.5	<0.5	<0.5	70	84	2,000	
4/10/2006	11.18	4.24	6.94	<50	<0.5	0.59	<0.5	<0.5	13	11	860	

Notes:

bgs = below ground surface

ft amsl = feet above mean sea level

TOC = Top of Casing; all well elevations and depths to water are measured from TOC

TPH-g = Total Petroleum Hydrocarbons as gasoline

µg/L = micrograms per liter

MTBE = Methyl tertiary-Butyl Ether

TBA = tertiary-Butyl Alcohol

- = Sample not analyzed by this method

Table 2
Water Table Data Summary

Episode	Date Sampled	Average Water Table Elevation*	Change From Previous Episode	Gradient (direction)
1	9/30/2002	4.87	-	0.005 (S)
2	1/2/2003	5.62	0.75	0.022 (SSE)
3	3/31/2003	5.94	0.32	0.006 (SSE)
4	6/30/2003	6.09	0.16	0.020 (SE)
5	10/1/2003	5.82	-0.27	0.029-0.001 (SE)
6	1/5/2004	6.06	0.24	0.03 (SE)
7	4/5/2004	5.95	-0.11	0.02 (E)
8	7/7/2004	5.65	-0.30	0.02 (E)
9	7/19/2004	5.83	0.18	nc
10	8/6/2004	5.82	-0.01	nc
11	8/20/2004	5.65	-0.17	nc
12	9/3/2004	5.69	0.04	nc
13	10/13/2004	5.28	-0.41	0.02 (E)
14	1/11/2005	5.37	0.09	0.02 (E)
15	4/13/2005	5.51	0.14	0.02 (E)
16	7/6/2005	5.57	0.06	0.024 (E)
17	10/6/2005	5.56	-0.01	0.03 (E)
18	1/9/2006	6.25	0.69	0.04 (ESE)
19	4/10/2006	6.29	0.05	0.03 (ESE)

Notes:

*Average Water Table Elevation value calculated in Microsoft Excel

nc = not calculated

APPENDIX A

Groundwater Monitoring Well Field Sampling Forms

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-1

Project Name:	Cruise America	Date of Sampling:	4/10/2006
Job Number:	110566	Name of Sampler:	Adrian Nieto
Project Address:	796 - 66th Avenue, Oakland, CA 94621		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	4		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	10.88		
Depth of Well	14.00		
Depth to Water (from top of casing)	3.97		
Water Elevation (feet above msl)	6.91		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	19.6		
Actual Volume Purged (gallons)	21.0		
Appearance of Purge Water	Initially grey, clears quickly		
Free Product Present?	No	Thickness (ft):	n/a

GROUNDWATER SAMPLES

Number of Samples/Container Size				4 40-ml VOA vials			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	3	18.66	7.18	3715	5.54		
	6	18.57	7.20	3414	4.20		
	9	18.54	7.16	3360	3.35		
	12	18.53	7.14	3342	2.86		
	15	18.52	7.13	3343	2.38		
	18	18.52	7.12	3350	2.13		
	20	18.52	7.12	3333	1.90		

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Slight petroleum odors

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-2

Project Name:	Cruise America	Date of Sampling:	4/10/2006
Job Number:	110566	Name of Sampler:	Adrian Nieto
Project Address:	796 - 66th Avenue, Oakland, CA 94621		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	10.77		
Depth of Well	14.00		
Depth to Water (from top of casing)	6.27		
Water Elevation (feet above msl)	4.50		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	3.7		
Actual Volume Purged (gallons)	4.0		
Appearance of Purge Water	Initially yellowish brown, clears quickly		
Free Product Present?	No	Thickness (ft):	n/a

GROUNDWATER SAMPLES

Number of Samples/Container Size		4 40-ml VOA vials					
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	1	18.09	7.20	13650	8.10		
	3	18.39	7.18	15274	6.36		
	4	19.02	7.21	16080	5.86		

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

No petroleum odors noted.

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-3

Project Name:	Cruise America	Date of Sampling:	4/10/2006
Job Number:	110566	Name of Sampler:	Adrian Nieto
Project Address:	796 - 66th Avenue, Oakland, CA 94621		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK <input type="button" value="▼"/>		
Elevation of Top of Casing (feet above msl)	10.20		
Depth of Well	14.00		
Depth to Water (from top of casing)	4.02		
Water Elevation (feet above msl)	6.18		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	4.8		
Actual Volume Purged (gallons)	6.0		
Appearance of Purge Water	Clear		
Free Product Present?	No	Thickness (ft):	n/a

GROUNDWATER SAMPLES

Number of Samples/Container Size		4 40-ml VOA vials					
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (meV)	Comments
	2	17.71	7.16	12371	10.31		
	4	17.92	7.12	12399	8.80		
	6	18.12	6.64	12933	6.35		

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

No petroleum odor noted.

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-4

Project Name:	Cruise America	Date of Sampling:	4/10/2006
Job Number:	110566	Name of Sampler:	Adrian Nieto
Project Address:	796 - 66th Avenue, Oakland, CA 94621		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2		
Wellhead Condition	OK		
Elevation of Top of Casing (feet above msl)	11.07		
Depth of Well	14.00		
Depth to Water (from top of casing)	4.13		
Water Elevation (feet above msl)	6.94		
Well Volumes Purged	3		
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	4.7		
Actual Volume Purged (gallons)	5.0		
Appearance of Purge Water	Initially dark brown, clears by 2 gallons		
Free Product Present?	No	Thickness (ft):	n/a

GROUNDWATER SAMPLES

Number of Samples/Container Size				4 40-ml VOA vials			
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μS/cm)	DO (mg/L)	ORP (meV)	Comments
	2	17.85	8.66	1953	7.07		
	4	17.81	8.65	1973	5.50		
	6	17.75	8.66	1968	4.45		

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Slight petroleum odors noted.

AEI CONSULTANTS
GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-5

Project Name:	Cruise America	Date of Sampling:	4/10/2006
Job Number:	110566	Name of Sampler:	Adrian Nieto
Project Address:	796 - 66th Avenue, Oakland, CA 94621		

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2
Wellhead Condition	OK ▼
Elevation of Top of Casing (feet above msl)	11.18
Depth of Well	14.00
Depth to Water (from top of casing)	4.24
Water Elevation (feet above msl)	6.94
Well Volumes Purged	3
Calculated Gallons Purged: formula valid only for casing sizes of 2" (.16 gal/ft), 4" (.65 gal/ft), and 6" (1.44 gal/ft)	4.7
Actual Volume Purged (gallons)	6.0
Appearance of Purge Water	Initially dark brown, clears by 1.5 gallons
Free Product Present?	No
Thickness (ft):	n/a

GROUNDWATER SAMPLES

Number of Samples/Container Size		4 40-ml VOA vials					
Time	Vol Removed (gal)	Temperature (deg C)	pH	Conductivity (μS/cm)	DO (mg/L)	ORP (meV)	Comments
	2	16.66	7.52	3163	7.64		
	4	16.67	7.54	3030	6.88		
	6	16.67	7.53	2726	5.81		

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

Moderate petroleum odors noted.

APPENDIX B

Laboratory Reports with Chain of Custody Documentation



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mcccampbell.com E-mail: main@mcccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #8262; Cruise America	Date Sampled: 04/10/06
		Date Received: 04/10/06
	Client Contact: Adrian Angel	Date Reported: 04/14/06
	Client P.O.:	Date Completed: 04/14/06

WorkOrder: 0604144

April 14, 2006

Dear Adrian:

Enclosed are:

- 1). the results of 5 analyzed samples from your **#8262; Cruise America project**,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

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 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mccampbell.com E-mail: main@mccampbell.com

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #8262; Cruise America	Date Sampled: 04/10/06
		Date Received: 04/10/06
	Client Contact: Adrian Angel	Date Extracted: 04/10/06
	Client P.O.:	Date Analyzed: 04/10/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B

Analytical methods: SW8021B/8015Cm

Work Order: 0604144

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	80,m	100	ND	3.1	ND	ND	1	109
002A	MW-2	W	50,b	ND	ND	8.0	1.5	6.1	1	105
003A	MW-3	W	ND	ND	ND	4.0	0.78	3.3	1	113
004A	MW-4	W	ND	52	ND	1.0	ND	1.1	1	107
005A	MW-5	W	ND	13	ND	0.59	ND	ND	1	110

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.



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AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #8262; Cruise America	Date Sampled: 04/10/06
	Client Contact: Adrian Angel	Date Received: 04/10/06
	Client P.O.:	Date Extracted: 04/10/06-04/11/06
		Date Analyzed: 04/10/06-04/11/06

t-Butyl alcohol and Methyl tert-Butyl Ether*

Extraction method: SW5030B

Analytical methods: SW8260B

Work Order: 0604144

Lab ID	Client ID	Matrix	t-Butyl alcohol (TBA)	Methyl-t-butyl ether (MTBE)	DF	% SS
0604144-001B	MW-1	W	160	70	2	107
0604144-002B	MW-2	W	ND	1.1	1	104
0604144-003B	MW-3	W	ND	ND	1	104
0604144-004B	MW-4	W	120	39	1	109
0604144-005B	MW-5	W	860	11	10	109

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	5.0	0.5	µg/L
	S	NA	NA	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0604144

EPA Method: SW8260B		Extraction: SW5030B			BatchID: 21172			Spiked Sample ID: 0604125-013A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
Methyl-t-butyl ether (MTBE)	ND	10	99.8	95.3	4.63	96.4	94.3	2.22	70 - 130	70 - 130
%SS1:	99	10	104	103	0.819	105	105	0	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 21172 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0604144-001B	4/10/06	4/10/06	4/10/06 11:23 PM	0604144-002B	4/10/06	4/10/06	4/10/06 8:33 PM
0604144-003B	4/10/06	4/10/06	4/10/06 9:15 PM	0604144-004B	4/10/06	4/10/06	4/10/06 9:58 PM
0604144-005B	4/10/06	4/11/06	4/11/06 2:00 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).


MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS Certification No. 1644

 QA/QC Officer



McC Campbell Analytical, Inc.

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0604144

EPA Method: SW8021B/8015Cm		Extraction: SW5030B			BatchID: 21178			Spiked Sample ID: 0604152-001A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex) [£]	ND	60	98.4	103	4.99	98	97.2	0.804	70 - 130	70 - 130
MTBE	ND	10	97.7	99.4	1.71	96.1	97.7	1.68	70 - 130	70 - 130
Benzene	ND	10	84.1	90.1	6.85	84.5	90.7	7.08	70 - 130	70 - 130
Toluene	ND	10	88.4	95.4	7.61	92.2	96.6	4.66	70 - 130	70 - 130
Ethylbenzene	ND	10	98.1	97	1.14	101	98.9	1.97	70 - 130	70 - 130
Xylenes	ND	30	94	86.7	8.12	91	90.3	0.735	70 - 130	70 - 130
%SS:	113	10	105	104	0.977	106	107	0.703	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 21178 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0604144-001A	4/10/06	4/10/06	4/10/06 8:55 PM	0604144-002A	4/10/06	4/10/06	4/10/06 9:28 PM
0604144-003A	4/10/06	4/10/06	4/10/06 10:01 PM	0604144-004A	4/10/06	4/10/06	4/10/06 10:34 PM
0604144-005A	4/10/06	4/10/06	4/10/06 11:08 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 % Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
 £ TPH(btex) = sum of BTEX areas from the FID.
 # cluttered chromatogram; sample peak coelutes with surrogate peak.
 N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

004174

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560

Telephone: (925) 798-1620

Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Report To: Adrian Angel Bill To: Sene
Company: AEI

E-Mail: _____
Tele: 0 282-6000 Fax: 0
Project #: 8262 Project Name: Coast America
Project Location: Oakland cal
Sampler Signature: Adrian Nieto

Analysis Request

Other _____ Comments _____

BTEX & TPH as Gas (602/8020 + 8015)MTBE	TPH as Diesel (8015)										
	Total Petroleum Oil & Grease (5520 E&F/B&F)										
	Total Petroleum Hydrocarbons (418.1)										
	EPA 601 / 8010										
	BTEX ONLY (EPA 602 / 8020)										
	EPA 608 / 8080										
	EPA 608 / 8080 PCB's ONLY										
	EPA 624 / 8240 / 8260 MTBE + TBA										
	EPA 625 / 8270										
	PAH's / PNA's by EPA 625 / 8270 / 8310										
	CAM-17 Metals										
	LUFT 5 Metals										
Lead (7240/7421/239.2/6010)											
RCI											

PDF.YCS

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED						
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other			
+ MW-1			4-10-06	3	Vials	X					X	X			X		
+ MW-2						X					X	X			X		
+ MW-3						X					X	X			X		
+ MW-4						X					X	X			X		
+ MW-5						X					X	X			X		

Relinquished By:	Date:	Time:	Received By:
<u>Adrian Nieto</u>	<u>4/10/06</u>	<u>1:15pm</u>	<u>[Signature]</u>
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/r* PRESERVATION VOAS O&G METALS OTHER

GOOD CONDITION APPROPRIATE CONTAINERS

HEAD SPACE ABSENT PRESERVED IN LAB

DECHLORINATED IN LAB

McC Campbell Analytical, Inc.



110 Second Avenue South, #D7
 Pacheco, CA 94553-5560
 (925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0604144

ClientID: AEL

EDF: YES

Report to:

Adrian Angel
 AEI Consultants
 2500 Camino Diablo, Ste. #200
 Walnut Creek, CA 94597

TEL: (925) 283-6000
 FAX: (925) 283-6121
 ProjectNo: #8262; Cruise America
 PO:

Bill to:

Joanne Bryant
 AEI Consultants
 2500 Camino Diablo, Ste. #200
 Walnut Creek, CA 94597

Requested TAT:

5 days

Date Received: 04/10/2006

Date Printed: 04/10/2006

Sample ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0604144-001	MW-1	Water	4/10/06	<input type="checkbox"/>	A	B	A										
0604144-002	MW-2	Water	4/10/06	<input type="checkbox"/>	A	B											
0604144-003	MW-3	Water	4/10/06	<input type="checkbox"/>	A	B											
0604144-004	MW-4	Water	4/10/06	<input type="checkbox"/>	A	B											
0604144-005	MW-5	Water	4/10/06	<input type="checkbox"/>	A	B											

Test Legend:

1	G-MBTEX_W	2	MTBE_W	3	PREDF REPORT	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.