

QUARTERLY GROUNDWATER MONITORING REPORT
Second Quarter 2008

PROJECT SITE:
Oakland Truck Stop
8255 San Leandro Street
Oakland, California 94621

PREPARED FOR:
Mr. Tom Henderson
Matriks Corporation
321 Court St
Woodland, CA 95695

SUBMITTED TO:
Mr. Jerry Wickham
Hazardous Materials Specialist
Alameda County Environmental Health
Local Oversight Program
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

PREPARED BY:
Cook Environmental Services, Inc.
3080 Hilltop Mall Road
Richmond, California 94806

Project No. 1034

September 15, 2008

RECEIVED

1:49 pm, Oct 17, 2008

Alameda County
Environmental Health

TABLE OF CONTENTS

PROFESSIONAL CERTIFICATION.....	ii
INTRODUCTION.....	1
Site Description and Physical Setting.....	1
SCOPE OF WORK.....	1
FIELD METHODS AND DATA EVALUATION.....	1
Groundwater Elevations	1
Purging, Sampling and Analysis of Monitoring Wells	2
Data Management.....	2
Monitoring Well Destruction.....	3
Groundwater Analytical Results for Monitoring Wells	3
CONCLUSIONS	4
RECOMMENDATIONS.....	5

LIST OF TABLES:

Table 1	Well Construction Details
Table 2	Groundwater Elevation Data
Table 3	Groundwater Analytical Results

LIST OF FIGURES:

Figure 1	Site Location Map
Figure 2	Groundwater Elevations
Figure 3	TPH-d Concentrations in Groundwater
Figure 4	TPH-g Concentrations in Groundwater
Figure 5	Benzene Concentrations in Groundwater
Figure 6	MtBE Concentrations in Groundwater

LIST OF APPENDICES:

Appendix A	Monitoring Well Sampling Log
Appendix B	Well Closure Permit
Appendix C	Laboratory Analytical Report

PROFESSIONAL CERTIFICATION

QUARTERLY GROUNDWATER MONITORING REPORT *Second Quarter 2008*

Oakland Truck Stop
8255 San Leandro Street
Oakland, California 94621

By: Cook Environmental Services, Inc.
Project No. 1034

September 15, 2008

Cook Environmental Services, Inc. prepared this document under the professional supervision of the person whose seal and signature appears hereon. No warranty, either expressed or implied, is made as to the professional advice presented herein. The analysis, conclusions and recommendations contained in this document are based upon site conditions as they existed at the time of the investigation and they are subject to change.

The conclusions presented in this document are professional opinions based solely upon visual observations of the site and vicinity, and interpretation of available information as described in this document. Cook Environmental Services, Inc. recognizes that the limited scope of services performed in execution of this investigation may not be appropriate to satisfy the needs, or requirements of other regulatory agencies or of other users. Any use or reuse of this document or its findings, conclusions or recommendations presented herein is at the sole risk of said user.



A handwritten signature in black ink that reads "Tim Cook".

Tim Cook, P.E.
Principal

INTRODUCTION

This report represents the status of groundwater quality at the Oakland Truck Stop (the “Site”), located at 8255 San Leandro Street, in Oakland, Ca for the second quarter 2008.

Site Description and Physical Setting

The Site is currently a fuel station, weigh station and convenience mart that has been in operation since the 1960’s. Elevated concentrations of fuel hydrocarbons were detected in soil in the area of the current and former underground storage tanks (USTs) and dispensers. Groundwater in the vicinity of these same USTs contains elevated concentrations of fuel hydrocarbons and methyl tert-butyl ether (MtBE).

The surrounding area is comprised of mixed commercial, industrial and residential properties. The Site is located approximately 1¼ mile east of San Francisco Bay and approximately ½ mile south of the Oakland-Alameda County Coliseum Complex. Elmhurst Creek provides storm drainage for the surrounding area and flows northwesterly across the rear of the property. The Site and the surrounding area are flat. The elevation of the Site is approximately 10 feet above mean sea level.

SCOPE OF WORK

The following scope of services was completed this quarter:

- Collected quarterly groundwater monitoring data;
- Measured the pH, specific conductivity and temperature of purge water from the monitoring wells;
- Analyzed groundwater samples for TPH-g, TPH-g, benzene, toluene, ethylbenzene and xylenes (BTEX), and five fuel oxygenates;
- Prepared this *Quarterly Groundwater Monitoring Report*; and
- Submitted Electronic Deliverable Format data and this report in PDF format to the California State Water Resources Control Board Geotracker database and the Alameda County LOP database.

FIELD METHODS AND DATA EVALUATION

Groundwater Elevations

Depth to water measurements were collected in wells MW-2 through MW-7, MW-9 and MW-10 on June 28, 2008. Measurements were not collected in MW-1 because 14 inches of floating product was observed in this well. Measurements were not collected in MW-8 because a truck was parked on top of this well. Well construction details for all ten monitoring wells are listed in **Table 1**.

Measurements were collected using an electric water level sounder. Well caps were removed at least 30-minutes before recording measurements to allow groundwater levels to equilibrate to atmospheric pressure. Static water levels were measured relative to the surveyed top-of-casing (TOC) elevation. Measurements were recorded on monitoring well sampling logs included in **Appendix A**. The static water level was used to calculate the volume to purge from each well. The surface of the groundwater was also checked for the presence of free-phase hydrocarbons or sheen. Groundwater elevation data is presented as **Table 2**.

A groundwater elevation map for the June 28, 2008 sampling event is presented as **Figure 2**. The groundwater flow direction at the site as determined between wells MW-4, MW-7 and MW-10 was N88°W at a gradient of 0.0019 ft/ft. This westerly flow toward Elmhurst Creek is the expected flow direction. Historically, the gradient and groundwater flow direction beneath the site has been highly variable.

Purging, Sampling and Analysis of Monitoring Wells

At least three well casing volumes were purged from monitoring wells prior to collecting groundwater samples. A clean disposable polyethylene bailer was used to purge each well. The temperature, pH and specific conductance were recorded on the monitoring well sampling logs in **Appendix A**. The monitoring well purge water was stored in a 55-gallon steel drum for later removal and disposal.

Immediately after purging each well, groundwater samples were collected using clean disposable polyethylene bailers. Each sample was decanted from the disposable bailer into five, laboratory-supplied 40-ml volatile organic analysis (VOA) vials and one 1-liter amber glass jar. The sample containers were pre-preserved with concentrated hydrochloric acid. Care was taken to ensure that the VOA vials were completely filled, leaving no headspace.

Groundwater samples were labeled with the project number, sample ID, and date collected. The same information was recorded on a chain-of-custody form. The samples were placed in an ice chest cooled with ice pending delivery to McCampbell Analytical, Inc. (DHS ELAP Certification No. 1644) in Pittsburg, California within 48 hours of collection. The samples were analyzed for total petroleum hydrocarbons as diesel (TPH-d), total petroleum hydrocarbons as gasoline (TPH-g); benzene, toluene, ethylbenzene and total xylenes (BTEX), methyl tert-butyl ether (MtBE), diisopropyl ether (DIPE), ethyl tert-butyl ether (EtBE), tert-amyl methyl ether (tAME) and tert-butyl alcohol (tBA).

Data Management

Chemical analysis and water level data were submitted electronically to the SWRCB Geographical Environmental Information Management System (GeoTracker) database as required by AB2886 (Water Code Sections 13195-13198). Electronic analytical reports (EDF files) are prepared and formatted by the laboratory and submitted by Matriks Corp. Along with the analytical results, well latitudes, longitudes (GEO_XY files), and elevations (GEO_Z files)

are submitted to the database. Submittal of depth to groundwater report (GEO_WELL file) is required for each monitoring event. Current maps (GEO_MAP files) are submitted when site features are added or changed. A copy of this report in PDF format (GEO_REPORT file) is also submitted.

The report was also submitted to the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) website site (<http://www.acgov.org/aceh/lop/ust.htm>) using the file transfer protocol (ftp). This electronic copy replaces paper copy submittals and is used for all public information requests.

Monitoring Well Destruction

Wells MW-1, MW-3 and MW-6 were destroyed during UST and contaminated soil removal in July 2008. The wells ranged from 15 to 16.5 feet deep and were removed using an excavator to expose the entire length of the casing. A well destruction permit was obtained from the Alameda County Public Works Agency and is included as **Appendix B**.

Groundwater Analytical Results for Monitoring Wells

Groundwater analytical results for the monitoring wells are summarized in **Table 3**. Laboratory analytical reports are included in **Appendix C**. Environmental screening levels (ESLs) used in this report were derived from the San Francisco Bay RWQCB publication *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, Interim Final Revised May 2008. Concentrations above ESLs are listed in **Table 3** in bold.

Analytical results were similar to prior data in that the highest hydrocarbon concentrations were detected in wells MW-3 and MW-6. However, MW-1 was not sampled due to the presence of 14 inches of floating product in this well. MW-6 is located approximately 8 feet from the former UST pit and MW-3 is located approximately 23 feet from this same UST pit.

The highest TPH-d concentration was observed in well MW-6 at 17,000 micrograms per liter ($\mu\text{g/L}$). The concentration last quarter was less than 1,500 $\mu\text{g/L}$. The concentrations of TPH-g, benzene, toluene, ethylbenzene, xylenes, MtBE and tBA were all higher than in the previous sampling event. The groundwater elevation was 1.2 feet lower than in the previous sampling event. TPH-g and benzene were detected in this well above their respective ESLs this quarter.

The highest TPH-g concentration was observed in well MW-3 at 31,000 $\mu\text{g/L}$. The concentration last quarter was 35,000 $\mu\text{g/L}$. The concentrations of TPH-g and TPH-d were lower than in the previous sampling event while the concentrations of BTEX, MtBE and tBA were higher. The groundwater elevation was 2.0 feet lower than in the previous sampling event.

Well MW-2 yielded concentrations of TPH-g (1,100 $\mu\text{g/L}$), TPH-d (280 $\mu\text{g/L}$), benzene (2.4 $\mu\text{g/L}$) and MtBE (92 $\mu\text{g/L}$) that were above ESLs. The groundwater elevation was 1.04 feet lower than in the previous sampling event.

Well MW-4 yielded concentrations of TPH-d (150 µg/L) and MtBE (5.9 µg/L) that were above ESLs. The groundwater elevation was 1.15 feet lower than in the previous sampling event.

Well MW-5 yielded TPH-g (140 µg/L) and TPH-d (3,000 µg/L) concentrations that were above ESLs. The groundwater elevation was 1.07 feet lower than in the previous sampling event.

Well MW-1 was not sampled because free product was observed floating on the water table. Well MW-8 was not sampled this quarter because a truck was parked over it and it was not accessible. None of the remaining wells (MW-7, MW-9 and MW-10) had concentrations above ESLs. The groundwater elevation in MW-7 was 1.05 feet lower than in the previous sampling event. The groundwater elevation in MW-10 was 0.26 feet higher than in the previous sampling event. The elevation in MW-9 could not be determined since elevation data was not collected in this well last quarter.

CONCLUSIONS

Monitoring well MW-1 contained approximately 14 inches of free-phase hydrocarbons this quarter. Due to the presence of free product this well was not sampled.

Hydrocarbon concentrations in well MW-2 were higher for all detected constituents except MtBE when compared to the previous quarter.

The highest TPH-g concentration was observed in well MW-3. The concentrations of TPH-g and TPH-d were lower than in the previous sampling event while the concentrations of BTEX, MtBE and tBA were higher.

The concentrations of TPH-d decreased and the MtBE and tBA concentrations increased in well MW-4.

Concentrations of TPH-g, TPH-d and tBA increased in well MW-5.

Concentrations of TPH-g, TPH-d, BTEX, MtBE and tBA increased in well MW-6.

The concentration of MtBE increased slightly in well MW-7. This was the only constituent detected.

Well MW-8 was not sampled this quarter because it was not accessible.

Hydrocarbons were not detected in well MW-9.

Concentrations of TPH-d and tBA increased in well MW-10 while the concentration of MtBE decreased slightly.

Groundwater elevations were from 1.04 to 1.21 feet lower when compared to the previous sampling event. The exception to this was MW-10 where the elevation was 0.26 feet higher.

Groundwater samples collected from the following monitoring wells contained concentrations of the listed compounds equal to or greater than Environmental Screening Levels (ESLs) for sites where groundwater is a potential source of drinking water as presented in the "Screening for

Environmental Concerns at Sites With Contaminated Soil and Groundwater” document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) dated November 2007:

- MW-2 TPH-g, TPH-d, benzene and MtBE
- MW-3 TPH-g, TPH-d, benzene, ethylbenzene, xylenes and MtBE
- MW-4 TPH-d and MtBE
- MW-5 TPH-g and TPH-d
- MW-6 TPH-g, TPH-d, benzene, xylenes and MtBE

RECOMMENDATIONS

We recommend preparation of a Remedial Investigation/Feasibility Study to evaluate remedial options for reducing the risk from contaminated soil and groundwater at this site. An interim remedial action is recommended to remove free-phase hydrocarbon removal in the vicinity of the former dispenser islands. A French drain to intercept free product was installed in July 2008. We recommend installing a pneumatic pump in the riser pipe connected to the French drain. The pump will deliver contaminated groundwater and free product to an oil water separator. Water will be pumped from the separator through two 500-pound granular activated carbon (GAC) canisters. Effluent from this treatment system will be tested and discharged to the sanitary sewer under permit from the East Bay Municipal Utility District.

TABLES

Table 1
Well Construction Details
Oakland Truck Stop, Oakland, California

Well ID	Date Installed	Total Depth (feet)	Screened Interval (feet)	Water-Bearing Zone	Screen Slot Size (inches)	Filter Pack Interval (feet)	Bentonite Interval (feet)	Grout Interval (feet)	TOC Elevation (feet amsl)	Northing Coordinates (feet)	Easting Coordinates (feet)	Comments
MW-1	02/18/99	16.5	15.5-5.5	Clay	0.02	16.5-4.5	4.5-3	3--1	11.02	2099557.04	6072595.30	well destroyed during soil excavation
MW-2	02/19/99	16.5	15.5-5.5	Clayey Fine Sand	0.02	16.5-4.5	4.5-3	3--1	10.70	2099465.48	6072531.46	
MW-3	02/18/99	16.5	15.5-5.5	Clay	0.02	16.5-4.5	4.5-3	3--1	10.33	2099455.51	6072586.53	well destroyed during soil excavation
MW-4	02/19/99	16.5	15-5.5	Clay	0.02	16.5-4.5	4.5-3	3--1	10.50	2099528.03	6072468.70	
MW-5	12/01/99	15	15-5	Clay	0.02	15-4	4-3.5	3.5-1.5	10.20	2099600.85	6072533.52	
MW-6	12/01/99	15	15-5	Sandy Silt	0.02	15-4	4-3.5	3.5-1.5	10.71	2099444.41	6072615.62	well destroyed during soil excavation
MW-7	07/08/02	16.5	16.5-5	Silty Sand, Clayey Silt	0.02	16.5-4	4-3.5	3.5-1.5	9.17	2099379.77	6072513.11	
MW-8	07/08/02	15.5	15-5	Silty Sand, Clayey Silt	0.02	15.5-4	4-3.5	3.5-1.5	9.68	2099392.92	6072580.86	
MW-9	07/08/02	20	20-5	Silty Sand, Silty Clay	0.02	20-4	4-3.5	3.5-1.5	11.07	2099435.20	6072631.28	
MW-10	10/10/06	20	20-5	Silty Clay	0.02	20-4	4-3.5	3.5-1.5	11.56	2099506.21	6072656.48	

Table 2
Groundwater Elevation Data
8255 San Leandro Street
Oakland, California

WELL ID	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6	
TOC ELEV	11.02		10.7		10.32		10.5		10.2		10.71	
DATE	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
08/16/99	NM		6.3	4.4	5.85	4.47	6.12	4.38	Well Does Not Exist		Well Does Not Exist	
08/27/99	6.85	4.17	NM		NM		NM					
09/10/99	6.65	4.37	NM		NM		NM					
09/24/99	6.87	4.15	NM		NM		NM					
10/08/99	6.81	4.21	NM		NM		NM					
10/22/99	6.94	4.08	NM		NM		NM					
11/02/99	6.91	4.11	NM		NM		NM					
11/19/99	6.93	4.09	NM		NM		NM					
12/06/99	5.93	5.09	8.46	2.24	5.7	4.62	5.98	4.52	5.94	4.26	5.8	4.91
03/08/00	6.57	4.45	9.12	1.58	5.32	5	4.32	6.18	4.06	6.14	4.1	6.61
06/14/00	6.7	4.32	8.34	2.36	6.95	3.37	5.58	4.92	5.25	4.95	5.64	5.07
12/11/00	5.75	5.27	5.94	4.76	6.22	4.1	5.7	4.8	5.45	4.75	5.72	4.99
03/06/01	7.6	3.42	4.7	6	4.83	5.49	4.46	6.04	4.12	6.08	4.32	6.39
06/06/01	6.8	4.22	6.03	4.67	5.62	4.7	5.89	4.61	5.56	4.64	5.81	4.9
09/04/01	7.47*	3.55	6.34	4.36	5.91	4.41	6.16	4.34	5.84	4.36	6.12	4.59
03/11/02	6.49	4.53	4.89	5.81	4.42	5.9	4.67	5.83	4.38	5.82	4.49	6.22
06/06/02	6.49	4.53	5.69	5.01	5.19	5.13	5.5	5	5.16	5.04	5.33	5.38
09/04/02	6.89	4.13	6.17	4.53	5.72	4.6	5.97	4.53	5.62	4.58	5.92	4.79
12/17/02	4.65	6.37	4.39	6.31	3.96	6.36	4.22	6.28	4.12	6.08	3.85	6.86
03/07/03	6.55	4.47	5.44	5.26	4.88	5.44	5.23	5.27	4.89	5.31	4.96	5.75
06/05/03	9.77	1.25	5.59	5.11	5.05	5.27	5.38	5.12	5.04	5.16	5.18	5.53
09/19/03	6.56	4.46	6.09	4.61	5.62	4.7	5.91	4.59	5.56	4.64	5.81	4.9
12/12/03	5.63	5.39	5.13	5.57	4.68	5.64	4.91	5.59	4.72	5.48	4.73	5.98
03/15/04	7.11	3.91	5.71	4.99	4.52	5.80	4.94	5.56	4.61	5.59	5.65	5.06
06/22/04	NM		5.8	4.9	6.49	3.83	5.68	4.82	5.25	4.95	5.34	5.37

Table 2
Groundwater Elevation Data
8255 San Leandro Street
Oakland, California

WELL ID	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6	
TOC ELEV	11.02		10.7		10.32		10.5		10.2		10.71	
DATE	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
09/21/04	NM		6.64	4.06	5.72	4.6	6.01	4.49	5.68	4.52	5.89	4.82
12/30/04	Probe Malfunction		6.04	4.66	4.72	5.6	4.55	5.95	4.55	5.65	4.35	6.36
04/06/05	5.7	5.32	Truck Over Well		3.78	6.54	4.09	6.41	3.98	6.22	3.66	7.05
09/29/05	5.4	5.62	Truck Over Well		5.85	4.47	5.56	4.94	5.28	4.92	6	4.71
12/09/05	10.7	0.32	5.6	5.1	5.01	5.31	5.28	5.22	5.05	5.15	5.17	5.54
03/07/06	9.05	1.97	4.25	6.45	3.75	6.57	4	6.5	3.96	6.24	4.55	6.16
06/20/06	4.61	6.41	5.04	5.66	4.81	5.51	5.14	5.36	4.51	5.69	4.96	5.75
08/23/06	5.51	5.51	5.7	5	5.22	5.1	5.51	4.99	7.47	2.73	5.42	5.29
10/12/06	NM		NM		NM		NM		NM		NM	
11/09/06	5.56	5.46	6.27	4.43	5.36	4.96	5.64	4.86	5.42	4.78	5.57	5.14
03/20/07	9.69	1.33	6.45	4.25	5.06	5.26	4.9	5.6	4.83	5.37	4.59	6.12
05/17/07	9.55	1.47	6.74	3.96	6.35	3.97	5.18	5.32	5.29	4.91	5.12	5.59
08/16/07	6.95	4.07	7.19	3.51	6.46	3.86	5.81	4.69	5.31	4.89	7.55	3.16
12/05/07	5.5	5.52	5.64	5.06	4.82	5.5	5.2	5.3	4.9	5.3	5.3	5.41
02/27/08	7.28	3.74	4.64	6.06	4.54	5.78	4.43	6.07	4.17	6.03	4.33	6.38
06/28/08	NM		5.68	5.02	6.41	3.91	5.58	4.92	5.24	4.96	5.54	5.17
Δ	--		1.04		1.87		1.15		1.07		1.21	

All measurements are in feet. DTW = Depth to water below top of PVC casing.

TOC = Top of casing. ELEV = Elevation above mean sea level.

D = The change in water level (elevation this quarter minus elevation last quarter).

NM = not measured

Table 2
Groundwater Elevation Data
8255 San Leandro Street
Oakland, California

WELL ID	MW-7		MW-8		MW-9		MW-10		
TOC ELEV	9.17		9.68		11.07		11.56		
DATE	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	
09/04/02	4.67	4.5	4.94	4.74	6.26	4.81	Well Does Not Exist		
12/17/02	3.11	6.06	3.26	6.42	4.23	6.84			
03/07/03	3.89	5.28	4.01	5.67	5.26	5.81			
06/05/03	3.57	5.6	4.28	5.4	5.56	5.51			
09/19/03	4.57	4.6	4.87	4.81	6.25	4.82			
12/12/03	3.48	5.69	3.77	5.91	Truck Over Well				
03/15/04	Truck Over Well		3.53	6.15	5.04	6.03			
06/22/04	4.52	4.65	4.52	5.16	5.91	5.16			
09/21/04	4.56	4.61	4.7	4.98	6.24	4.83			
12/30/04	3.17	6	4.23	5.45	Truck Over Well				
04/06/05	2.77	6.4	3.5	6.18	4.12	6.95			
09/29/05	4.27	4.9	4.62	5.06	5.55	5.52			
12/09/05	4.86	4.31	3.92	5.76	5.51	5.56			
03/07/06	2.8	6.37	NM		NM				
06/20/06	3.6	5.57	3.84	5.84	5.39	5.68			
08/23/06	4.89	4.28	NM		4.78	6.29			
10/12/06	NM		NM		NM			6.02	5.54
11/09/06	4.23	4.94	4.39	5.29	5.87	5.2		6.24	5.32
03/20/07	3.55	5.62	NM		5.02	6.05		5.21	6.35
05/17/07	4.02	5.15	3.95	5.73	5.53	5.54		6.21	5.35
08/16/07	4.35	4.82	4.46	5.22	Truck Over Well			6.56	5
12/05/07	Truck Over Well		4.3	5.38	Truck Over Well			6.42	5.14
02/27/08	3.11	6.06	Truck Over Well		Truck Over Well			6.53	5.03
06/28/08	4.16	5.01	Truck Over Well		5.9	5.17		6.27	5.29
Δ	1.05		--		--			-0.26	

Table 3
Groundwater Analytical Results
8255 San Leandro Street
Oakland, California

Well ID	Date	TPH-g	TPH-d	TPH-mo	B	T	E	X	MtBE	DIPE	EtBE	tAME	tBA
MW-1	08/16/99	Not Sampled Due to Free-Floating Hydrocarbons											
	12/06/99	Not Sampled Due to Free-Floating Hydrocarbons											
	03/08/00	Not Sampled Due to Free-Floating Hydrocarbons											
	06/14/00	Not Sampled Due to Free-Floating Hydrocarbons											
	12/11/00	Not Sampled Due to Free-Floating Hydrocarbons											
	03/06/01	Not Sampled Due to Free-Floating Hydrocarbons											
	06/06/01	Not Sampled Due to Free-Floating Hydrocarbons											
	09/04/02	Not Sampled Due to Free-Floating Hydrocarbons											
	03/11/02	Not Sampled Due to Free-Floating Hydrocarbons											
	06/06/02	Not Sampled Due to Free-Floating Hydrocarbons											
	09/04/02	Not Sampled Due to Free-Floating Hydrocarbons											
	12/17/02	Not Sampled Due to Free-Floating Hydrocarbons											
	03/07/03	Not Sampled Due to Free-Floating Hydrocarbons											
	06/05/03	Not Sampled Due to Free-Floating Hydrocarbons											
	09/19/03	Not Sampled Due to Free-Floating Hydrocarbons											
	12/12/03	Not Sampled Due to Free-Floating Hydrocarbons											
	03/15/04	Not Sampled Due to Free-Floating Hydrocarbons											
	06/22/04	Not Sampled Due to Free-Floating Hydrocarbons											
	09/21/04	Not Sampled Due to Free-Floating Hydrocarbons											
	12/30/04	Not Sampled Due to Free-Floating Hydrocarbons											
	04/06/05	Not Sampled Due to Free-Floating Hydrocarbons											
	09/29/05	Not Sampled Due to Free-Floating Hydrocarbons											
	12/09/05	Not Sampled Due to Free-Floating Hydrocarbons											
	03/06/06	Not Sampled Due to Free-Floating Hydrocarbons											
	06/20/06	Not Sampled Due to Free-Floating Hydrocarbons											
	08/23/06	Not Sampled Due to Free-Floating Hydrocarbons											
	11/16/06	Not Sampled Due to Free-Floating Hydrocarbons											
	03/20/07	Not Sampled Due to Free-Floating Hydrocarbons											
	05/17/07	Not Sampled Due to Free-Floating Hydrocarbons											
	08/16/07	Not Sampled Due to Free-Floating Hydrocarbons											
12/05/07	Not Sampled Due to Free-Floating Hydrocarbons												
02/27/08	Not Sampled Due to Free-Floating Hydrocarbons												
06/28/08	Not Sampled Due to Free-Floating Hydrocarbons												
MW-2	08/16/99	2,200	970	<500	3.8	<2.0	3	<4.0	<20	NA	NA	NA	NA
	12/06/99	1,900	400	<500	16	<0.5	1.5	<0.5	5.2	NA	NA	NA	NA
	03/08/00	1,600*	530	<500	9.7	<0.5	2.7	<0.5	27	NA	NA	NA	NA
	06/14/00	2,000	75	<100	2.8	<0.5	3.4	<0.5	16	3.4	<0.5	<0.5	64
	12/11/00	1,000	120	<100	2.6	<0.5	<0.5	<0.5	15	2.9	<0.5	<0.5	62
	03/06/01	1,500	1400	NA	2.2	<0.5	1.7	<0.5	22	3.4	<0.5	<0.5	83
	06/06/01	1,700	190	NA	2.6	<0.5	2.3	<0.5	26	3.2	<0.5	<0.5	83
	09/04/02	2,000	450	NA	2.7	<0.5	2.1	<0.5	33	3.4	<0.5	<0.5	93
	03/11/02	1,100	410	NA	1.0	<0.5	0.5	<0.5	26	2.5	<0.5	<0.5	69
	06/06/02	900	430	NA	1.2	<0.5	<0.5	<0.5	23	2.8	<0.5	<0.5	73
	09/04/02	910	510	NA	1.6	<0.5	<0.5	<0.5	45	2.5	<0.5	<0.5	67

Table 3
Groundwater Analytical Results
8255 San Leandro Street
Oakland, California

Well ID	Date	TPH-g	TPH-d	TPH-mo	B	T	E	X	MtBE	DIPE	EtBE	tAME	tBA	
MW-2	12/17/02	190	220	NA	0.65	<0.5	<0.5	<0.5	34	1.5	<0.5	<0.5	46	
	03/07/03	380	300	NA	0.81	<0.5	<0.5	<0.5	50	1.9	<0.5	<0.5	73	
	06/05/03	2,200	2200	NA	1.7	<0.5	1.5	<0.5	180	4.9	<0.5	1.3	110	
	09/19/03	2,300	520	NA	2	<0.5	2.1	<0.5	180	3.7	<0.5	1.1	120	
	12/12/03	3,000	2200	NA	2.1	<0.5	1.7	<0.5	250	4.5	<0.5	1.6	130	
	03/15/04	Not Sampled - Truck Parked on Well							Not Sampled - Truck Parked on Well					
	06/22/04	1,600	420	NA	1.3	<0.5	1.0	<0.5	580	4.6	<0.5	3.9	340	
	09/21/04	2,500	<400	NA	1.2	<0.5	1.5	<0.5	730	5.9	<0.5	4.9	550	
	12/30/04	1,800	<300	NA	1.2	<1.0	<1.0	<1.0	540	5	<1.0	3.6	400	
	04/06/05	Not Sampled - Truck Parked on Well												
	09/29/05	Not Sampled - Truck Parked on Well												
	12/09/05	1,000	720	NA	1.0	<0.7	<0.7	<0.7	330	6.5	<0.7	2.3	1,800	
	03/06/06	1,000	<80	NA	1.2	<0.5	0.6	<0.5	290	5.4	<0.5	1.9	1,600	
	06/20/06	1,100	<80	NA	1.6	<0.5	1.0	<0.5	280	5.8	<0.5	1.5	<1,500	
	08/23/06	1,600	<200	NA	1.5	<0.9	<0.9	<0.9	290	5.5	<0.9	1.8	2,100	
	11/16/06	350	120	NA	0.56	<0.5	<0.5	<0.5	180	4.1	<0.5	0.96	1,300	
	03/20/07	460	110	NA	0.67	<0.5	<0.5	<0.5	160	4.3	<0.5	0.9	1,500	
	05/17/07	710	85	NA	<0.5	<0.5	<0.5	<0.5	160	4.4	<0.5	0.88	2,000	
	08/16/07	460	200	NA	<0.9	<0.9	<0.9	<0.9	150	6.1	<0.9	<0.9	2,700	
	12/05/07	1,500	<80	NA	<0.9	<0.9	<0.9	<0.9	66	3.8	<0.9	<0.9	2,000	
02/27/08	810	<80	NA	0.54	<0.5	<0.5	<0.5	97	3.6	<0.5	0.52	1,400		
06/28/08	1,100	280	NA	2.4	5.4	<0.5	<0.5	92	<10	<10	<10	1,600		
MW-3	08/16/99	56,000	10,000**	<500	17000	2600	2600	1200	6,100	NA	NA	NA	NA	
	12/06/99	40,000	9,100*	<500	16000	140	1800	100	4,000	NA	NA	NA	NA	
	03/08/00	22,000	4,500*	<500	11000	72	1100	130	3,400	NA	NA	NA	NA	
	06/14/00	34,000	16,000	<100	13000	94	1300	160	4,800	31	<10	21	2,700	
	12/11/00	24,000	14,000	<100	13000	88	750	120	4,300	<50	<50	<50	2,300	
	03/06/01	34,000	12,000	NA	15000	100	1100	130	4,000	<50	<50	<50	2,100	
	06/06/01	34,000	20,000	NA	14000	94	550	110	4,400	<50	<50	<50	2,300	
	09/04/02	29,000	19,000	NA	13000	83	480	83	4,100	<50	<50	<50	3,400	
	03/11/02	12,000	14,000	NA	2900	<20	110	<20	530	<20	<20	<20	330	
	06/06/02	20,000	14,000	NA	10000	<50	200	51	2,400	<50	<50	<50	1,200	
	09/04/02	24,000	17,000	NA	11000	<50	140	<50	3,200	<50	<50	<50	1,400	
	12/17/02	4,900	17,000	NA	2000	<10	52	12	360	<10	<10	<10	220	
	03/07/03	8,700	16,000	NA	1300	<10	43	11	770	<10	<10	<10	360	
	06/05/03	27,000	14,000	NA	10000	53	220	53	5,000	<50	<50	<50	1,600	
	09/19/03	120,000	13,000	NA	20000	170	710	250	6,100	<25	<25	<25	2,600	
	12/12/03	29,000	27,000	NA	12000	74	240	79	5,600	17	<10	30	2,100	
	03/15/04	28,000	21,000	NA	11000	72	220	64	8,200	<50	<50	<50	2,900	
	06/22/04	29,000	7,600	NA	11000	71	220	54	8,400	<50	<50	<50	3,000	
	09/21/04	33,000	<5,000	NA	12000	67	190	56	8,200	<25	<25	47	3,200	
	12/30/04	30,000	13,000	NA	11000	62	170	49	8,900	<25	<25	49	3,200	
04/06/05	29,000	46,000	NA	10000	55	170	47	8,800	<25	<25	50	4,400		
09/29/05	28,000	1,800	NA	8700	74	190	53	7,300	<15	<15	53	4,500		

Table 3
Groundwater Analytical Results
8255 San Leandro Street
Oakland, California

Well ID	Date	TPH-g	TPH-d	TPH-mo	B	T	E	X	MtBE	DIPE	EtBE	tAME	tBA
MW-3	12/09/05	17,000	19,000	NA	5600	40	110	30	4,400	<15	<15	30	2,800
	03/06/06	11,000	16,000	NA	3600	26	96	22	2,400	<7.0	<7.0	19	1,400
	06/20/06	18,000	20,000	NA	6900	45	130	29	500	9.5	<7.0	34	2,900
	08/23/06	22,000	9,500	NA	6200	33	100	19	4,800	9.8	<9.0	34	3,100
	11/16/06	16,000	16,000	810	5800	26	87	18.0	2,700	10	<9.0	20	1,800
	03/20/07	23,000	12,000	410	7600	39	100	21.0	5,000	16	<8.0	35	3,200
	05/17/07	22,000	18,000	NA	10000	44	110	27.0	5,500	<15	<15	41	3,200
	08/16/07	16,000	63,000	NA	5900	33.0	66	25.0	4,600	<15	<15	39	3,400
	12/05/07	21,000	6,400	890	8000	55	120	42	4,600	<15	<15	34	4,600
	02/27/08	35,000	40,000	870	8800	54	100	38	4,300	<15	<15	38	3,300
	06/28/08	31,000	7,500	NA	12000	61	140	42	7,300	<120	<120	<120	4,700
MW-4	08/16/99	61***	1100*	<500	<0.5	<0.5	<0.5	<1.0	86	NA	NA	NA	NA
	12/06/99	130***	220*	<500	<1.0	<1.0	<1.0	<1.0	130	NA	NA	NA	NA
	03/08/00	<50	220*	<500	<0.5	<0.5	<0.5	<0.5	130	NA	NA	NA	NA
	06/14/00	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	100	<0.5	<0.5	<0.5	20
	12/11/00	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	110	<0.5	<0.5	<0.5	16
	03/06/01	<50	670	NA	<0.5	<0.5	<0.5	<0.5	110	<0.5	<0.5	<0.5	9.9
	06/06/01	<50	790	NA	<0.5	<0.5	<0.5	<0.5	110	<0.5	<0.5	<0.5	20
	09/04/02	<50	950	NA	<0.5	<0.5	<0.5	<0.5	110	<0.5	<0.5	<0.5	26
	03/11/02	<50	250	NA	<0.5	<0.5	<0.5	<0.5	84	<0.5	<0.5	<0.5	21
	06/06/02	<50	710	NA	<0.5	<0.5	<0.5	<0.5	92	<0.5	<0.5	<0.5	21
	09/04/02	<50	1,100	NA	<0.5	<0.5	<0.5	<0.5	150	<0.5	<0.5	<0.5	18
	12/17/02	<50	470	NA	<0.5	<0.5	<0.5	<0.5	120	<0.5	<0.5	<0.5	<5.0
	03/07/03	<50	470	NA	<0.5	<0.5	<0.5	<0.5	120	<0.5	<0.5	0.52	18
	06/05/03	<50	2,000	NA	<0.5	<0.5	<0.5	<0.5	110	<0.5	<0.5	0.5	23
	09/19/03	<50	830	NA	<0.5	<0.5	<0.5	<0.5	110	<0.5	<0.5	<0.8	23
	12/12/03	<50	1700	NA	<0.5	<0.5	<0.5	<0.5	120	<0.5	<0.5	<0.5	16
	03/15/04	<50	2,200	NA	<0.5	<0.5	<0.5	<0.5	110	<0.5	<0.5	<0.5	20
	09/21/04	<50	620	NA	<0.5	<0.5	<0.5	<0.5	93	<0.5	<0.5	<0.5	31
	04/06/05	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	59	<0.5	<0.5	<0.5	50
	09/29/05	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	17	<0.5	<0.5	<0.5	120
	12/09/05	<50	760	NA	<0.5	<0.5	<0.5	<0.5	9.5	<0.5	<0.5	<0.5	94
	03/06/06	<50	470	NA	<0.5	<0.5	<0.5	<0.5	11	<0.5	<0.5	<0.5	68
	06/20/06	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	11	<0.5	<0.5	<0.5	120
	08/23/06	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	8.2	<0.5	<0.5	<0.5	140
	11/09/06	<50	200	410	<0.5	<0.5	<0.5	<0.5	7.7	<0.5	<0.5	<0.5	130
	03/20/07	<50	860	NA	<0.5	<0.5	<0.5	<0.5	6.3	<0.5	<0.5	<0.5	42
	05/17/07	<50	600	NA	<0.5	<0.5	<0.5	<0.5	5.6	<0.5	<0.5	<0.5	32
08/16/07	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	4.6	<0.5	<0.5	<0.5	64	
12/05/07	1,300	2,600	5,600	<0.5	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	30	
02/27/08	<50	270	400	<0.5	<0.5	<0.5	<0.5	3.7	<0.5	<0.5	<0.5	9.3	
06/28/08	<40	150	NA	<0.5	<0.5	<0.5	<0.5	5.9	<0.5	<0.5	<0.5	37	
MW-5	12/06/99	450***	2000*	<500	<1.0	<1.0	<1.0	<1.0	21	NA	NA	NA	NA
	03/08/00	51***	530	<500	<0.5	<0.5	<0.5	<0.5	84	NA	NA	NA	NA

Table 3
Groundwater Analytical Results
8255 San Leandro Street
Oakland, California

Well ID	Date	TPH-g	TPH-d	TPH-mo	B	T	E	X	MtBE	DIPE	EtBE	tAME	tBA
MW-5	06/14/00	380	1,400	<100	<0.5	<0.5	<0.5	<0.5	160	12	<0.5	<0.5	22
	12/11/00	540	590	<100	<0.5	<0.5	<0.5	<0.5	240	9.5	<0.5	<0.5	32
	03/06/01	510	2,900	NA	<0.5	<0.5	<0.5	<0.5	140	13	<0.5	<0.5	19
	06/06/01	280	2,700	NA	<0.5	<0.5	<0.5	<0.5	180	13	<0.5	<0.5	26
	09/04/02	630	2,600	NA	<0.5	<0.5	<0.5	<0.5	180	9.4	<0.5	<0.5	29
	03/11/02	97	3,500	NA	<0.5	<0.5	<0.5	<0.5	29	0.8	<0.5	<0.5	7
	06/06/02	61	3,500	NA	<0.5	<0.5	<0.5	<0.5	150	2.9	<0.5	<0.5	34
	09/04/02	92	6,100	NA	<0.5	<0.5	<0.5	<0.5	370	3.6	<0.5	<0.5	72
	12/17/02	110	2,100	NA	<0.5	<0.5	<0.5	<0.5	110	4.2	<0.5	<0.5	14
	03/07/03	71	1,600	NA	<0.5	<0.5	<0.5	<0.5	150	2.2	<0.5	<0.5	35
	06/05/03	95	3,300	NA	<0.5	<0.5	<0.5	<0.5	170	4.6	<0.5	<0.5	43
	09/19/03	100	1,400	NA	<0.5	<0.5	<0.5	<0.5	310	5.2	<0.5	0.68	86
	12/12/03	<50	7,600	NA	<0.5	<0.5	<0.5	<0.5	270	5.9	<0.5	0.7	91
	03/15/04	95	1,700	NA	<0.5	<0.5	<0.5	<0.5	290	6.7	<0.5	0.92	200
	09/21/04	78	990	NA	<0.5	<0.5	<0.5	<0.5	270	4.7	<0.5	0.96	880
	04/06/05	64	1,200	NA	<0.5	<0.5	<0.5	<0.5	120	4.8	<0.5	<0.5	780
	09/29/05	100	640	NA	<0.5	<0.5	<0.5	<0.5	77	3.7	<0.5	<0.5	4,000
	12/09/05	99	3,700	NA	<0.5	<0.5	<0.5	<0.5	66	6.8	<0.5	<0.5	3,000
	03/06/06	66	760	NA	<0.5	<0.5	<0.5	<0.5	42	2.9	<0.5	<0.5	1,600
	06/20/06	84	1,300	NA	<0.5	<0.5	<0.5	<0.5	42	3.6	<0.5	<0.5	3,000
	08/23/06	<200	410	NA	2.1	<2.0	<2.0	<2.0	37	2.8	<2.0	<2.0	4,800
	11/09/06	<200	700	<100	<2.0	<2.0	<2.0	<2.0	28	3.0	<2.0	<2.0	5,600
	03/20/07	<200	430	NA	<2.0	<2.0	<2.0	<2.0	22	3.0	<2.0	<2.0	3,800
	05/17/07	<200	500	NA	<2.0	<2.0	<2.0	<2.0	18	3.5	<2.0	<2.0	4,300
	08/16/07	<200	1,600	NA	<2.0	<2.0	<2.0	<2.0	13	3.0	<2.0	<2.0	6,400
	12/05/07	<200	1,400	120	<2.0	<2.0	<2.0	<2.0	8.2	2.6	<2.0	<2.0	4,700
02/27/08	<90	1,300	190	<0.9	<0.9	<0.9	<0.9	6.0	1.8	<0.9	<0.9	2,800	
06/28/08	140	3,000	NA	<0.5	<0.5	<0.5	<0.5	<50	<50	<50	<50	4,300	
MW-6	12/06/99	13,000	<50	<500	180	21	11	24	<100	NA	NA	NA	NA
	03/08/00	<10,000	4,600*	<500	230	26	18	39	12,000	NA	NA	NA	NA
	06/14/00	8,400	12,000	<100	180	12	10	22	15,000	<5.0	<5.0	70	3,300
	12/11/00	<5,000	10,000	<100	180	<50	<50	<50	14,000	<50	<50	74	2,900
	03/06/01	5,300	6,700	NA	220	<50	<50	<50	13,000	<50	<50	84	2,100
	06/06/01	5,000	2,300	NA	210	<25	<25	<25	14,000	<25	<25	84	4,200
	09/04/02	5,400	2,200	NA	190	12	<10	23	15,000	<10	<10	79	4,000
	03/11/02	4,600	11,000	NA	160	<25	<25	<25	15,000	<25	<25	39	5,100
	06/06/02	<5,000	14,000	NA	200	<50	<50	<50	17,000	<50	<50	77	8,700
	09/04/02	<5,000	50,000	NA	140	<50	<50	<50	21,000	<50	<50	52	7,500
	12/17/02	<5,000	9,100	NA	130	<50	<50	<50	16,000	<50	<50	64	6,300
	03/07/03	<5,000	12,000	NA	160	<50	<50	<50	20,000	<50	<50	53	7,500
	06/05/03	<5,000	23,000	NA	230	<50	<50	<50	19,000	<50	<50	86	7,100
	09/19/03	8,900	24,000	NA	220	<25	<25	<25	15,000	<25	<25	74	8,100
12/12/03	8,000	24,000	NA	190	<25	<25	32	14,000	<25	<25	65	7,400	
03/15/04	4,400	26,000	NA	190	<25	<25	<25	9,900	<25	<25	61	6,700	

Table 3
Groundwater Analytical Results
8255 San Leandro Street
Oakland, California

Well ID	Date	TPH-g	TPH-d	TPH-mo	B	T	E	X	MtBE	DIPE	EtBE	tAME	tBA
MW-6	06/22/04	3,500	7,000	NA	150	<20	<20	<20	9,200	<20	<20	51	6,100
	09/21/04	4,600	12,000	NA	210	<20	<20	<20	8,800	<20	<20	55	7,000
	12/30/04	5,300	11,000	NA	190	<20	<20	<20	6,300	<20	<20	53	4,900
	04/06/05	5,100	680	NA	190	13	12	32	3,700	<5.0	<5.0	42	4,600
	09/29/05	4,900	2,800	NA	130	8.9	<5.0	13	2,100	<5.0	<5.0	23	3,200
	12/09/05	3,600	10,000	NA	110	7.1	<5.0	7.9	2,700	<5.0	<5.0	22	4,200
	03/06/06	3,900	900	NA	120	9.3	5	13	3,000	<0.5	<0.5	26	4,400
	06/20/06	3,600	1,500	NA	140	10	5	18	1,600	<3.0	<3.0	23	3,600
	08/23/06	4,300	<800	NA	140	11	5	13	2,000	<4.0	<4.0	22	4,000
	11/09/06	3,200	1,700	<100	110	6.9	<4.0	8.2	1,500	<4.0	<4.0	16	3,900
	03/20/07	2,100	920	NA	120	7.9	<4.0	7.1	2,000	<4.0	<4.0	20	4,000
	05/17/07	3,800	600	NA	140	9.5	<4.0	15	1,700	<4.0	<4.0	21	3,200
	08/16/07	3,500	780	NA	160	9.3	<3.0	14	1,800	<3.0	<3.0	21	3,600
	12/05/07	4,500	<600	<100	100	7.8	<4.0	14	1,400	<4.0	<4.0	15	4,900
	02/27/08	3,100	<1,500	<100	82	6.1	<2.0	7.9	760	<2.0	<2.0	9.6	4,800
06/28/08	4,700	17,000	NA	160	13	4	11	1,700	<50	<50	<50	6,200	
MW-7	09/04/02	<50	130****	NA	<0.5	<0.5	<0.5	<0.5	3.4	<0.5	<0.5	<0.5	<5.0
	12/17/02	<50	220	NA	<0.5	<0.5	<0.5	<0.5	2.8	<0.5	<0.5	<0.5	<5.0
	03/07/03	<50	140	NA	<0.5	<0.5	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<5.0
	06/05/03	<50	200	NA	<0.5	<0.5	<0.5	<0.5	2.5	<0.5	<0.5	<0.5	<5.0
	09/19/03	<50	320	NA	<0.5	<0.5	<0.5	<0.5	5	<0.5	<0.5	<0.5	<5.0
	12/12/03	<50	380	NA	<0.5	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	<5.0
	03/15/04	Not Sampled - Truck Parked on Well											
	09/21/04	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	2.6	<0.5	<0.5	<0.5	<5.0
	04/06/05	<50	120	NA	<0.5	<0.5	<0.5	<0.5	9.2	<0.5	<0.5	<0.5	<5.0
	09/29/05	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	12	<0.5	<0.5	<0.5	<5.0
	12/09/05	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	10	<0.5	<0.5	<0.5	<5.0
	03/06/06	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	9	<0.5	<0.5	<0.5	<5.0
	06/20/06	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	11	<0.5	<0.5	<0.5	<5.0
	08/23/06	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	8.5	<0.5	<0.5	<0.5	<5.0
	11/09/06	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	5.7	<0.5	<0.5	<0.5	<5.0
	03/20/07	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<5.0
	05/17/07	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	2.0	<0.5	<0.5	<0.5	<5.0
	08/16/07	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<5.0
12/05/07	Not Sampled - Truck Parked on Well												
02/27/08	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	0.81	<0.5	<0.5	<0.5	<5.0	
06/28/08	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<2.0	
MW-8	09/04/02	<50	170	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
	12/17/02	<50	100	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
	03/07/03	<50	62	NA	<0.5	<0.5	<0.5	<0.5	33	<0.5	<0.5	<0.5	<5.0
	06/05/03	<50	270	NA	<0.5	<0.5	<0.5	<0.5	13	<0.5	<0.5	<0.5	<5.0
	09/19/03	<50	250	NA	<0.5	<0.5	<0.5	<0.5	11	<0.5	<0.5	<0.5	<5.0
	12/12/03	<50	420	NA	<0.5	<0.5	<0.5	<0.5	11	<0.5	<0.5	<0.5	<5.0
	03/15/04	<50	250	NA	<0.5	<0.5	<0.5	<0.5	6.4	<0.5	<0.5	<0.5	<5.0

Table 3
Groundwater Analytical Results
8255 San Leandro Street
Oakland, California

Well ID	Date	TPH-g	TPH-d	TPH-mo	B	T	E	X	MtBE	DIPE	EtBE	tAME	tBA
MW-8	09/21/04	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	11	<0.5	<0.5	<0.5	<5.0
	04/06/05	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	8	<0.5	<0.5	<0.5	<5.0
	09/29/05	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	18	<0.5	<0.5	<0.5	<5.0
	12/09/05	<50	86	NA	<0.5	<0.5	<0.5	<0.5	9.7	<0.5	<0.5	<0.5	<5.0
	03/06/06	Not Sampled - Truck Parked on Well											
	06/20/06	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	6.6	<0.5	<0.5	<0.5	<5.0
	08/23/06	Not Sampled - Truck Parked on Well											
	11/09/06	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	9.3	<0.5	<0.5	<0.5	<5.0
	03/20/07	<50	250	NA	<0.5	<0.5	<0.5	<0.5	10	<0.5	<0.5	<0.5	<5.0
	05/17/07	<50	350	NA	<0.5	<0.5	<0.5	<0.5	3.3	<0.5	<0.5	<0.5	<5.0
	08/16/07	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	11	<0.5	<0.5	<0.5	<5.0
	12/05/07	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	13	<0.5	<0.5	<0.5	<5.0
	02/27/08	Not Sampled - Truck Parked on Well											
	06/28/08	Not Sampled - Truck Parked on Well											
MW-9	09/04/02	<2,500	1000	NA	<25	<25	<25	<25	12,000	<25	<25	70	1700
	12/17/02	<2,000	880	NA	<20	<20	<20	<20	4,500	<20	<20	23	2300
	03/07/03	<500	450	NA	<5	<5	<5	<5	1,700	<5	<5	8.4	6600
	06/05/03	<500	4500	NA	<5	<5	<5	<5	120	<5	<5	<5.0	17,000
	09/19/03	<1,000	4500	NA	<10	<10	<10	<10	38	<10	<10	<10	15,000
	12/12/03	Not Sampled - Truck Parked on Well											
	03/15/04	<1,000	82	NA	<10	<10	<10	<10	38	<10	<10	<10	18,000
	09/21/04	<1,000	2600	NA	<10	<10	<10	<10	17	<10	<10	<10	16,000
	12/30/04	Not Sampled - Truck Parked on Well											
	04/06/05	<700	<50	NA	<7	<7	<7	<7	55	<7	<7	<7	15,000
	09/29/05	<700	<50	NA	<7	<7	<7	<7	34	<7	<7	<7	1,300
	12/09/05	<400	3200	NA	46	<4.0	<4.0	<4.0	12	<4.0	<4.0	<4.0	8,200
	03/06/06	Not Sampled - Truck Parked on Well											
	06/20/06	Not Sampled - Truck Parked on Well											
	08/23/06	<250	<50	NA	9.6	<2.5	<2.5	<2.5	18	<2.5	<2.5	<2.5	6,000
	11/09/06	<150	<50	NA	13	<1.5	<1.5	<1.5	3	<1.5	<1.5	<1.5	3,900
	03/20/07	<150	<50	NA	<0.5	<0.5	<0.5	<0.5	3	<0.5	<0.5	<0.5	2,900
	05/17/07	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	6	<0.5	<0.5	<0.5	880
	08/16/07	Not Sampled - Truck Parked on Well											
	12/05/07	Not Sampled - Truck Parked on Well											
02/27/08	Not Sampled - Truck Parked on Well												
06/28/08	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	<5.0	<5.0	950	
MW-10	10/12/06	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	27
	11/09/06	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	82
	03/20/07	<50	270	NA	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	84
	05/17/07	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	55
	08/16/07	<50	<50	NA	<0.5	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	28
	12/05/07	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	0.94	<0.5	<0.5	<0.5	13
	02/27/08	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	7.3
	06/28/08	<50	63	NA	<0.5	<0.5	<0.5	<0.5	0.83	<0.5	<0.5	<0.5	8.7

Table 3
Groundwater Analytical Results
8255 San Leandro Street
Oakland, California

Well ID	Date	TPH-g	TPH-d	TPH-mo	B	T	E	X	MtBE	DIPE	EtBE	tAME	tBA
ESL		100	100	100	1.0	130	43	10	5	NE	NE	NE	18,000

Notes:

Concentrations are recorded in units of micrograms per liter (ug/L).

ESL Environmental Screening Level for Potable Groundwater

* Non-typical diesel patten, hydrocarbons in early diesel range

** Estimated concentration due to overlapping fuel patterns in sample

*** Non-typical gasoline pattern

**** Non-typical diesel pattern

NE ESL is not established for this compc MtBE methyl tert-butyl ether

NA analyte not tested

DIPE di-isopropyl ether

TPH-g total petroleum hydrocarbons as gasc EtBE ethyl tert-butyl ether

TPH-d total petroleum hydrocarbons as dies tAME tert-amyl methyl ether

B benzene

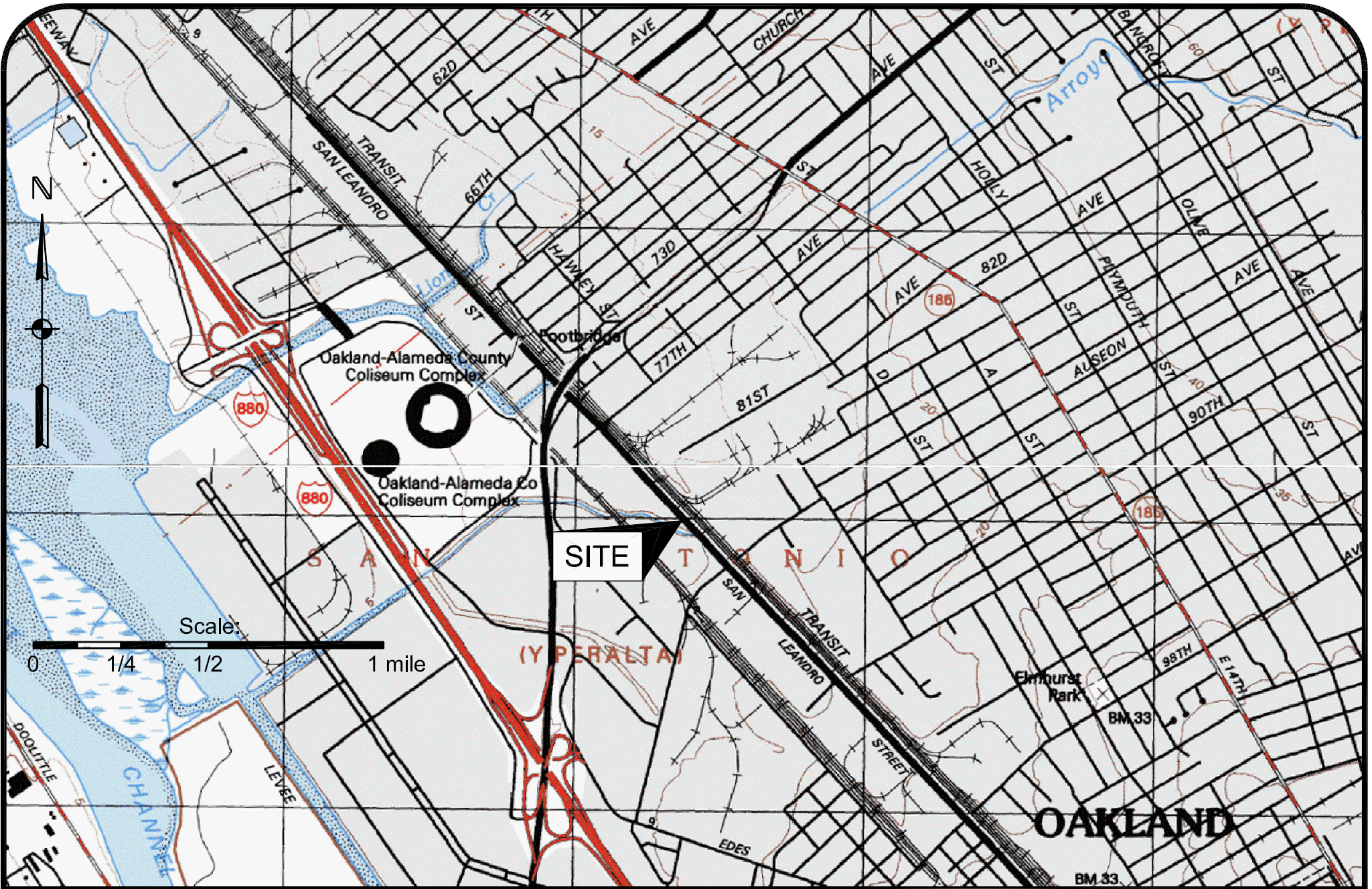
tBA tert-butanol

T toluene

E ethylbenzene

X xylenes

FIGURES



Cook Environmental Services, Inc.

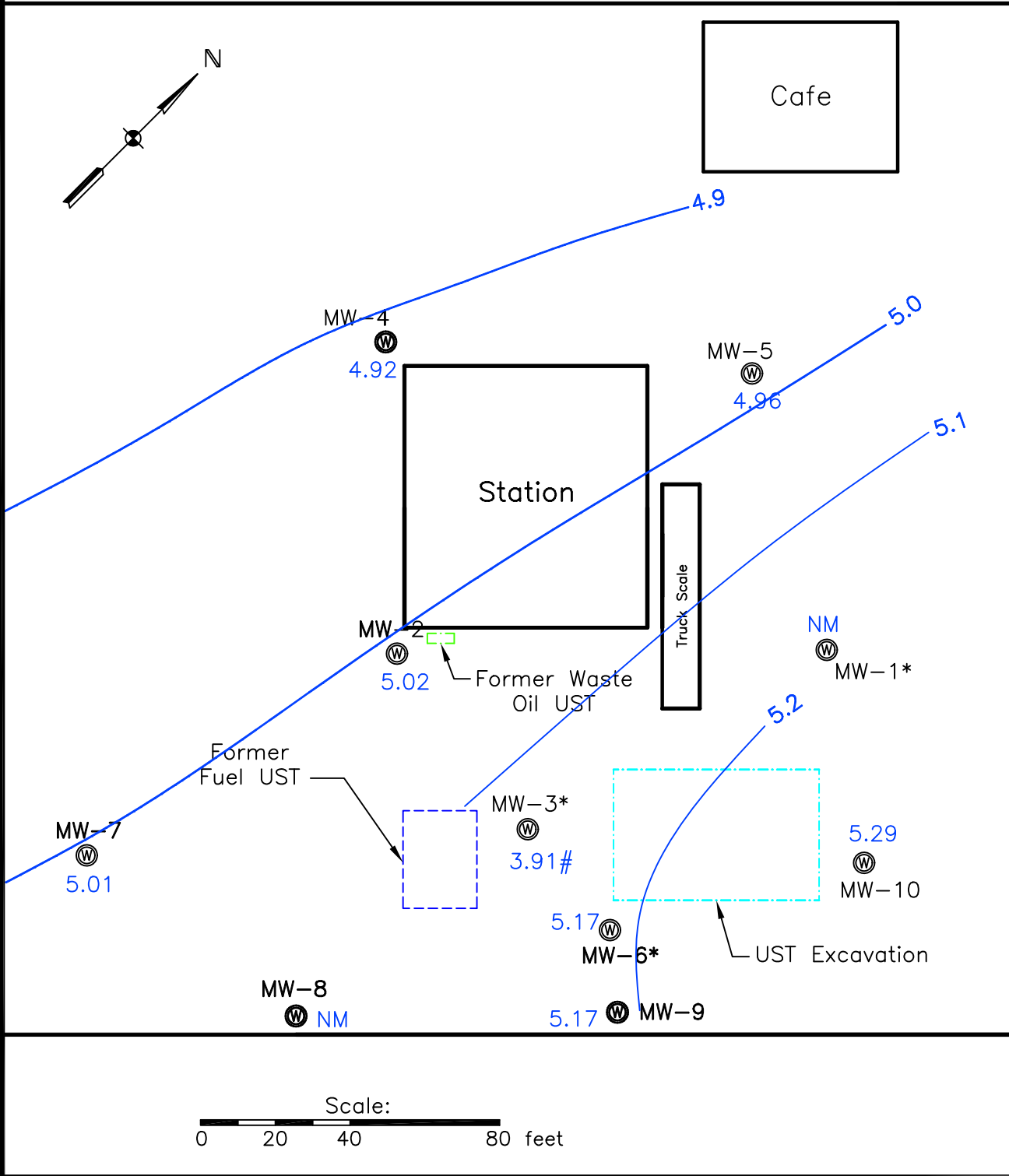
3080 Hilltop Mall Rd.
 Richmond, CA 94806
 (510) 226-1200 work
 (925) 787-6869 cell
 tcook@cookenvironmental.com

Location Map
Oakland Truck Stop
8255 San Leandro Street
Oakland, California

Project #: 1034	Figure:
Date: 9/15/08	1
Scale: As Shown	

Legend

- * Wells Destroyed in July 2008
- ⊗ Monitoring Well
- # Well elevation excluded in Contours



San Leandro Street

Cook Environmental Services, Inc.
 3080 Hilltop Mall Rd.
 Richmond, CA 94806
 (510) 226-1200 work
 (925) 787-6869 cell
 tcook@cookenvironmental.com

Groundwater Elevations

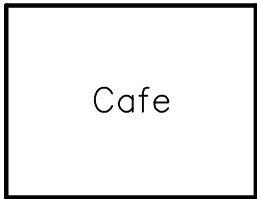
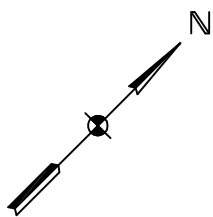
Oakland Truck Stop

8255 San Leandro Street
 Oakland, California

Project : 1034	2
Date: 9/15/08	
Scale: 1" = 40'	

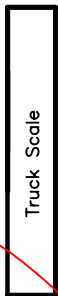
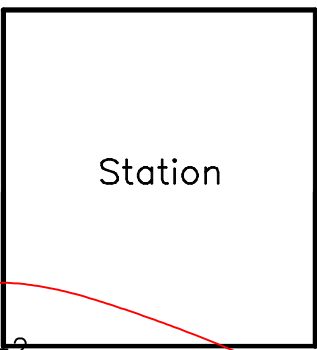
Legend

- * Wells Destroyed in July 2008
- ⊗ Monitoring Well



MW-4
⊗
5.9

MW-5
⊗
<50



MW-2
⊗
92

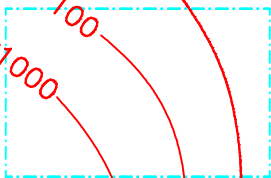
Former Waste Oil UST

NS ⊗ MW-1*

Former Fuel UST

MW-7
⊗
1.2

MW-3*
⊗
7,300



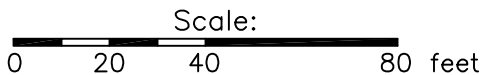
0.83
⊗
MW-10

1,700
⊗
MW-6*

UST Excavation

MW-8
⊗
NS

<5.0 ⊗ MW-9



San Leandro Street

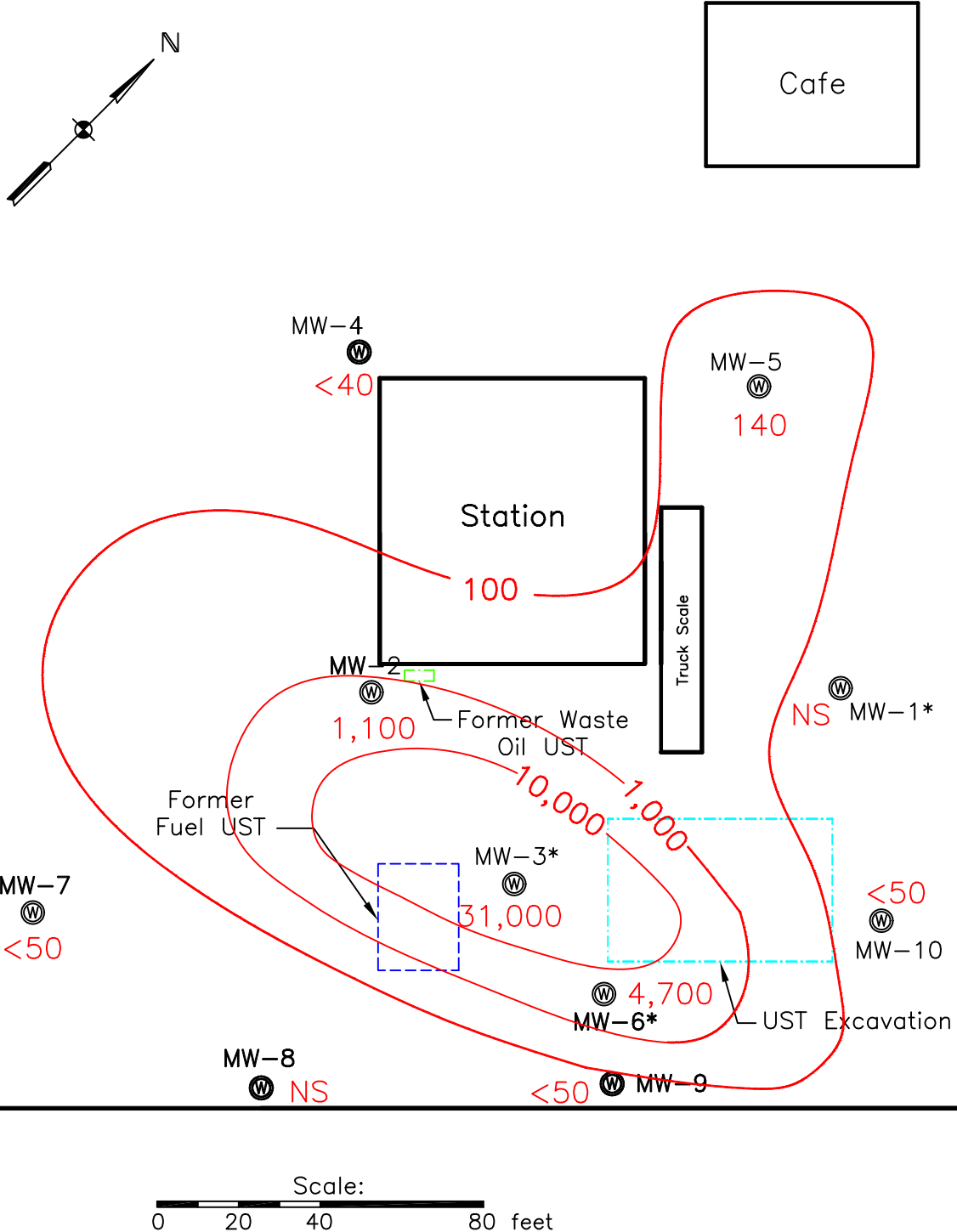
Cook Environmental Services, Inc.
3080 Hilltop Mall Rd.
Richmond, CA 94806
(510) 226-1200 work
(925) 787-6869 cell
tcook@cookenvironmental.com

TPH-d Concentrations
Oakland Truck Stop
8255 San Leandro Street
Oakland, California

Project : 1034	3
Date: 9/15/08	
Scale: 1" = 40'	

Legend

- * Wells Destroyed in July 2008
- ⊙ Monitoring Well



San Leandro Street

Cook Environmental Services, Inc.

3080 Hilltop Mall Rd.
 Richmond, CA 94806
 (510) 226-1200 work
 (925) 787-6869 cell
 tcook@cookenvironmental.com

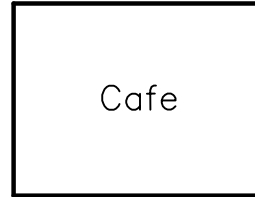
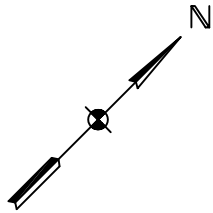
TPH-g Concentrations

Oakland Truck Stop
8255 San Leandro Street
Oakland, California

Project : 1034	Figure :
Date: 9/15/08	4
Scale: 1" = 40'	

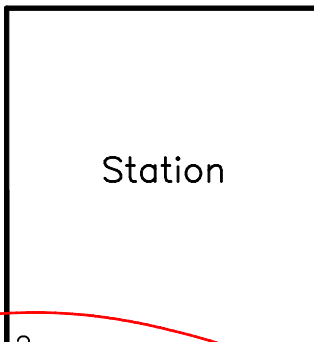
Legend

- * Wells Destroyed in July 2008
- Ⓜ Monitoring Well



MW-4
Ⓜ
<0.5

MW-5
Ⓜ
<0.5



MW-2
Ⓜ
2.4

NS Ⓜ MW-1*

Former Waste Oil UST

Former Fuel UST

MW-7
Ⓜ
<0.5

MW-3*
Ⓜ
12,000

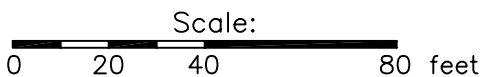
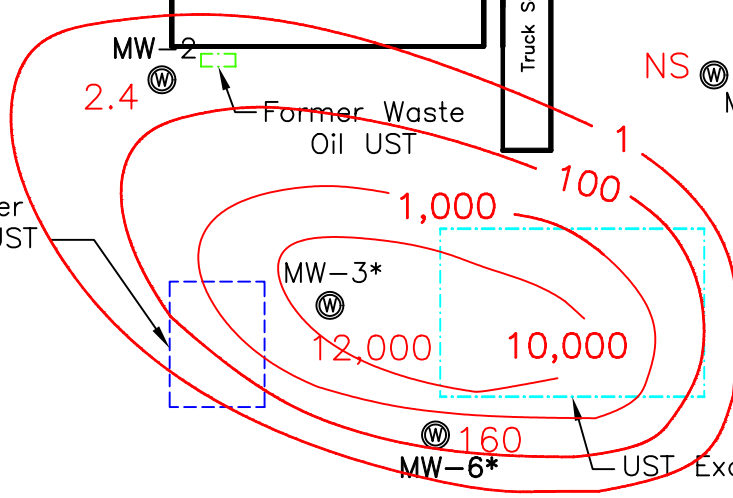
<0.5
Ⓜ MW-10

MW-6*
Ⓜ
160

UST Excavation

MW-8
Ⓜ
NS

<0.5 Ⓜ MW-9



San Leandro Street

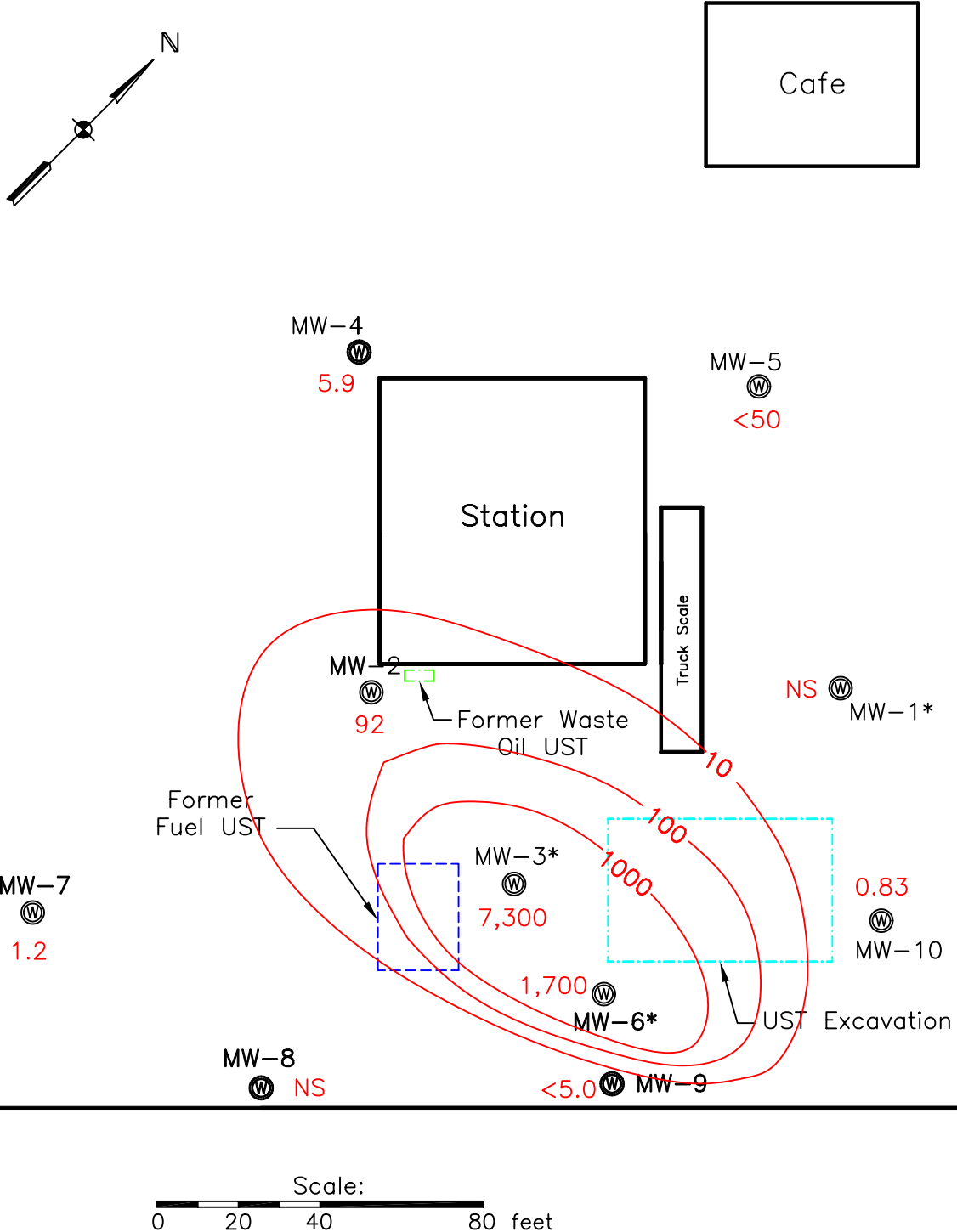
Cook Environmental Services, Inc.
3080 Hilltop Mall Rd.
Richmond, CA 94806
(510) 226-1200 work
(925) 787-6869 cell
tcook@cookenvironmental.com

Benzene Concentrations Oakland Truck Stop 8255 San Leandro Street Oakland, California

Project : 1034	5
Date: 9/15/08	
Scale: 1" = 40'	

Legend

- * Wells Destroyed in July 2008
- Ⓜ Monitoring Well



San Leandro Street

Cook Environmental Services, Inc.
 3080 Hilltop Mall Rd.
 Richmond, CA 94806
 (510) 226-1200 work
 (925) 787-6869 cell
 tcook@cookenvironmental.com

MtBE Concentrations Oakland Truck Stop 8255 San Leandro Street Oakland, California

Project : 1034	Figure :
Date: 9/15/08	6
Scale: 1" = 40'	

APPENDIX A

Monitoring Well Sampling Logs

APPENDIX B
Well Closure Permit

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 06/27/2008 By jamesy

**Permit Numbers: W2008-0391 to W2008-0393
Permits Valid from 07/02/2008 to 07/02/2008**

Application Id: 1213038830580
Site Location: SF-Oakland Auto Truck Plaza
8255 San Leandro Street
Oakland CA 94621

City of Project Site:Oakland

Project Start Date: 07/02/2008
Requested Inspection: 07/02/2008
Scheduled Inspection: 07/02/2008 at 11:30 AM (Contact your inspector, Vicky Hamlin at (510) 670-5443, to confirm.)

Completion Date:07/02/2008

Applicant: Matriks Corporation - Thomas Henderson
321 Court Street, Woodland, CA 95695
Property Owner: Nissan Saidian
8255 San Leandro Street, Oakland, CA 94621
Client: ** same as Property Owner **
Contact: Thomas Henderson

Phone: 530-406-1760

Phone: 510-268-0211

Phone: 530-406-1760
Cell: --

	Total Due:	\$900.00
Receipt Number: WR2008-0226	Total Amount Paid:	\$900.00
Payer Name : Matriks Corporation	Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 3 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: over

Work Total: \$900.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2008-0391	06/27/2008	09/30/2008	MW-1	8.00 in.	2.00 in.	1.00 ft	25.00 ft			
W2008-0392	06/27/2008	09/30/2008	MW-3	8.00 in.	2.00 in.	1.00 ft	25.00 ft			
W2008-0393	06/27/2008	09/30/2008	MW-6	8.00 in.	2.00 in.	1.00 ft	25.00 ft			

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and

Alameda County Public Works Agency - Water Resources Well Permit

mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

4. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.
5. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.
6. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
7. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
8. Remove the Christy box or similar structure.

Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
-

APPENDIX C
Laboratory Analytical Report



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Clay Mokri 2100 P. Street #2 Sacramento, CA 95816	Client Project ID: Oak	Date Sampled: 06/28/08
		Date Received: 06/30/08
	Client Contact: Clay Mokri	Date Reported: 07/09/08
	Client P.O.:	Date Completed: 07/08/08

WorkOrder: 0806845

July 09, 2008

Dear Clay:

Enclosed within are:

- 1) The results of the **8** analyzed samples from your project: **Oak**,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice 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 or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McC Campbell Analytical, Inc.



Sample Receipt Checklist

Client Name: **Clay Mokri**

Date and Time Received: **6/30/2008 9:53:57 PM**

Project Name: **Oak**

Checklist completed and reviewed by: **Samantha Arbuckle**

WorkOrder N°: **0806845** Matrix Water

Carrier: Client Drop-In

Chain of Custody (COC) Information

- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Sample IDs noted by Client on COC? Yes No
- Date and Time of collection noted by Client on COC? Yes No
- Sampler's name noted on COC? Yes No

Sample Receipt Information

- Custody seals intact on shipping container/cooler? Yes No NA
- Shipping container/cooler in good condition? Yes No
- Samples in proper containers/bottles? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No

Sample Preservation and Hold Time (HT) Information

- All samples received within holding time? Yes No
- Container/Temp Blank temperature Cooler Temp: 4.2°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes No No VOA vials submitted
- Sample labels checked for correct preservation? Yes No
- TTLC Metal - pH acceptable upon receipt (pH<2)? Yes No NA

* NOTE: If the "No" box is checked, see comments below.

Client contacted:

Date contacted:

Contacted by:

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Clay Mokri 2100 P. Street #2 Sacramento, CA 95816	Client Project ID: Oak	Date Sampled: 06/28/08
		Date Received: 06/30/08
	Client Contact: Clay Mokri	Date Extracted: 07/02/08-07/07/08
	Client P.O.:	Date Analyzed 07/02/08-07/07/08

Oxygenated Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0806845

Lab ID	0806845-001B	0806845-002B	0806845-003B	0806845-004B	Reporting Limit for DF =1	
Client ID	MW-2	MW-3	MW-4	MW-5		
Matrix	W	W	W	W		
DF	20	250	1	100		

Compound	Concentration				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND<10	ND<120	ND	ND<50	NA	0.5
t-Butyl alcohol (TBA)	1600	4700	37	4300	NA	2.0
Diisopropyl ether (DIPE)	ND<10	ND<120	ND	ND<50	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND<10	ND<120	ND	ND<50	NA	0.5
Methyl-t-butyl ether (MTBE)	92	7300	5.9	ND<50	NA	0.5

Surrogate Recoveries (%)

%SS1:	103	104	103	103	
-------	-----	-----	-----	-----	--

Comments					
----------	--	--	--	--	--

* 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Clay Mokri 2100 P. Street #2 Sacramento, CA 95816	Client Project ID: Oak	Date Sampled: 06/28/08
		Date Received: 06/30/08
	Client Contact: Clay Mokri	Date Extracted: 07/02/08-07/07/08
	Client P.O.:	Date Analyzed 07/02/08-07/07/08

Oxygenated Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0806845

Lab ID	0806845-005B	0806845-006B	0806845-007B	0806845-008B	Reporting Limit for DF =1	
Client ID	MW-6	MW-7	MW-9	MW-10		
Matrix	W	W	W	W		
DF	100	1	10	1		

Compound	Concentration				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND<50	ND	ND<5.0	ND	NA	0.5
t-Butyl alcohol (TBA)	6200	ND	950	8.7	NA	2.0
Diisopropyl ether (DIPE)	ND<50	ND	ND<5.0	ND	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND<50	ND	ND<5.0	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	1700	1.2	ND<5.0	0.83	NA	0.5

Surrogate Recoveries (%)

%SS1:	103	88	96	91	
-------	-----	----	----	----	--

Comments					
----------	--	--	--	--	--

* 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Clay Mokri 2100 P. Street #2 Sacramento, CA 95816	Client Project ID: Oak	Date Sampled: 06/28/08
		Date Received: 06/30/08
	Client Contact: Clay Mokri	Date Extracted: 07/01/08-07/03/08
	Client P.O.:	Date Analyzed 07/01/08-07/03/08

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

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0806845

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-2	W	1100,d1	ND<150	2.4	5.4	ND	ND	1	116
002A	MW-3	W	31,000,d1	5800	12,000	61	140	42	20	114
003A	MW-4	W	ND	ND	ND	ND	ND	ND	1	93
004A	MW-5	W	140,d7	ND	ND	ND	ND	ND	1	93
005A	MW-6	W	4700,d1	1600	160	13	4.0	11	5	119
006A	MW-7	W	ND	ND	ND	ND	ND	ND	1	93
007A	MW-9	W	ND	ND	ND	ND	ND	ND	1	94
008A	MW-10	W	ND	ND	ND	ND	ND	ND	1	94

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	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	0.005	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:

- d1) weakly modified or unmodified gasoline is significant
- d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Clay Mokri 2100 P. Street #2 Sacramento, CA 95816	Client Project ID: Oak	Date Sampled: 06/28/08
		Date Received: 06/30/08
	Client Contact: Clay Mokri	Date Extracted: 06/30/08
	Client P.O.:	Date Analyzed 07/05/08-07/08/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3510C

Analytical methods: SW8015C

Work Order: 0806845

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0806845-001C	MW-2	W	280,e4,e2	1	119
0806845-002C	MW-3	W	7500,e4,e1	1	120
0806845-003C	MW-4	W	150,e2	1	117
0806845-004C	MW-5	W	3000,e1	1	119
0806845-005C	MW-6	W	17,000,e1,e4	1	118
0806845-006C	MW-7	W	ND	1	119
0806845-007C	MW-9	W	420,e2	1	129
0806845-008C	MW-10	W	63,e2	1	99

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

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

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation:

- e1) unmodified or weakly modified diesel is significant
- e4) gasoline range compounds are significant.
- e2) diesel range compounds are significant; no recognizable pattern



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0806845

EPA Method SW8260B		Extraction SW5030B			BatchID: 36631			Spiked Sample ID: 0806833-005D				
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	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND<5.0	10	89	90	1.08	95.8	98.8	3.15	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND<20	50	71.6	76.1	6.20	82.7	88.1	6.34	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND<5.0	10	85.7	86.3	0.690	98.7	102	3.10	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND<5.0	10	87.9	88.9	1.16	97.6	100	2.36	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND<5.0	10	89.1	90.9	2.11	98.8	103	4.23	70 - 130	30	70 - 130	30
%SS1:	100	25	93	94	1.04	92	92	0	70 - 130	30	70 - 130	30

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

BATCH 36631 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806845-001B	06/28/08 10:13 AM	07/07/08	07/07/08 3:02 PM	0806845-002B	06/28/08 9:58 AM	07/04/08	07/04/08 6:31 PM
0806845-003B	06/28/08 10:26 PM	07/04/08	07/04/08 7:11 PM	0806845-004B	06/28/08 12:55 PM	07/07/08	07/07/08 3:42 PM
0806845-005B	06/28/08 9:35 AM	07/04/08	07/04/08 2:35 PM	0806845-006B	06/28/08 8:38 AM	07/02/08	07/02/08 11:51 PM
0806845-007B	06/28/08 11:08 AM	07/04/08	07/04/08 4:40 AM	0806845-008B	06/28/08 11:08 AM	07/04/08	07/04/08 5:22 AM

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.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0806845

EPA Method SW8021B/8015Cm	Extraction SW5030B			BatchID: 36646			Spiked Sample ID: 0806846-004A					
	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	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	60	96	90.6	5.83	93.6	90.8	3.08	70 - 130	20	70 - 130	20
MTBE	ND	10	96.3	96.7	0.388	90.8	97.9	7.58	70 - 130	20	70 - 130	20
Benzene	ND	10	82.9	82.7	0.159	84.1	84.2	0.0273	70 - 130	20	70 - 130	20
Toluene	ND	10	82.5	81.7	0.878	83.7	83.6	0.0292	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	87.4	87.4	0	88.6	88	0.648	70 - 130	20	70 - 130	20
Xylenes	ND	30	97.4	97.7	0.296	98.8	98.4	0.367	70 - 130	20	70 - 130	20
%SS:	94	10	91	90	0.543	91	91	0	70 - 130	20	70 - 130	20

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

BATCH 36646 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806845-001A	06/28/08 10:13 AM	07/02/08	07/02/08 6:04 PM	0806845-002A	06/28/08 9:58 AM	07/01/08	07/01/08 11:36 PM
0806845-002A	06/28/08 9:58 AM	07/02/08	07/02/08 6:38 PM	0806845-003A	06/28/08 10:26 PM	07/02/08	07/02/08 5:31 AM
0806845-004A	06/28/08 12:55 PM	07/02/08	07/02/08 6:02 AM	0806845-005A	06/28/08 9:35 AM	07/03/08	07/03/08 12:11 AM
0806845-006A	06/28/08 8:38 AM	07/02/08	07/02/08 6:34 AM	0806845-007A	06/28/08 11:08 AM	07/02/08	07/02/08 7:06 AM
0806845-008A	06/28/08 11:08 AM	07/02/08	07/02/08 7:38 AM				

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 enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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, or inconsistency in sample containers.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0806845

EPA Method SW8015C		Extraction SW3510C			BatchID: 36647			Spiked Sample ID: N/A				
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	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	110	110	0	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	117	117	0	N/A	N/A	70 - 130	30

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

BATCH 36647 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806845-001C	06/28/08 10:13 AM	06/30/08	07/05/08 6:11 AM	0806845-002C	06/28/08 9:58 AM	06/30/08	07/05/08 8:28 AM
0806845-003C	06/28/08 10:26 PM	06/30/08	07/05/08 9:36 AM	0806845-004C	06/28/08 12:55 PM	06/30/08	07/05/08 10:44 AM
0806845-005C	06/28/08 9:35 AM	06/30/08	07/05/08 11:53 AM	0806845-006C	06/28/08 8:38 AM	06/30/08	07/05/08 5:36 PM
0806845-007C	06/28/08 11:08 AM	06/30/08	07/05/08 4:27 PM	0806845-008C	06/28/08 11:08 AM	06/30/08	07/08/08 10:11 AM

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.