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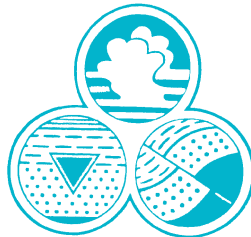
**Quarterly Report - First Quarter 2009**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5<sup>th</sup> Street, Oakland, California**

30 June 2009  
AGE-NC Project No. 03-1101

*PREPARED FOR:*

Mr. Reed Rinehart  
RINEHART OIL, INC.

*PREPARED BY:*



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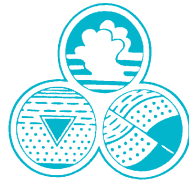
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**1107 5<sup>th</sup> Street, Oakland, California**

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**Advanced GeoEnvironmental, Inc.**  
**837 Shaw Road, Stockton, California**

**PREPARED BY:**

A handwritten signature in black ink, appearing to read "Daniel Villanueva".

Daniel J. Villanueva  
Staff Geologist

**PROJECT MANAGER:**

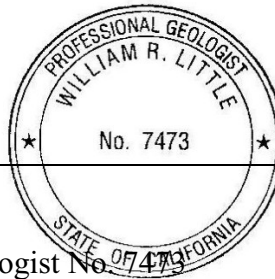
A handwritten signature in black ink, appearing to read "Arthur E. Deicke Jr.".

Arthur E. Deicke Jr.  
Project Scientist

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A handwritten signature in black ink, appearing to read "William R. Little".

William R. Little  
Senior Project Geologist  
California Professional Geologist No. 7473



**Quarterly Report - First Quarter 2009**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
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**APPENDICES**

*Appendix A - Site Background Information*

*Appendix B - Monitoring and Sampling Procedures*

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**Quarterly Report - First Quarter 2009**  
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## **1.0. INTRODUCTION**

At the request of Mr. Reed Rinehart of Rinehart Oil Inc., *Advanced GeoEnvironmental, Inc. (AGE)* has prepared this *Quarterly Report - First Quarter 2009* for the site located at 1107 5<sup>th</sup> Street, Oakland, California. This report presents the procedures and results of the March 2009 ground water monitoring event and a summary of the monitoring activities in relation to the in-situ chemical oxidation (ozone sparge) remediation systems located on-site. The site and surrounding area are illustrated on Figure 1; on-site structures, soil borings, and well locations and other features are illustrated on Figure 2. Site background information is provided in Appendix A.

The goals of the ground water monitoring program are to assess site ground water for seasonal variation of elevation, gradient, and flow direction, and to assess the impact of petroleum hydrocarbon compounds and fuel oxygenating compounds in shallow ground water beneath the site. This report has been prepared in accordance with the Regional Water Quality Control Board's (RWQCB) *Appendix A - Reports, Tri-Regional Board Staff Recommendations for Preliminary Investigation and Evaluation of Underground Tank Sites*.

## **2.0. GROUND WATER MONITORING AND SAMPLING**

On 26 March 2009, the first quarter 2009 ground water monitoring event was conducted at the site. Following the guidelines of the Ground Water Monitoring Program, ground water levels were measured from monitoring wells MW-1, MW-3N, and MW-4 through MW-16; monitoring wells MW-5, MW-7, MW-8, and MW-14 were sampled (Figure 2). Ground water sampling procedures and protocols implemented at the site are presented in Appendix B.

## **3.0. FINDINGS**

The ground water elevation and flow direction at the site were determined from field data; a summary of depth to ground water measurements is presented in Table 1. The hydrocarbon-impact to ground water was quantified by laboratory analysis of the ground water samples; a summary of analytical results is presented in Tables 2 and 3. A summary of the geochemical parameter measurements and the ozone system operation and maintenance activities are presented in Table 4.

### **3.1. GROUND WATER FLOW DIRECTION AND GRADIENT**

Depth to ground water was measured between 1.30 feet (MW-10) and 5.91 feet (MW-7) below the top of the casings. Ground water elevation at the site ranged from 5.50 (MW-7) to 8.12 feet (MW-

10) above mean sea level (MSL). The average ground water elevation was approximately 6.30 feet above MSL, a decrease of 1.2 feet since the previous monitoring event in October 2008. The GeoTracker confirmation number of the submitted depth to water electronic deliverable format data (EDD) file number is 4648629307.

Ground water was inferred to be generally flowing towards the north and northeast at hydraulic gradients ranging between of 0.03 foot per foot (ft/ft) and 0.04 ft/ft. Depth to water and ground water elevations are summarized in Table 1. Field sheets have been included in Appendix C. Figure 3 illustrates the contoured ground water elevations as measured on 26 March 2009.

### 3.2. GROUND WATER ANALYTICAL RESULTS

The analytical results for ground water samples collected from on-site monitoring wells are as follows:

Total petroleum hydrocarbons quantified as gasoline (TPH-g) and diesel (TPH-d ) were reported in MW-5, MW-7 and MW-8 at maximum concentrations of 64,000 micrograms per liter ( $\mu\text{g/l}$ ) (MW-7), and 75,000  $\mu\text{g/l}$  (MW-5), respectively. Figures 4 and 5 illustrate the estimated distributions of dissolved TPH-g and TPH-d at the site.

Benzene, toluene, ethyl-benzene and total xylenes (BTEX) compounds were reported in samples collected from MW-7 at concentrations of 4,300  $\mu\text{g/l}$  benzene, 48  $\mu\text{g/l}$  toluene, 21  $\mu\text{g/l}$  (ethylbenzene) and 266  $\mu\text{g/l}$  (total xylenes).

Methyl tertiary butyl ether (MTBE) was reported in monitoring wells MW-7, MW-8 and MW-14 at a maximum concentration of 5,000  $\mu\text{g/l}$  (MW-7). Figure 6 illustrates the estimated distribution of dissolved MTBE at the site. Tertiary butyl alcohol (TBA) was reported in samples collected MW-5, MW-7, and MW-8 at concentrations of 5,000  $\mu\text{g/l}$ , 65,000  $\mu\text{g/l}$  and 14,000  $\mu\text{g/l}$ , respectively.

Tertiary amyl metal ether (TAME) was reported in samples collected from wells MW-7 and MW-8 at concentrations of 58  $\mu\text{g/l}$  and 11  $\mu\text{g/l}$ , respectively.

No other analytes were reported in samples collected during the first quarter 2009. A summary of ground water analytical results is presented in Table 2. Chain-of-custody protocols were used to document sample custody transfers from the field to the analytical laboratory. The CalTech Environmental Laboratory (CTEL) report No. CT214-0903177, which documents the ground water analyses, test methods, laboratory quality assurance/quality control reports, and chain-of-custody forms, is provided in Appendix D. The GeoTracker confirmation number of the submitted electronic deliverable format file number is 6132233142.

### 3.3. OZONE SPARGING REMEDIATION

*In-situ* chemical oxidation (ozone injection) operation began at the site on 24 September 2005. During operations, the two units (east and west) inject ozone to ten injection points.

On 31 December 2008, the ozone generator on the west system was noted as off and not producing ozone. The tubing to the manifold was found damaged and was subsequently replaced. The ozone generator was restarted after replacement of the tubing.

On 07 January 2008, a line to the east ozone unit was discovered damaged. The line was replaced and the system was restarted.

On 09 March 2009, a line to the west ozone unit was discovered damaged. The line was replaced and the system was restarted.

In general, ground water geochemical parameter measurements demonstrate adequate ozone enriched air distribution

Ozone system geochemical parameters and operational parameters including maintenance activities through the first quarter 2009 are included in Tables 3 and 4, respectively.

### 4.0. CONCLUSIONS

- The concentrations of TPH-g in the majority of the impacted wells have decreased since activating the ozone injection systems.
- TPH-g concentrations increased in wells MW-7 and MW-8, but have decreased or remained stable in the remaining wells compared to the previous quarter.
- The concentrations of TPH-d in the wells located near the central portion of the site continue to show a significant fluctuation in the concentrations of dissolved TPH-d detected each quarter.
- An increase in TBA concentrations was noted during the 1<sup>st</sup> Quarter 2009. The increase is likely caused by the breakdown of MTBE due to the ozone injection being performed at the site.
- In general, MTBE concentrations have decreased significantly since the inception of ozone sparging at the site.

## **5.0. RECOMMENDATIONS**

Based upon data reviewed and collected at the site, AGE recommends:

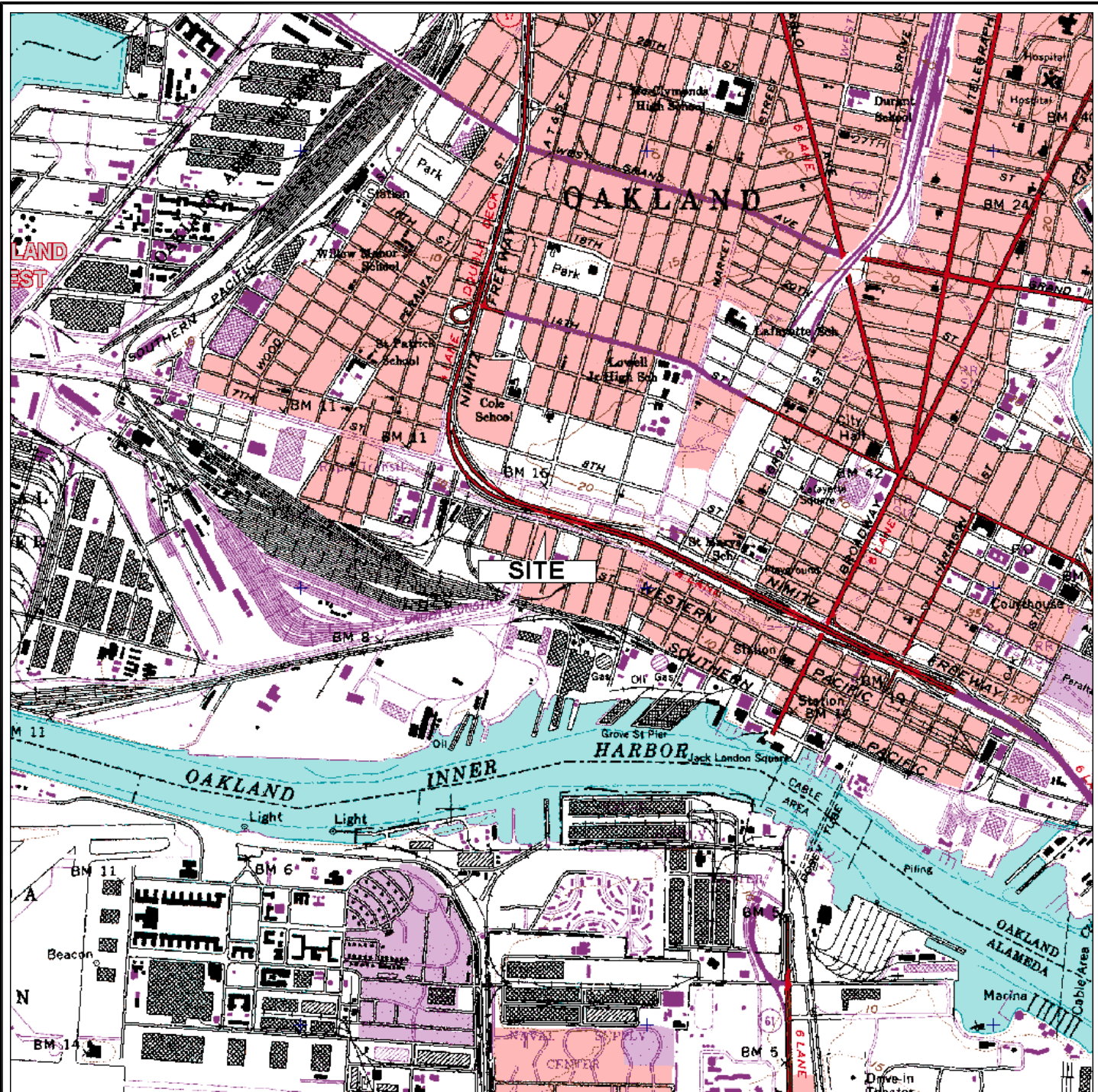
- Continuation of a reduced monitoring program as approved by ACWD in an email dated 20 March 2009. The 2<sup>nd</sup> quarter 2009 monitoring event was performed on 05 June 2009. A report of findings is forthcoming.
- Continuation of *in-situ* chemical oxidation (ozone injection) remediation.

## **6.0. LIMITATIONS**

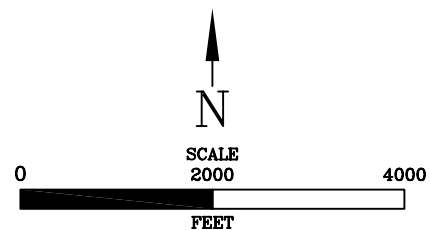
Our professional services were performed using that degree of care and skill ordinarily exercised by environmental consultants practicing in this or similar localities. The findings were based upon field measurements and analytical results provided by an independent laboratory. Evaluations of the hydrogeologic conditions at the site for the purpose of this investigation are made from a limited number of available data points (i.e. ground water samples) and subsurface conditions may vary away from these data points. No other warranty, expressed or implied, is made as to the professional interpretations, opinions and recommendations contained in this report.



# FIGURES



OAKLAND WEST QUADRANGLE, CALIFORNIA  
 7.5 MINUTE SERIES (U.S. GEOLOGICAL SURVEY)



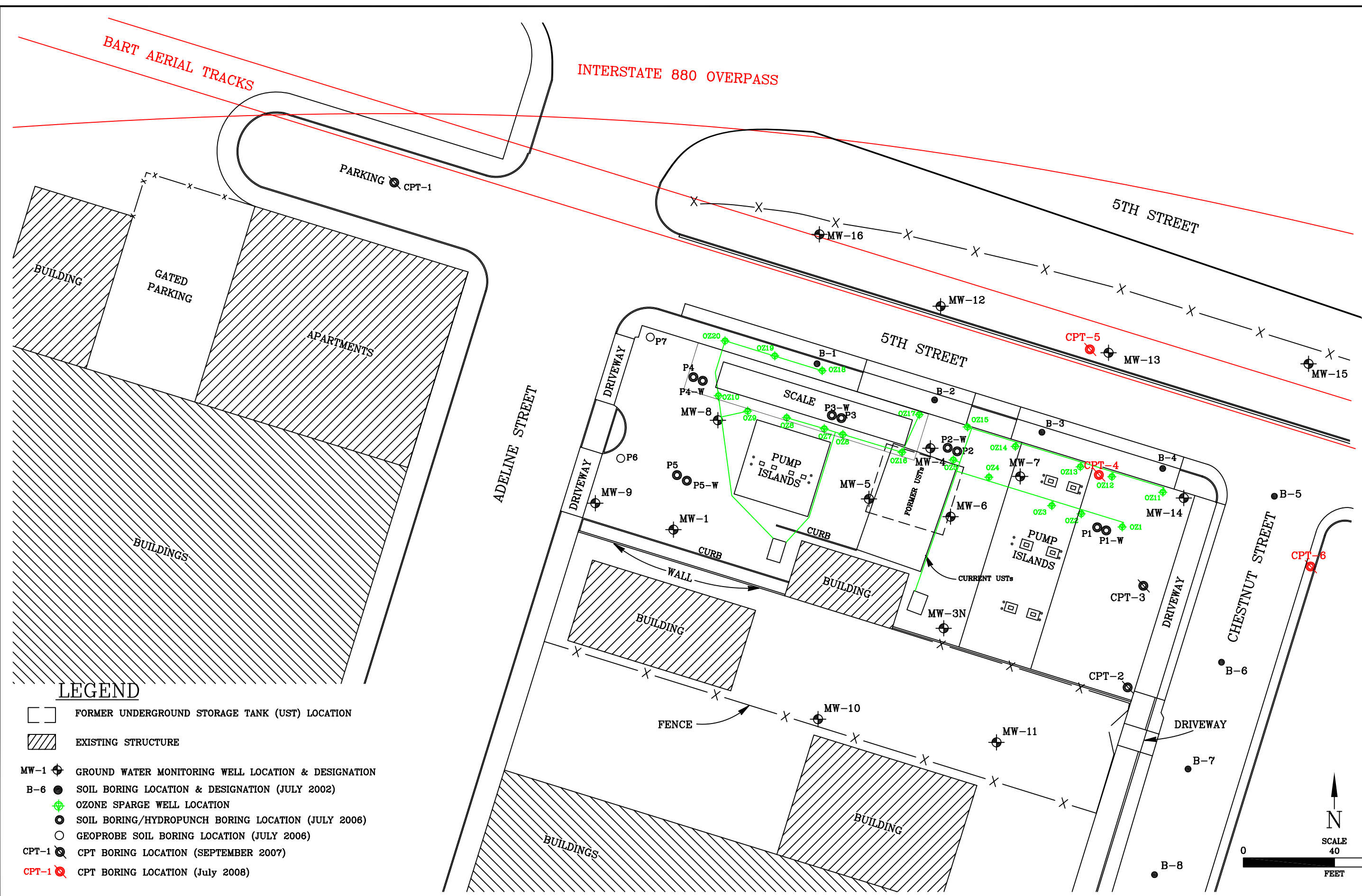
LOCATION MAP  
 RINEHART – OAKLAND TRUCK STOP  
 1107 5TH STREET  
 OAKLAND, CALIFORNIA



**Advanced**  
 GeoEnvironmental, Inc.  
*of Northern California*

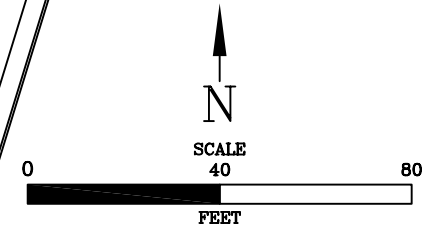
PROJECT NO. AGE-NC-03-1101	FILE: LOCATION	FIGURE:
DATE: 27 SEPTEMBER 2004	DRAWN BY: MAC	1

SITE PLAN  
RINEHART - OAKLAND TRUCK STOP  
1107 5TH STREET  
OAKLAND, CALIFORNIA

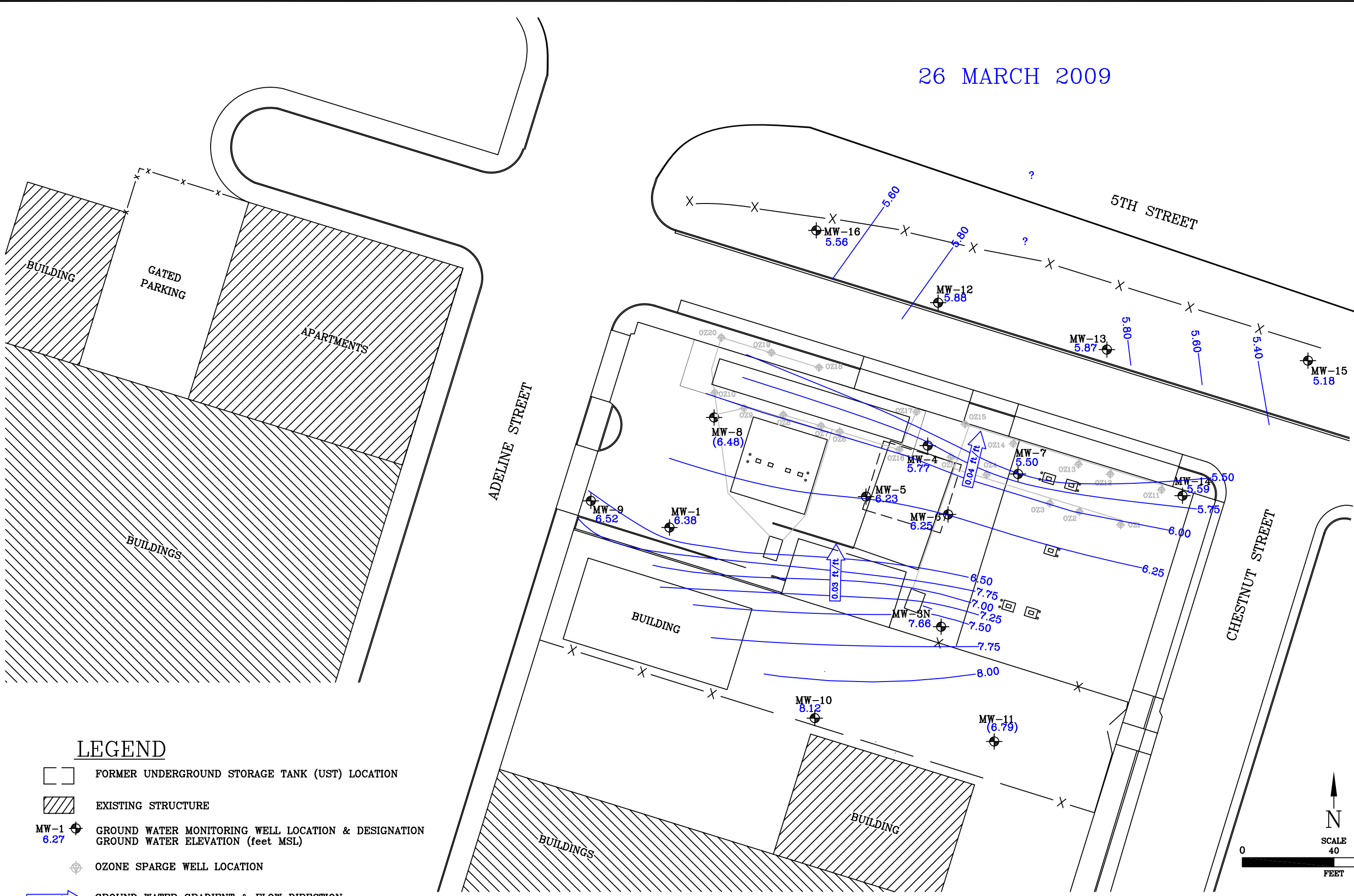


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



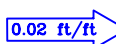
- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
- EXISTING STRUCTURE
- MW-1 + GROUND WATER MONITORING WELL LOCATION & DESIGNATION
- B-6 ● SOIL BORING LOCATION & DESIGNATION (JULY 2002)
- + OZONE SPARGE WELL LOCATION
- SOIL BORING/HYDROPUNCH BORING LOCATION (JULY 2006)
- GEOPROBE SOIL BORING LOCATION (JULY 2006)
- CPT-1 ⊗ CPT BORING LOCATION (SEPTEMBER 2007)
- CPT-1 ⊗ CPT BORING LOCATION (July 2008)

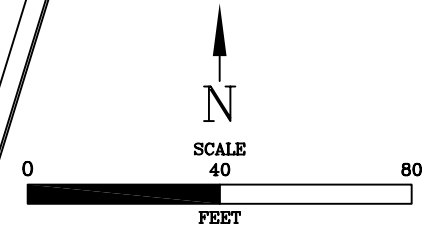


26 MARCH 2009



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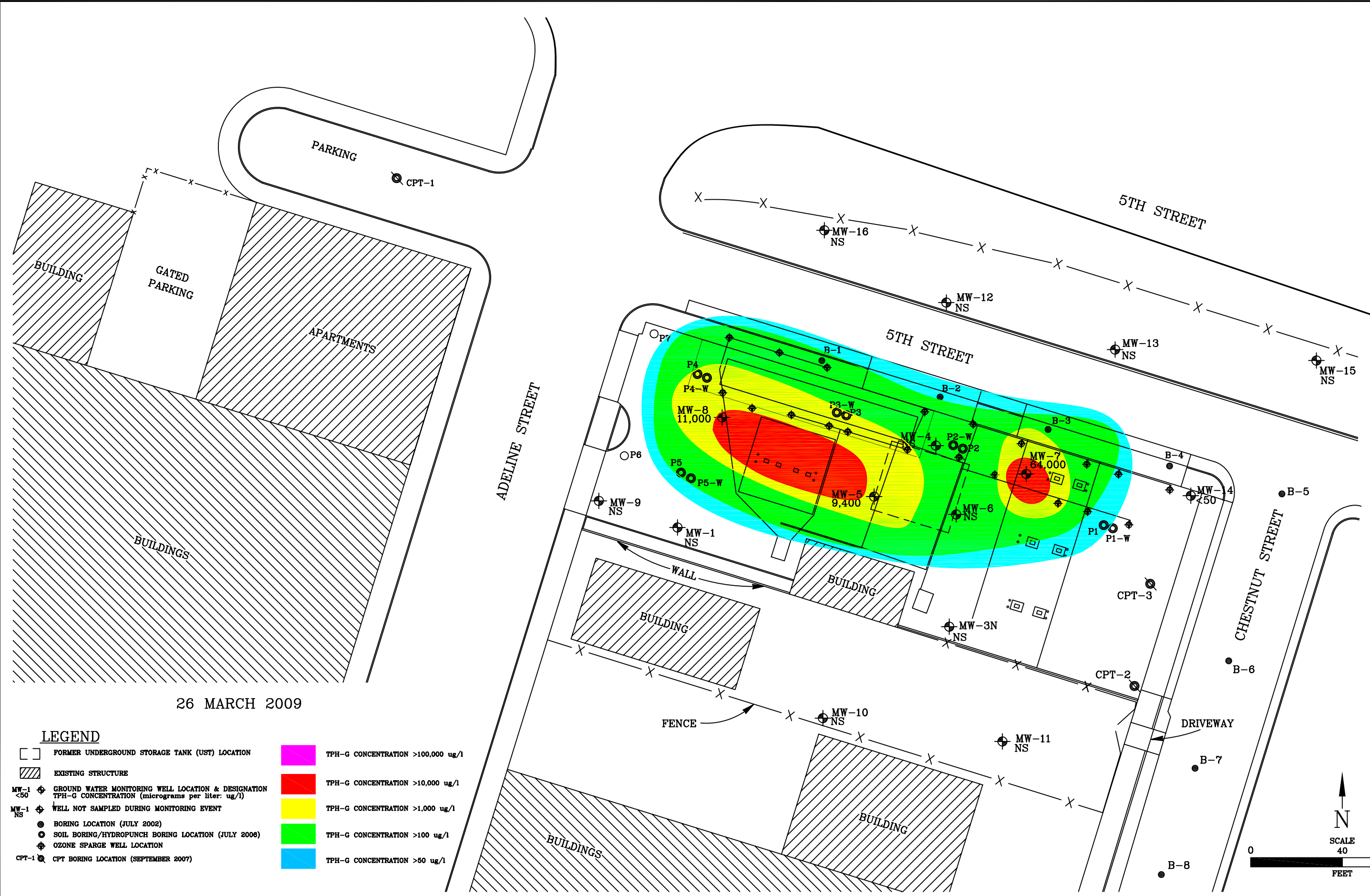
-  FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
-  EXISTING STRUCTURE
-  GROUND WATER MONITORING WELL LOCATION & DESIGNATION  
MW-1 6.27 GROUND WATER ELEVATION (feet MSL)
-  OZONE SPARGE WELL LOCATION
-  0.02 ft/ft GROUND WATER GRADIENT & FLOW DIRECTION



**Advanced GeoEnvironmental, Inc.**  
*of Northern California*

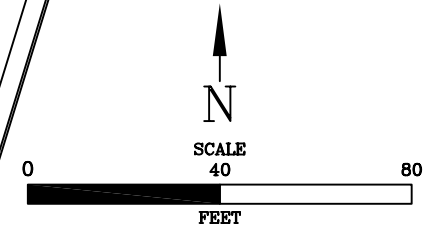
**GROUND WATER ELEVATION CONTOUR MAP**  
**RINEHART - OAKLAND TRUCK STOP**  
**1107 5TH STREET**  
**OAKLAND, CALIFORNIA**

PROJECT NO. AGE-NC-03-1101  
DATE: JUNE 2009  
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FIGURE: 3

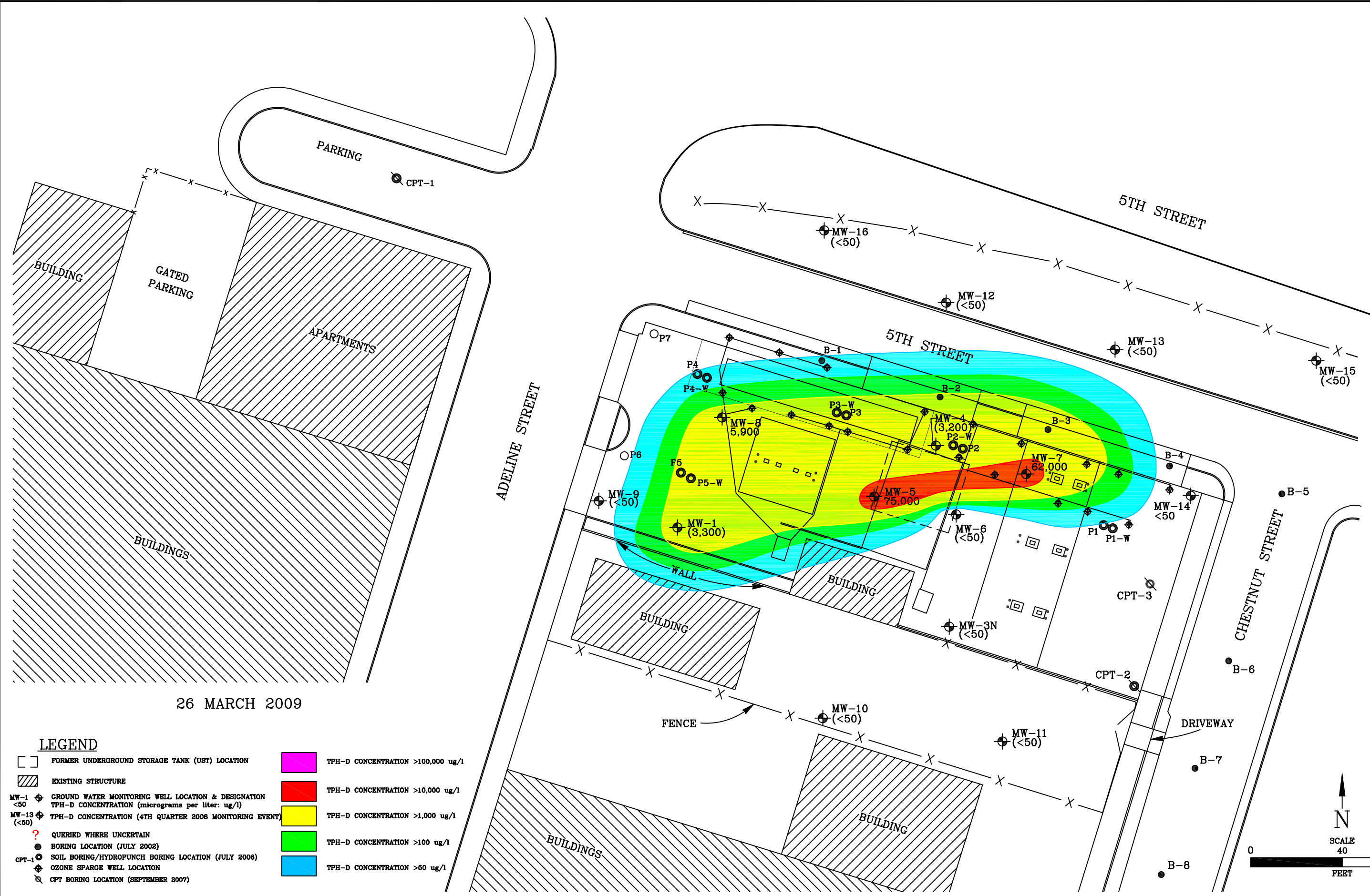


26 MARCH 2009

LEGEND	
	FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
	EXISTING STRUCTURE
MW-1 <50	GROUND WATER MONITORING WELL LOCATION & DESIGNATION TPH-G CONCENTRATION (micrograms per liter: ug/l)
MW-1 NS	WELL NOT SAMPLED DURING MONITORING EVENT
	BORING LOCATION (JULY 2002)
	SOIL BORING/HYDROPUNCH BORING LOCATION (JULY 2006)
	OZONE SPARGE WELL LOCATION
CPT-1	CPT BORING LOCATION (SEPTEMBER 2007)
	TPH-G CONCENTRATION >100,000 ug/l
	TPH-G CONCENTRATION >10,000 ug/l
	TPH-G CONCENTRATION >1,000 ug/l
	TPH-G CONCENTRATION >100 ug/l
	TPH-G CONCENTRATION >50 ug/l



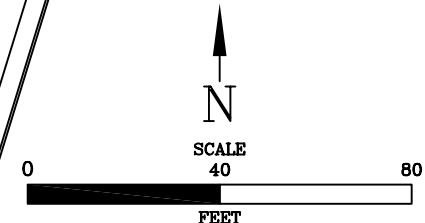
**DISSOLVED TPH-G**  
**RINEHART - OAKLAND TRUCK STOP**  
**1107 5TH STREET**  
**OAKLAND, CALIFORNIA**



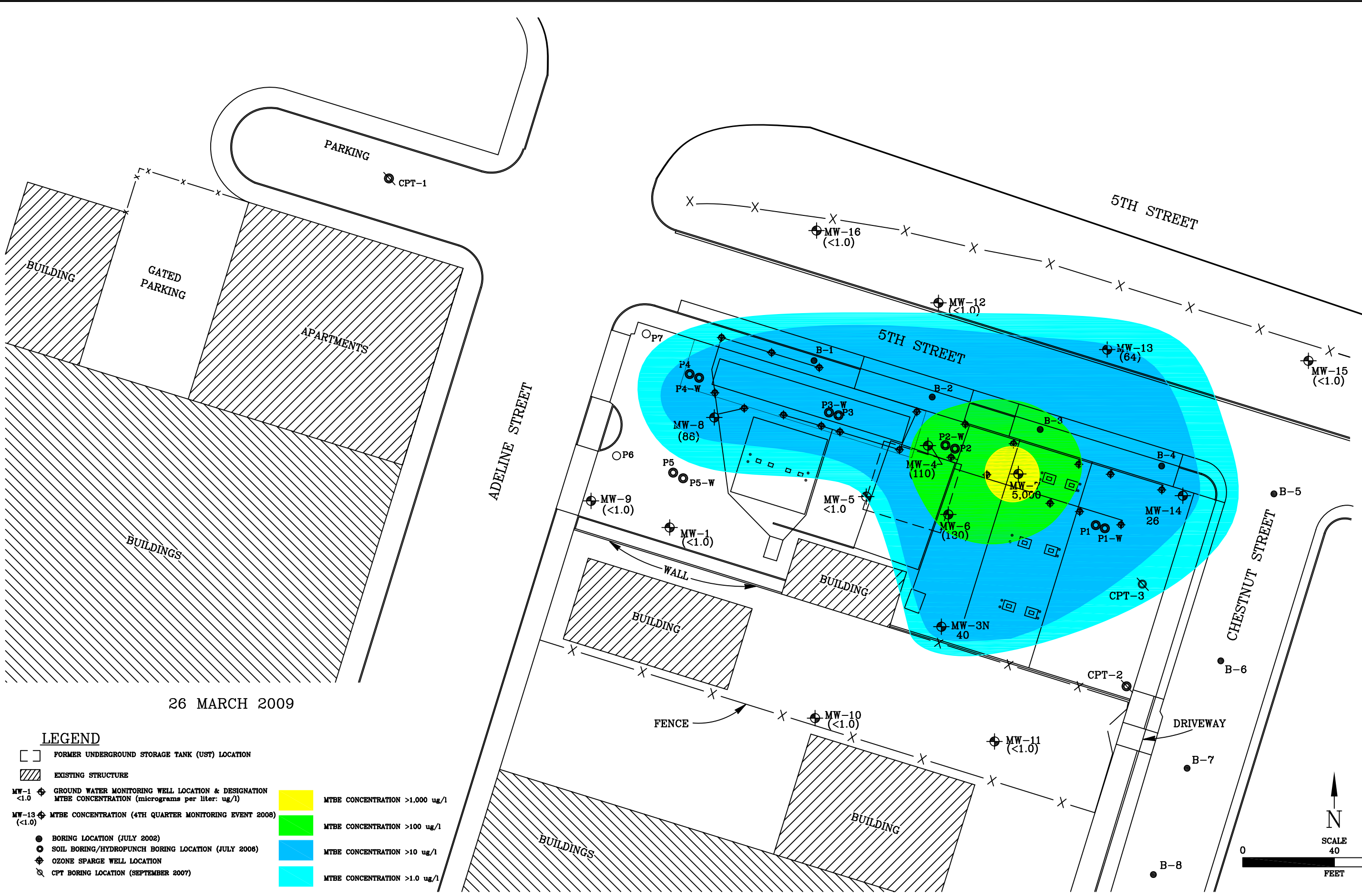
26 MARCH 2009

**LEGEND**

- |       |   |  |                                   |
|-------|---|--|-----------------------------------|
|       | FORMER UNDERGROUND STORAGE TANK (UST) LOCATION          |  | TPH-D CONCENTRATION >100,000 ug/l |
|       | EXISTING STRUCTURE                                      |  | TPH-D CONCENTRATION >10,000 ug/l  |
| MW-1  | GROUND WATER MONITORING WELL LOCATION & DESIGNATION     |  | TPH-D CONCENTRATION >1,000 ug/l   |
| <50   | TPH-D CONCENTRATION (micrograms per liter: ug/l)        |  | TPH-D CONCENTRATION >100 ug/l     |
| MW-13 | TPH-D CONCENTRATION (4TH QUARTER 2006 MONITORING EVENT) |  | TPH-D CONCENTRATION >50 ug/l      |
| <50   |   |  |                                   |
|       | QUERIED WHERE UNCERTAIN                                 |  |                                   |
|       | BORING LOCATION (JULY 2002)                             |  |                                   |
| CPT-1 | SOIL BORING/HYDROPUNCH BORING LOCATION (JULY 2006)      |  |                                   |
|       | OZONE SPARGE WELL LOCATION                              |  |                                   |
|       | CPT BORING LOCATION (SEPTEMBER 2007)                    |  |                                   |



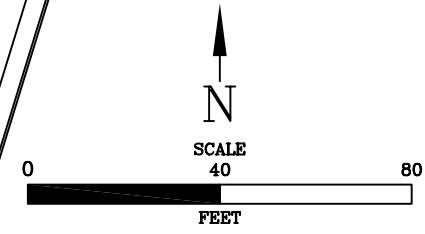
DISSOLVED TPH-D  
RINEHART - OAKLAND TRUCK STOP  
1107 5TH STREET  
OAKLAND, CALIFORNIA



26 MARCH 2009

**LEGEND**

- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
- ▨ EXISTING STRUCTURE
- MW-1 ⊕ GROUND WATER MONITORING WELL LOCATION & DESIGNATION  
 <1.0 MTBE CONCENTRATION (micrograms per liter: ug/l)
- MW-13 ⊕ MTBE CONCENTRATION (4TH QUARTER MONITORING EVENT 2008)  
 (<1.0)
- BORING LOCATION (JULY 2002)
- ⊙ SOIL BORING/HYDROPUNCH BORING LOCATION (JULY 2006)
- ⊕ OZONE SPARGE WELL LOCATION
- ⊗ CPT BORING LOCATION (SEPTEMBER 2007)
- MTBE CONCENTRATION >1,000 ug/l
- MTBE CONCENTRATION >100 ug/l
- MTBE CONCENTRATION >10 ug/l
- MTBE CONCENTRATION >1.0 ug/l



DISSOLVED MTBE  
 RINEHART - OAKLAND TRUCK STOP  
 1107 5TH STREET  
 OAKLAND, CALIFORNIA

# **TABLES**



**TABLE 1**  
**GROUND WATER ELEVATION DATA**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(feet)**

Well I.D. (Screen Interval) <i>Casing Elevation</i>	Date	Depth to Ground Water	Ground Water Elevation
MW-1 (10'-20' bsg) <i>10.34'</i>	10/21/96	5.08	5.26
	11/04/96	3.02	7.32
	03/04/97	2.28	8.06
	06/12/97	4.80	5.54
	07/14/97	2.66	7.68
	09/09/97	2.45	7.89
	09/19/97	2.60	7.74
	02/13/98	2.76	7.58
	07/07/98	2.15	8.19
	10/01/98	3.63	6.71
	12/30/98	4.40	5.94
	03/21/00	2.62	7.72
	08/30/00	3.21	7.13
	11/06/00	3.10	7.24
	02/22/01	3.50	6.84
	05/07/01	2.94	7.40
	08/22/01	3.70	6.64
	11/04/01	3.89	6.45
	02/15/02	2.95	7.39
	05/20/02	3.39	7.05
08/01/02	3.51	6.83	
11/11/02	4.00	6.34	
02/12/03	3.40	6.94	
05/12/03	3.65	6.69	
08/12/03	3.04	7.30	
01/09/04	4.64	5.70	
04/14/04	6.45	3.89	
07/21/04	3.55	6.79	
10/20/04	4.00	6.34	
03/19/05	2.54	7.80	
06/25/05	2.76	7.58	
09/17/05	3.88	6.46	
12/26/05	3.83	6.51	
03/26/06	4.09	6.25	
06/03/06	2.91	7.43	
08/30/06	3.62	6.72	
12/04/06	3.98	6.04	
<i>10.02'*</i>	02/28/07	2.90	7.12
	05/29/07	3.84	6.18

**TABLE 1**  
**GROUND WATER ELEVATION DATA**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(feet)**

Well I.D. (Screen Interval) <i>Casing Elevation</i>	Date	Depth to Ground Water	Ground Water Elevation
MW-1	08/20/07	4.21	5.81
	10/25/07	3.75	6.27
	01/25/08	3.60	6.42
	04/30/08	3.93	6.09
	07/30/08	4.19	5.83
	10/23/08	4.57	5.45
	03/26/09	3.64	6.38
MW-3N (5'-12' bsg) <i>11.67'</i>	05/20/02	3.91	7.76
	08/01/02	4.22	7.45
	11/11/02	4.42	7.25
	02/12/03	3.71	7.96
	05/12/03	3.49	8.18
	08/12/03	4.18	7.49
	01/09/04	3.78	7.89
	04/14/04	4.01	7.66
	07/21/04	4.90	6.77
	10/20/04	5.28	6.39
	03/19/05	3.10	8.57
	06/25/05	3.10	8.57
	06/25/05	3.83	7.84
	09/17/05	4.94	6.73
	12/26/05	3.64	8.03
	03/23/06	2.86	8.81
	06/03/06	3.45	8.22
	08/30/06	4.78	6.89
	12/04/06	4.90	6.46
	02/28/07	3.36	8.00
05/29/07	4.55	6.81	
<i>11.36*</i>	08/20/07	5.40	5.96
	10/25/07	4.97	6.39
	01/25/08	3.69	7.67
	04/30/08	4.69	6.67
	07/30/08	4.44	6.92
	10/23/08	5.98	5.38
MW-4 (5'-20' bsg) <i>10.46'</i>	03/26/09	3.70	7.66
	08/30/00	3.74	6.72
	11/06/00	3.85	6.61
	02/22/01	4.66	5.80
	05/07/01	2.66	7.80









**TABLE 1**  
**GROUND WATER ELEVATION DATA**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(feet)**

Well I.D. (Screen Interval) <i>Casing Elevation</i>	Date	Depth to Ground Water	Ground Water Elevation
MW-8	12/04/06*	3.81	5.92
	02/28/07	3.06	6.67
	05/29/07	3.77	5.96
	08/20/07	4.21	5.52
	10/25/07	3.96	5.77
	01/25/08	2.97	6.76
	04/30/08	3.85	5.88
	07/30/08	4.16	5.57
	10/23/08	4.48	5.25
	03/26/09	3.25	6.48
MW-9 (5'-20' bsg) <i>10.03'</i>	08/30/00	2.81	7.22
	11/06/00	2.68	7.35
	02/22/01	2.20	7.83
	05/07/01	2.75	7.28
	08/22/01	3.80	6.23
	11/04/01	3.61	6.42
	02/15/02	2.92	7.11
	05/20/02	2.38	7.65
	08/01/02	2.72	7.31
	11/11/02	2.87	7.16
	02/12/03	2.43	7.60
	05/12/03	2.41	7.62
	08/12/03	2.61	7.42
	01/09/04	2.87	7.16
	04/14/04	3.65	6.38
	07/21/04	3.70	6.33
	10/20/04	4.20	5.83
	03/19/05	3.75	6.28
	06/25/05	3.85	6.18
	09/17/05	3.38	6.65
	12/26/05	2.01	8.02
	03/23/06	2.50	7.53
	06/03/06	2.63	7.40
	08/30/06	3.35	6.68
	12/04/06	3.63	6.10
	02/28/07	2.61	7.12
	05/29/07	3.34	6.39
08/20/07	3.82	5.91	
10/25/07	3.21	6.52	
<i>9.73'*</i>			

**TABLE 1**  
**GROUND WATER ELEVATION DATA**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(feet)**

Well I.D. (Screen Interval) <i>Casing Elevation</i>	Date	Depth to Ground Water	Ground Water Elevation
MW-9	01/25/08	2.62	7.11
	04/30/08	3.55	6.18
	07/30/08	4.05	5.68
	10/23/08	3.96	5.77
	03/26/09	3.21	6.52
MW-10 (5'-12' bsg) <i>11.07'</i>	05/20/02	4.54	6.53
	06/18/02	4.25	6.82
	08/01/02	1.80	9.27
	11/11/02	1.50	9.57
	02/12/03	1.07	10.00
	05/12/03	1.01	10.06
	08/12/03	1.44	9.63
	01/09/04	0.90	10.17
	04/14/04	2.05	9.02
	07/21/04	2.78	8.29
	10/20/04	1.05	10.02
	03/19/05	0.75	10.32
	06/25/05	1.91	9.16
	09/17/05	2.90	8.17
	12/26/05	0.32	10.75
	03/23/06	0.76	10.31
	06/03/06	1.65	9.42
	08/30/06	2.70	8.37
	12/04/06	2.41	7.01
	02/28/07	0.30	9.12
05/29/07	2.17	7.25	
08/20/07	3.04	6.38	
<i>9.42'*</i>	10/25/07	2.23	7.19
	01/25/08	0.58	8.84
	04/30/08	2.28	7.14
	07/30/08	3.07	6.35
	10/23/08	3.62	5.80
MW-11 (5'-20' bsg) <i>9.64'</i>	03/26/09	1.30	8.12
	05/20/02	0.84	8.80
	06/18/02	1.71	7.93
	08/01/02	4.88	4.76
	11/11/02	5.18	4.46
02/12/03	3.85	5.79	
05/12/03	4.00	5.64	



**TABLE 1**  
**GROUND WATER ELEVATION DATA**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(feet)**

Well I.D. (Screen Interval) <i>Casing Elevation</i>	Date	Depth to Ground Water	Ground Water Elevation
MW-11	08/12/03	4.31	5.33
	01/09/04	3.74	5.90
	04/14/04	5.73	3.91
	07/21/04	5.80	3.84
	10/20/04	--	--
	03/19/05	4.81	4.83
	06/25/05	4.56	5.08
	09/17/05	5.30	4.34
	12/26/05	5.11	4.53
	03/23/06	3.35	6.29
	06/03/06	3.65	5.99
	08/30/06	4.94	4.70
	12/04/06	5.43	5.34
	02/28/07	4.20	6.57
	05/29/07	4.75	6.02
	08/20/07	5.53	5.24
	10/25/07	5.64	5.06
	01/25/08	4.46	6.31
	04/30/08	4.82	5.95
	07/30/08	5.48	5.29
10/23/08	6.02	4.75	
03/26/09	3.98	6.79	
MW-12 (5'-20' bsg)	10/20/04	5.41	--
	03/19/05	5.74	--
	06/25/05	5.23	--
	09/17/05	5.74	--
	12/26/05	4.37	--
	03/23/06	4.36	--
	06/03/06	5.12	--
	08/30/06	5.67	--
	12/04/06	5.83	4.76
	02/28/07	4.80	5.79
	05/29/07	5.62	4.97
	08/20/07	5.88	4.71
	10/25/07	5.50	5.09
	01/25/08	4.74	5.85
	04/30/08	5.56	5.03
07/30/08	5.73	4.86	
10/23/08	6.00	4.59	

**TABLE 1**  
**GROUND WATER ELEVATION DATA**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(feet)**

Well I.D. (Screen Interval) <i>Casing Elevation</i>	Date	Depth to Ground Water	Ground Water Elevation
MW-12	03/26/09	4.71	5.88
MW-13 (5'-20' bsg)	10/20/04	5.67	--
	03/19/05	4.82	--
	06/25/05	5.78	--
<i>11.29'</i> *	09/17/05	6.21	--
	12/26/05	4.25	--
	03/23/06	4.57	--
	06/03/06	5.60	--
	08/30/06	6.20	--
	12/04/06	6.33	4.96
	02/28/07	4.95	6.34
	05/29/07	6.02	5.27
	08/20/07	6.42	4.87
	10/25/07	6.21	5.08
	01/25/08	5.23	6.06
	04/30/08	6.17	5.12
	07/30/08	6.32	4.97
	10/23/08	6.51	4.78
	03/26/09	5.42	5.87
MW-14 (5'-20' bsg)	10/20/04	6.36	--
	03/19/05	5.20	--
	06/25/05	5.56	--
	09/17/05	6.09	--
	12/26/05	5.50	--
MW-14	03/23/06	5.06	--
	06/03/06	5.39	--
	08/30/06	5.92	--
	12/04/06	6.15	5.24
	02/28/07	5.84	5.55
	05/29/07	5.97	5.42
	08/20/07	6.43	4.96
<i>11.39'</i> *	10/25/07	6.37	5.02
	01/25/08	6.13	5.26
	04/30/08	6.42	4.97
	07/30/08	6.35	5.04
	10/23/08	6.56	4.83
	03/26/09	5.80	5.59
MW-15 (5'-20' bsg)	10/05/07	6.14	5.24
	10/25/07	6.00	5.38

**TABLE 1**  
**GROUND WATER ELEVATION DATA**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(feet)**

Well I.D. (Screen Interval) <i>Casing Elevation</i>	Date	Depth to Ground Water	Ground Water Elevation
<i>11.38*</i>	01/25/08	5.76	5.62
	04/30/08	6.01	5.37
	07/30/08	5.98	5.40
	10/23/08	6.20	5.18
	03/26/09	5.45	5.93
MW-16 (5'-20' bsg) <i>10.36*</i>	10/05/07	5.85	4.51
	10/25/07	5.51	4.85
	01/25/08	4.71	5.65
	04/30/08	5.70	4.66
	07/30/08	5.64	4.72
	10/23/08	5.90	4.46
	03/26/09	4.80	5.56

Notes:

bsg: below surface grade  
 -: information not available  
 \*: Casing elevations re-surveyed 02/02 2007.  
 MW-4, MW-15 and MW-16 surveyed on  
 30 November 2007. Performed by Morrow  
 Surveying, Inc. relative to vertical datum  
 NAVD 88 from GPS observations.

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B											8021
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-1	11/04/96	ND	220	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	03/05/97	ND	230	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	06/12/97	ND	290	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	09/09/07	ND	180	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	02/13/98	ND	590	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	07/07/98	ND	1,400	2.7	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	10/01/98	ND	1,100	1.8	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	12/30/98	ND	1,700	2.3	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	03/21/00	220	3,100	4,800	11	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	08/30/00	140	1,600	NA	5.3	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	2,900
	11/06/00	51	1,500	2,100	1	<0.5	<0.5	<0.5	<50	<50	<50	<250	<50	<50	1,700
	02/22/01	140	3,000	1,100	<0.5	<0.5	<0.5	<0.5	<20	<20	<20	<100	<20	<20	100
	05/07/01	<50	3,800	1,100	<0.5	<0.5	<0.5	<0.5	<20	<20	<20	<100	<20	<20	780
	08/22/01	<110	1,800	1,600	<0.5	<0.5	<0.5	<0.5	<25	<25	<25	<130	<25	<25	1,900
	11/04/01	<50	1,300	1,500	<0.5	<0.5	<0.5	<0.5	<50	<50	<50	<250	<50	<50	1,600
	02/15/02	<50	2,000	770	<0.5	<0.5	<0.5	<0.5	<20	<20	<20	<100	<20	<20	610
	05/20/02	<50	160	730	<0.5	<0.5	<0.5	<0.5	<10	<10	<10	<100	<10	<10	570
	08/01/02	<50	600	610	<0.5	<0.5	<0.5	<0.5	<10	<10	<10	<100	<10	<10	480
	11/11/02	<50	2,200	600	<0.5	<0.5	<0.5	<0.5	<10	<10	<10	<100	<10	<10	510
	02/12/03	<50	1,200	640	<0.5	<0.5	<0.5	<0.5	<10	<10	<10	<100	<10	<10	540
05/12/03	<50	520	580	<0.5	<0.5	<0.5	<0.5	<10	<10	<10	<100	<10	<10	610	
08/11/03	<50	180	660	<0.5	<0.5	<0.5	<0.5	<12	<12	<12	<120	<12	<12	740	
01/09/04	610	<50	590	<0.5	<0.5	<0.5	4.2	<1.0	<1.0	<1.0	<10	<1.0	<1.0	NA	
04/14/04	730	<50	730	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<1.0	<1.0	NA	
07/21/04	900	<50	620	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<1.0	<1.0	NA	

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B											8021
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-1	10/20/04	<50	<50	<b>60</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<1.0	<1.0	NA
	03/19/05	<b>100</b>	<50	<b>100</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<1.0	<1.0	NA
	06/25/05	<b>100</b>	<50	<b>100</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<1.0	<1.0	NA
	09/17/05	<b>100</b>	<50	<b>83</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<1.0	<1.0	NA
	12/26/05	<b>100</b>	<50	<b>86</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<1.0	<1.0	NA
	03/23/06	<50	<50	<b>13</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/03/06	<50	<50	<b>16</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/30/06	<50	<50	<b>7</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/04/06	<50	<50	<b>63</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>62</b>	<0.5	<0.5	NA
	02/28/07	<50	<50	<b>11</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	05/29/07	<50	<50	<b>45</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/20/07	<50	<50	<b>4.9</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/25/07	<50	<50	<b>31</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	01/25/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/30/08	<50	<b>8,800</b>	<1	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/30/08	<50	<b>5,700</b>	<1	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
10/23/08	<50	<b>3,300</b>	<1	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
03/26/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-3N	05/20/02	<50	<b>1,800</b>	<b>1,500</b>	<0.5	<0.5	<0.5	<0.5	<25	<25	<25	<250	<25	<25	<b>1,100</b>
	08/01/02	<50	<b>2,900</b>	<b>540</b>	<0.5	<0.5	<0.5	<0.5	<10	<10	<b>14</b>	<100	<10	<10	<b>350</b>
	11/11/02	<50	<b>1,100</b>	<b>270</b>	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	<b>7.1</b>	<50	<5.0	<5.0	<b>280</b>
	02/12/03	<50	<b>1,300</b>	<b>410</b>	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<b>380</b>
	05/12/03	<50	<b>1,500</b>	<b>360</b>	<0.5	<0.5	<0.5	<0.5	<6.2	<6.2	<6.2	<62	<6.2	<6.2	<b>330</b>
	08/11/03	<50	<b>720</b>	<b>280</b>	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<b>250</b>
	01/09/04	<b>230</b>	<50	<b>230</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<b>2.5</b>	<10	<0.5	<0.5	NA

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B											8021
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-3N	04/14/04	<b>230</b>	<50	<b>220</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/21/04	<b>400</b>	<50	<b>370</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<b>4.4</b>	<10	<0.5	<0.5	NA
	10/20/04	<b>190</b>	<50	<b>180</b>	<b>3.5</b>	<0.5	<0.5	<b>5.2</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/19/05	<b>300</b>	<50	<b>300</b>	<b>2.6</b>	<0.5	<0.5	<b>5.2</b>	<1.0	<1.0	<b>2.4</b>	<10	<0.5	<0.5	NA
	06/25/05	<b>1,200</b>	<50	<b>1,100</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<b>330</b>	<0.5	<0.5	NA
	09/17/05	<b>1,900</b>	<50	<b>1,100</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<b>770</b>	<0.5	<0.5	NA
	12/26/05	<b>1,500</b>	<50	<b>930</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<b>520</b>	<0.5	<0.5	NA
	03/23/06	<b>550</b>	<50	<b>110</b>	<0.5	<b>3.6</b>	<b>13</b>	<b>37.1</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/03/06	<b>200</b>	<50	<b>150</b>	<0.5	2.6	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/30/06	<b>160</b>	<50	<b>130</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/04/06	<b>900</b>	<50	<b>790</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<b>19</b>	<b>880</b>	<0.5	<0.5	NA
	02/28/07	<50	<50	<b>97</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	05/29/07	<b>170</b>	<50	<b>160</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/20/07	<50	<50	<b>21</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/25/07	<50	<50	<b>40</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	01/25/08	<50	<50	<b>18</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/30/08	<b>120</b>	<50	<b>110</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
07/30/08	<50	<50	<b>40</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
10/23/08	<50	<50	<1	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
03/26/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-4	08/30/00	<b>1,300</b>	<b>390</b>	NA	<b>64</b>	<b>63</b>	<b>9.7</b>	<b>110</b>	NA	NA	NA	NA	NA	NA	<b>210,000</b>
	11/06/00	<3,300	<b>170</b>	<b>120,000</b>	<b>80</b>	<4.0	<5.0	<3.0	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	<b>130,000</b>
	11/06/00†	<3,300	NA	<b>120,000</b>	<b>86</b>	<4.0	<7.0	<6.0	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	<b>130,000</b>
	02/22/01	<3,300	<b>120</b>	<b>150,000</b>	<b>30</b>	<3.0	<3.0	<3.0	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	<b>120,000</b>
	05/07/01	<4,200	<b>240</b>	<b>200,000</b>	<20	<10.0	<5.0	<5.0	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	<b>150,000</b>

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B										8021	
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-4	08/22/01	<5,400	<b>300</b>	<b>190,000</b>	<5.0	<5.0	<5.0	<5.0	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	<b>160,000</b>
	11/04/01	<5,000	<b>210</b>	<b>170,000</b>	<5.0	<5.0	<5.0	<5.0	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	<b>130,000</b>
	02/15/02	<5,000	<b>340</b>	<b>160,000</b>	<5.0	<5.0	<5.0	<10	<2,500	<2,500	<2,500	<12,500	<2,500	<2,500	<b>160,000</b>
	05/20/02	<2,500	<b>200</b>	<b>130,000</b>	<25	<25	<25	<25	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<b>98,000</b>
	08/01/02	<2,500	<b>200</b>	<b>100,000</b>	<25	<25	<25	<25	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<b>89,000</b>
	11/11/02	<3,000	<b>200</b>	<b>84,000</b>	<25	<25	<25	<25	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<b>99,000</b>
	02/12/03	<2,500	<b>88</b>	<b>70,000</b>	<25	<25	<25	<25	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<b>78,000</b>
	05/12/03	<2,500	<b>88</b>	<b>86,000</b>	<25	<25	<25	<25	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<b>88,000</b>
	08/11/03	<2,500	<b>66</b>	<b>74,000</b>	<25	<25	<25	<25	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<b>77,000</b>
	01/09/04	<b>50,000</b>	<50	<b>50,000</b>	<b>120</b>	<0.5	<0.5	<0.6	<1.0	<1.0	<b>85</b>	<10	<0.5	<0.5	NA
	04/14/04	<b>27,000</b>	<50	<b>27,000</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/21/04	<b>27,000</b>	<50	<b>5,300</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<b>3.6</b>	<b>150,000</b>	<0.5	<0.5	NA
	10/20/04	<b>22,000</b>	<50	<b>840</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>110,000</b>	<0.5	<0.5	NA
	03/19/05	<b>3,500</b>	<0.05	<b>900</b>	<b>25</b>	<0.5	<0.5	<0.6	<1.0	<1.0	<b>4.6</b>	<b>2,900</b>	<0.5	<0.5	NA
	06/25/05	<b>3,000</b>	<0.05	<b>620</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>54,000</b>	<0.5	<0.5	NA
	09/17/05	<b>3,200</b>	<0.05	<b>370</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>180,000</b>	<0.5	<0.5	NA
	12/26/05	<b>3,000</b>	<50	<b>730</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>76,000</b>	<0.5	<0.5	NA
	03/23/06	<b>300</b>	<50	<b>21</b>	<b>4.2</b>	<0.5	<b>2.1</b>	<b>2.5</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/03/06	<b>110</b>	<50	<b>33</b>	<b>3.9</b>	<b>2.2</b>	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/30/06	<50	<50	<b>7.7</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/04/06	<b>1,100</b>	<50	<b>68</b>	<0.5	<0.5	<0.5	<0.6	<b>18</b>	<1.0	<1.0	<b>6,300</b>	<0.5	<0.5	NA
02/28/07	<b>320</b>	<50	<b>23</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
05/29/07	<b>800</b>	<50	<b>330</b>	<b>48</b>	<b>9.4</b>	<b>9.2</b>	<b>15</b>	<1.0	<1.0	<b>18</b>	<10	<0.5	<0.5	NA	
08/20/07	<b>400</b>	<50	<b>74</b>	<0.5	<0.5	<0.5	<b>2.3</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
10/25/07	<b>340</b>	<50	<b>90</b>	<0.5	<0.5	<0.5	<b>1.6</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B											8021
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-4	01/29/08	<b>220</b>	<50	<b>150</b>	<b>10</b>	<0.5	<b>1.6</b>	<b>2.0</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/30/08	<50	<b>7,600</b>	<1	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/30/08	<50	<b>5,500</b>	<1	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/23/08	<b>120</b>	<b>3,200</b>	<b>110</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/26/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-5	08/30/00	<b>1,000</b>	<b>450</b>	NA	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	<b>52,000</b>
	11/06/00	<1,000	<b>520</b>	<b>42,000</b>	<1.0	<1.0	<1.0	<1.0	<1,000	<1,000	<1,000	<5,000	<1,000	<1,000	<b>44,000</b>
	02/22/01	<1,000	<b>270</b>	<b>39,000</b>	<1.0	<1.0	<1.0	<1.0	<500	<500	<500	<2,500	<500	<500	<b>30,000</b>
	05/07/01	<1,800	<b>470</b>	<b>59,000</b>	<5.0	<2.0	<2.0	<2.0	<1,000	<1,000	<1,000	<5,000	<1,000	<1,000	<b>48,000</b>
	08/22/01	<2,200	<b>780</b>	<b>70,000</b>	<3.0	<3.0	<3.0	<3.0	<1,000	<1,000	<1,000	<5,000	<1,000	<1,000	<b>63,000</b>
	11/04/01	<1,700	<b>670</b>	<b>37,000</b>	<2.0	<2.0	<2.0	<2.0	<1,000	<1,000	<1,000	<5,000	<1,000	<1,000	<b>44,000</b>
	02/15/02	<1,100	<b>480</b>	<b>33,000</b>	<1.0	<1.0	<1.0	<1.0	<1,250	<1,250	<1,250	<6,250	<1,250	<1,250	<b>33,000</b>
	05/20/02	<500	<b>1,600</b>	<b>28,000</b>	<5.0	<5.0	<5.0	<5.0	<500	<500	<500	<5,000	<500	<500	<b>21,000</b>
	08/01/02	<500	<b>810</b>	<b>24,000</b>	<5.0	<5.0	<5.0	<5.0	<500	<500	<500	<5,000	<500	<500	<b>10,000</b>
	11/11/02	<500	<b>2,100</b>	<b>8,800</b>	<5.0	<5.0	<5.0	<5.0	<200	<200	<200	<b>10,000</b>	<200	<200	<b>3,700</b>
	02/12/03	<170	<b>2,900</b>	<b>3,200</b>	<b>30</b>	<1.7	<1.7	<1.7	<100	<100	<100	<b>4,100</b>	<100	<100	<b>19,000</b>
	05/12/03	<500	<b>1,500</b>	<b>21,000</b>	<b>13</b>	<5.0	<5.0	<5.0	<500	<500	<500	<b>5,200</b>	<500	<500	<b>1,500</b>
	08/11/03	<b>71</b>	<b>2,200</b>	<b>1,700</b>	<b>9.5</b>	<0.5	<0.5	<0.5	<50	<50	<50	<b>14,000</b>	<50	<50	<b>1,700</b>
	01/09/04	<b>1,500</b>	<50	<b>1,500</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/14/04	<b>500</b>	<50	<b>430</b>	<b>20</b>	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/21/04	<b>2,000</b>	<50	<b>320</b>	<b>2.2</b>	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>15,000</b>	<0.5	<0.5	NA
10/20/04	<b>1,900</b>	<50	<b>23</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>11,000</b>	<0.5	<0.5	NA	
03/19/05	<b>1,000</b>	<b>860</b>	<b>71</b>	<b>2.3</b>	<0.5	<b>5</b>	<b>40</b>	<1.0	<1.0	<1.0	<b>500</b>	<0.5	<0.5	NA	
06/25/05	<b>1,500</b>	<b>1,200</b>	<b>54</b>	<b>11</b>	<0.5	<b>3.6</b>	<b>37</b>	<1.0	<1.0	<1.0	<b>2,700</b>	<0.5	<0.5	NA	
09/17/05	<b>2,500</b>	<b>1,600</b>	<b>16</b>	<b>42</b>	<0.5	<0.5	<b>10</b>	<1.0	<1.0	<1.0	<b>12,000</b>	<0.5	<0.5	NA	



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**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B										8021	
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-5	12/26/05	<b>1,500</b>	<b>1,200</b>	<b>44</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>2,700</b>	<0.5	<0.5	NA
	03/23/06	<50	<b>850</b>	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/03/06	<b>400</b>	<b>900</b>	<b>280</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/30/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/04/06	<b>1,200</b>	<50	<b>22</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>2,200</b>	<0.5	<0.5	NA
	02/28/07	<50	<50	<b>11</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	05/29/07	<b>9,000</b>	<b>240,000</b>	<b>26</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	17	<10	<0.5	<0.5	NA
	08/20/07	<b>11,000</b>	<b>280,000</b>	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/25/07	<b>14,000</b>	<b>300,000</b>	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	01/25/08	<b>11,000</b>	<b>260,000</b>	<1.0	<0.5	<0.5	<b>1.4</b>	<b>4.4</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/30/08	<b>14,000</b>	<b>73,000</b>	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/30/08	<b>11,000</b>	<b>68,000</b>	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
10/23/08	<b>7,600</b>	<b>63,000</b>	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
03/26/09	<b>9,400</b>	<b>75,000</b>	<1.0	<0.5	<0.5	<0.5	<0.6	NA	NA	<1.0	<b>5,000</b>	NA	NA	NA	
MW-6	08/30/00	<b>1,300</b>	<b>1,300</b>	NA	<b>55</b>	<0.5	16	27	NA	NA	NA	NA	NA	NA	<b>23,000</b>
	11/06/00	<630	<b>1,100</b>	<b>27,000</b>	<b>7</b>	<b>8.1</b>	<3.0	<b>5.2</b>	<630	<630	<630	<3,200	<630	<630	<b>26,000</b>
	02/22/01	<200	<b>420</b>	<b>8,000</b>	<5.0	<5.0	<5.0	<5.0	<100	<100	<100	<500	<100	<100	<b>6,500</b>
	05/07/01	<1,000	<b>900</b>	<b>40,000</b>	<2.0	<2.0	<1.0	<1.0	<500	<500	<500	<2,500	<500	<500	<b>37,000</b>
	08/22/01	<350	<b>520</b>	<b>8,800</b>	<2.0	<1.0	<0.5	<0.5	<200	<200	<200	<1,000	<200	<200	<b>8,600</b>
	11/04/01	<500	<b>420</b>	<b>17,000</b>	<2.0	<2.0	<0.5	<0.5	<250	<250	<250	<1,300	<250	<250	<b>12,000</b>
	02/15/02	<960	<b>910</b>	<b>26,000</b>	<b>2.6</b>	<b>4.5</b>	<1.0	4.2	<1,000	<1,000	<1,000	<5,000	<1,000	<1,000	<b>23,000</b>
	05/20/02	<620	<b>690</b>	<b>37,000</b>	<6.2	<6.2	<6.2	<6.2	<500	<500	<500	<5,000	<500	<500	<b>25,000</b>
	08/01/02	<250	<b>1,100</b>	<b>9,100</b>	<b>8</b>	<2.5	<2.5	<2.5	<170	<170	<170	<b>3,800</b>	<170	<170	<b>8,100</b>
	11/11/02	<500	<b>970</b>	<b>11,000</b>	<5.0	<5.0	<5.0	<5.0	<250	<250	<250	<b>8,600</b>	<250	<250	<b>11,000</b>
02/12/03	<250	<b>2,100</b>	<b>8,300</b>	<2.5	<2.5	<2.5	<2.5	<120	<120	<120	<b>4,600</b>	<120	<120	<b>7,400</b>	

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B										8021	
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-6	05/12/03	<1,000	<b>630</b>	<b>29,000</b>	<10	<10	<10	<10	<500	<500	<500	<b>8,700</b>	<500	<500	<b>32,000</b>
	08/11/03	<b>110</b>	<50	<b>2,300</b>	<b>6.8</b>	<1.0	<1.0	<1.0	<100	<100	<100	<b>27,000</b>	<100	<100	<b>2,800</b>
	01/09/04	<b>700</b>	<50	<b>690</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/14/04	<b>200</b>	<50	<b>190</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/21/04	<b>200</b>	<b>4.5</b>	<b>140</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>15,000</b>	<0.5	<0.5	NA
	10/20/04	<b>7,700</b>	<b>1,300</b>	<b>3,400</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>77,000</b>	<0.5	<0.5	NA
	03/19/05	<b>1,600</b>	<b>630</b>	<b>57</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>1,300</b>	<0.5	<0.5	NA
	06/25/05	<b>400</b>	<b>630</b>	<b>58</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>3,600</b>	<0.5	<0.5	NA
	09/17/05	<b>590</b>	<50	<b>28</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>5,300</b>	<0.5	<0.5	NA
	12/26/05	<b>400</b>	<50	<b>92</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>4,500</b>	<0.5	<0.5	NA
	03/23/06	<50	<50	<b>16</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/03/06	<50	<50	<b>13</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/30/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/04/06	<b>4,300</b>	<50	<b>84</b>	<0.5	<0.5	<0.5	<0.6	<b>19</b>	<1.0	<1.0	<b>30,000</b>	<0.5	<0.5	NA
	02/28/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	05/29/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/20/07	<b>4,900</b>	<50	<b>120</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/25/07	<b>5,000</b>	<b>4,200</b>	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	01/25/08	<50	<50	<b>5.8</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
07/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
10/23/08	<b>540</b>	<50	<b>130</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
03/26/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	08/30/00	<b>160,000</b>	<b>2,600</b>	NA	<b>28,000</b>	<b>15,000</b>	<b>1,200</b>	<b>5,900</b>	NA	NA	NA	NA	NA	NA	<b>800,000</b>
	11/06/00	<b>80,000</b>	<b>1,700</b>	<b>920,000</b>	<b>23,000</b>	<b>12,000</b>	<b>1,200</b>	<b>5,000</b>	<13,000	<13,000	<13,000	<63,000	<13,000	<13,000	<b>540,000</b>

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B										8021	
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-7	02/22/01	80,000	2,000	460,000	19,000	12,000	1,100	3,200	<5,000	<5,000	<5,000	<2,500	<5,000	<5,000	440,000
	02/22/01†	84,000	2,400	500,000	20,000	13,000	1,200	3,400	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	400,000
	05/07/01	100,000	7,600	520,000	25,000	16,000	1,700	6,600	<5,000	<5,000	<5,000	<2,500	<5,000	<5,000	460,000
	05/07/01†	100,000	8,200	500,000	25,000	17,000	1,700	6,700	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	530,000
	08/22/01	110,000	22,000	250,000	18,000	12,000	2,000	9,400	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	240,000
	11/04/01	85,000	6,500	180,000	17,000	2,700	2,100	9,700	<5,000	<5,000	<5,000	<13,000	<5,000	<5,000	150,000
	02/15/02	96,000	21,000	200,000	21,000	7,300	2,600	13,000	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	180,000
	02/15/02†	160,000	29,000	200,000	30,000	27,000	3,700	19,000	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	170,000
	05/20/02	140,000	310,000	220,000	24,000	21,000	3,800	20,000	<5,000	<5,000	<5,000	<50,000	<5,000	<5,000	180,000
	08/01/02	110,000	160,000	150,000	15,000	16,000	4,000	21,000	<2,500	<2,500	<2,500	<25,000	<2,500	<2,500	120,000
	11/11/02	110,000	240,000	77,000	14,000	11,000	4,100	19,000	<1,200	<1,200	<1,200	<12,000	<1,200	<1,200	74,000
	02/12/03	130,000	75,000	110,000	25,000	8,900	3,400	17,000	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	87,000
	05/12/03	98,000	7,100	220,000	25,000	520	2,600	12,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	140,000
	08/11/03	90,000	12,000	140,000	15,000	1,100	2,600	12,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	140,000
	01/09/04	130,000	18,000	120,000	9,500	340	190	3,700	<1.0	<1.0	900	<10	<0.5	420	NA
	04/14/04	330,000	22	220,000	23,000	300	1,900	5,600	<1.0	<1.0	660	<10	<0.5	400	NA
	07/21/04	120,000	14	71,000	11,000	730	1,000	1,250	<1.0	<1.0	370	<10	<0.5	300	NA
	10/20/04	130,000	8.4	39,000	14,000	420	600	380	<1.0	<1.0	290	<10	<0.5	180	NA
	03/19/05	130,000	22,000	40,000	23,000	1,400	2,200	6,800	<1.0	<1.0	17	290	<0.5	29	NA
	06/25/05	1,100,000	45,000	49,000	31,000	31,000	7,500	32,000	<1.0	<1.0	93	400	<0.5	75	NA
09/17/05	100,000	38,000	28,000	31,000	16,000	8,500	31,000	<1.0	<1.0	<1.0	7,400	<0.5	<0.5	NA	
12/26/05	99,000	33,000	14,000	20,000	6,000	1,700	11,900	<1.0	<1.0	<1.0	83,000	<0.5	<0.5	NA	
03/23/06	160,000	48,000	2,400	23,000	22,000	13,000	43,000	<1.0	<1.0	44	14,000	<0.5	330	NA	
06/03/06	170,000	44,000	9,000	48,000	5,200	5,600	23,200	<1.0	<1.0	55	4,800	<0.5	190	NA	
08/30/06	240,000	62,000	3,600	77,000	12,000	30,000	63,000	<1.0	<1.0	77	300	<0.5	21	NA	

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B										8021	
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-7	12/04/06	<b>110,000</b>	<b>44,000</b>	<b>3,300</b>	<b>7,200</b>	<b>490</b>	<b>950</b>	<b>2,800</b>	20	<1.0	<b>58</b>	<b>28,000</b>	<0.5	<b>86</b>	NA
	02/28/07	<b>32,000</b>	<b>16,000</b>	<b>1,600</b>	<b>1,800</b>	<b>65</b>	<b>610</b>	<b>1,249</b>	<1.0	<1.0	<b>12</b>	<10	<0.5	<b>16</b>	NA
	05/29/07	<b>29,000</b>	<b>64,000</b>	<b>1,700</b>	<b>920</b>	<b>18</b>	<b>180</b>	<b>272</b>	<1.0	<1.0	<b>15</b>	<10	<0.5	<b>28</b>	NA
	08/20/07	<b>33,000</b>	<b>70,000</b>	<b>760</b>	<b>2,000</b>	<b>22</b>	<b>86</b>	<b>120</b>	<1.0	<1.0	<b>13</b>	<10	<0.5	<b>45</b>	NA
	10/25/07	<b>41,000</b>	<b>83,000</b>	<b>1,300</b>	<b>3,800</b>	<b>53</b>	<b>380</b>	<b>1,521</b>	<1.0	<1.0	<b>18</b>	<10	<0.5	<b>65</b>	NA
	01/25/08	<b>32,000</b>	<b>48,000</b>	<b>4,500</b>	<b>3,000</b>	<b>55</b>	<b>170</b>	<b>853</b>	<b>12</b>	<1.0	<b>56</b>	<10	<0.5	<b>96</b>	NA
	04/30/08	<b>34,000</b>	<b>44,000</b>	<b>4,500</b>	<b>1,900</b>	<b>12</b>	<b>90</b>	<b>192.1</b>	<b>15</b>	<1.0	<b>61</b>	<10	<0.5	<b>61</b>	NA
	07/30/08	<b>56,000</b>	<b>54,000</b>	<b>5,100</b>	<b>3,300</b>	<b>25</b>	<b>38</b>	<b>270</b>	<b>15</b>	<1.0	<b>67</b>	<10	<0.5	<b>84</b>	NA
	10/23/08	<b>25,000</b>	<b>47,000</b>	<b>1,800</b>	<b>800</b>	<b>12</b>	<b>19</b>	<b>135</b>	<1.0	<1.0	<b>23</b>	<10	<0.5	<b>25</b>	NA
03/26/09	<b>64,000</b>	<b>62,000</b>	<b>5,000</b>	<b>4,300</b>	<b>48</b>	<b>21</b>	<b>266</b>	NA	NA	<b>58</b>	<b>65,000</b>	NA	NA	NA	
MW-8	08/30/00	<1,000	<b>690</b>	NA	<b>18</b>	<2.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	<b>28,000</b>
	11/06/00	<3,300	<b>810</b>	<b>76,000</b>	<8.0	<5.0	<3.0	<7.0	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	<b>120,000</b>
	02/22/01	<2,500	<b>1,100</b>	<b>130,000</b>	<b>53</b>	<3.0	<3.0	<3.0	<2,000	<2,000	<2,000	<10,000	<2,000	<2,000	<b>99,000</b>
	05/07/01	<5,000	<b>1,300</b>	<b>120,000</b>	<b>32</b>	<10	<5.0	<5.0	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	<b>110,000</b>
	08/22/01	<4,000	<b>1,200</b>	<b>86,000</b>	<5.0	<5.0	<5.0	<b>16</b>	<1,700	<1,700	<1,700	<8,500	<1,700	<1,700	<b>76,000</b>
	11/04/01	<b>590</b>	<b>1,100</b>	<b>49,000</b>	<b>6.9</b>	<0.5	<0.5	<0.5	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	<b>60,000</b>
	02/15/02	<3,400	<b>1,500</b>	<b>91,000</b>	<5.0	<5.0	<5.0	<5.0	<2,500	<2,500	<2,500	<12,500	<2,500	<2,500	<b>110,000</b>
	05/20/02	<1,700	<b>2,200</b>	<b>86,000</b>	<17	<17	<17	<17	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	<b>66,000</b>
	08/01/02	<1,200	<b>2,800</b>	<b>67,000</b>	<12	<12	<12	<12	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	<b>53,000</b>
	11/11/02	<2,000	<b>11,000</b>	<b>51,000</b>	<10	<b>18</b>	<10	<10	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	<b>48,000</b>
	02/12/03	<1,700	<b>5,800</b>	<b>51,000</b>	<17	<17	<17	<17	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	<b>49,000</b>
	05/12/03	<2,500	<b>4,500</b>	<b>60,000</b>	<b>94</b>	<25	<25	<25	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	<b>52,000</b>
	08/11/03	<2,500	<b>23,000</b>	<b>42,000</b>	<b>92</b>	<25	<25	<25	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	<b>42,000</b>
01/09/04	<b>51,000</b>	<b>12,000</b>	<b>50,000</b>	<b>2.4</b>	<0.5	<0.5	<b>2.1</b>	<1.0	<1.0	160	<10	<1.0	<1.0	NA	
04/14/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

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**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B										8021	
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-8	07/21/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/20/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/19/05	<b>80,000</b>	<b>100,000</b>	<b>13,000</b>	<b>45</b>	<b>38</b>	<b>77</b>	<b>530</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/25/05	<b>60,000</b>	<b>82,000</b>	<b>1,600</b>	<b>18</b>	<b>5.9</b>	<b>3</b>	<b>54</b>	<1.0	<1.0	12	<b>3,700</b>	<0.5	<0.5	NA
	09/17/05	<b>80,000</b>	<b>89,000</b>	<b>1,400</b>	<b>23</b>	<b>2.7</b>	<b>&lt;0.5</b>	<b>25</b>	<1.0	<1.0	17	<b>88,000</b>	<0.5	<0.5	NA
	12/26/05	<b>24,000</b>	<b>37,000</b>	<b>180</b>	<b>270</b>	<b>65</b>	<b>14</b>	<b>127</b>	<1.0	<1.0	<1.0	<b>11,000</b>	<0.5	<0.5	NA
	03/23/06	<b>1,200</b>	<b>4,000</b>	<b>310</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>880</b>	<0.5	<0.5	NA
	06/03/06	<b>1,800</b>	<b>4,800</b>	<b>390</b>	<b>60</b>	<b>9.9</b>	<b>7.3</b>	<b>11.6</b>	<1.0	<1.0	<b>3</b>	<b>2,100</b>	<0.5	<0.5	NA
	08/30/06	<b>6,000</b>	<b>6,200</b>	<1.0	<b>36</b>	<b>6.1</b>	<b>12</b>	<b>29.5</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/04/06	<b>400</b>	<b>2,800</b>	<b>31</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<b>2,400</b>	<0.5	<0.5	NA
	02/28/07	<b>3,100</b>	<b>5,200</b>	<b>83</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	05/29/07	<b>6,000</b>	<b>39,000</b>	<b>54</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/20/07	<b>11,000</b>	<b>50,000</b>	<b>11</b>	<0.5	<0.5	<0.5	<b>3</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/25/07	<b>8,200</b>	<b>44,000</b>	<b>7.2</b>	<0.5	<0.5	<0.5	<b>3.6</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	01/25/08	<b>7,400</b>	<b>41,000</b>	<1.0	<0.5	<0.5	<0.5	<b>3.6</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
04/30/08	<b>8,000</b>	<b>2,900</b>	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
07/30/08	<b>14,000</b>	<b>4,000</b>	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
10/23/08	<b>20,000</b>	<b>8,500</b>	<b>88</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
03/26/09	<b>11,000</b>	<b>5,900</b>	<b>36</b>	<0.5	<0.5	<0.5	<0.6	NA	NA	<b>11</b>	<b>14,000</b>	NA	NA	NA	
MW-9	08/30/00	<50	<b>770</b>	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	<b>97</b>
	11/06/00	<50	<b>390</b>	<b>220</b>	<0.5	<0.5	<0.5	<0.5	<25	<25	<25	<125	<5.0	<5.0	<b>190</b>
	02/22/01	<50	<b>240</b>	<b>160</b>	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<b>120</b>
	05/07/01	<50	<b>190</b>	<b>150</b>	<0.5	<0.5	<0.5	<0.5	<2.5	<2.5	<2.5	<13	<2.5	<2.5	<b>120</b>
	08/22/01	<50	<b>120</b>	<b>120</b>	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<b>120</b>
	11/04/01	<50	<b>160</b>	<b>120</b>	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<b>130</b>

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B											8021
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-9	02/15/02	<50	<b>150</b>	<b>98</b>	<0.5	<0.5	<0.5	<0.5	<2.5	<2.5	<2.5	<12.5	<2.5	<2.5	<b>92</b>
	05/20/02	<50	<b>380</b>	<b>85</b>	<0.5	<0.5	<0.5	<0.5	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<b>79</b>
	08/01/02	<50	<b>320</b>	<b>84</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<b>74</b>
	11/11/02	<50	<b>150</b>	<b>61</b>	<0.5	<0.5	<0.5	<0.5	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<b>76</b>
	02/12/03	<50	<b>350</b>	<b>50</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<b>55</b>
	05/12/03	<50	<b>380</b>	<b>45</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<b>45</b>
	08/11/03	<50	<b>88</b>	<b>42</b>	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<b>36</b>
	01/09/04	<b>200</b>	<50	<b>140</b>	<0.5	<0.5	<0.5	<b>4.7</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/14/04	<b>180</b>	<50	<b>180</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/21/04	<50	<50	<b>24</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/20/04	<b>80</b>	<50	<b>78</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/19/05	<b>100</b>	<50	<b>87</b>	<b>10</b>	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/25/05	<b>100</b>	<50	<b>92</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	09/17/05	<b>100</b>	<50	<b>85</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/26/05	<50	<50	<b>19</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/23/06	<50	<50	<b>19</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/03/06	<50	<50	<1.0	<b>7.7</b>	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/30/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/04/06	<50	<50	<b>34</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	02/28/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
05/29/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
08/20/07	<50	<50	<b>3.8</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
10/25/07	<50	<50	<b>8.9</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
01/25/08	<50	<50	<b>3.5</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
04/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B											8021
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-9	07/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/23/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/26/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10	08/01/02	<50	<b>720</b>	<b>1.1</b>	<b>1</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<5.0
	11/11/02	<50	<b>100</b>	<b>0.7</b>	<b>0.72</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<5.0
	02/12/03	<50	<b>71</b>	<0.5	<b>0.63</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<5.0
	05/12/03	<50	<b>96</b>	<b>0.59</b>	<b>0.56</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<5.0
	08/11/03	<50	<b>110</b>	<b>0.73</b>	<b>0.93</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<5.0
	01/09/04	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/14/04	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/21/04	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/20/04	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/19/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/25/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	09/17/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/26/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/23/06	<50	<50	<1.0	<b>8.5</b>	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/03/06	<50	<50	<1.0	<b>3.9</b>	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/30/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/04/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	02/28/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
05/29/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
08/20/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
10/25/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
01/25/08	<50	<50	<1.0	<b>3.2</b>	<0.5	<b>1.2</b>	<b>1.3</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B											8021
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-10	04/30/08	<b>600</b>	<50	<1.0	<0.5	2.4	<0.5	<b>40</b>	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/23/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/26/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11	05/20/02	<50	<b>95</b>	<b>310</b>	<b>1.5</b>	<b>3</b>	<0.5	<b>1.4</b>	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<b>260</b>
	08/01/02	<50	<b>190</b>	<b>65</b>	<0.5	<b>1.9</b>	<b>0.6</b>	<0.5	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<b>52</b>
	11/11/02	<50	<b>140</b>	<b>15</b>	<0.5	<b>2.1</b>	<b>1.1</b>	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<b>23</b>
	02/12/03	<50	<b>86</b>	<b>2.6</b>	<0.5	<b>1.7</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<5.0
	05/12/03	<50	<b>62</b>	<b>2.3</b>	<0.5	<b>1.1</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<5.0
	08/11/03	<50	<b>72</b>	<b>2.3</b>	<0.5	<b>0.66</b>	<0.5	<0.5	<1.0	<1.0	<1.0	<5.0	<0.5	<0.5	<5.0
	01/09/04	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/14/04	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/21/04	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/20/04	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/19/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/25/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	09/17/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/26/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/23/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/03/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/30/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/04/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
02/28/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
05/29/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
08/20/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	



**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B										8021	
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-11	10/25/07	<b>110</b>	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	01/25/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/23/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/26/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/26/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	10/20/04	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/19/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/25/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	09/17/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/26/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/23/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/03/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/30/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/04/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	02/28/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	05/29/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/20/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/25/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	01/25/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
10/23/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
03/26/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

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**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B											8021
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-13	10/20/04	<b>100</b>	<50	<b>99</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/19/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/25/05	<50	<50	<b>31</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	09/17/05	<50	<50	<b>40</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/26/05	<50	<50	<b>17</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/23/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/03/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/30/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/04/06	<50	<50	<b>63</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	02/28/07	<50	<50	<b>6.5</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	05/29/07	<50	<50	<b>41</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/20/07	<50	<50	<b>6.7</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/25/07	<50	<50	<b>15</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	01/25/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
07/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA	
10/23/08	<50	<50	<b>64</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	NA	NA	NA	
MW-14	10/20/04	<b>490</b>	<50	<b>90</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/19/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/25/05	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	09/17/05	<50	<50	<b>12</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	12/26/05	<50	<50	<b>6.1</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	03/23/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	06/03/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/30/06	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B											8021
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-14	12/04/06	<50	<50	<b>36</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	02/28/07	<50	<50	<b>8.7</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	05/29/07	<50	<50	<b>59</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	08/20/07	<50	<50	<b>10</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/25/07	<b>150</b>	<50	<b>140</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	01/25/08	<50	<50	<b>120</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/30/08	<b>220</b>	<50	<b>210</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/30/08	<50	<50	<b>41</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/23/08	<50	<50	<b>36</b>	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
03/26/09	<50	<50	<b>26</b>	<0.5	<0.5	<0.5	<0.6	NA	NA	<1.0	<10	NA	NA	NA	
MW-15	10/25/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	01/25/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/23/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
03/26/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-16	10/25/07	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	01/25/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	04/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	07/30/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA
	10/23/08	<50	<50	<1.0	<0.5	<0.5	<0.5	<0.6	<1.0	<1.0	<1.0	<10	<0.5	<0.5	NA

**TABLE 2**  
**ANALYTICAL RESULTS OF GROUND WATER SAMPLES**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**  
**(µg/l)**

Sample I.D.	Date	8015M		8260B										8021	
		TPH-g	TPH-d	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	MTBE
MW-16	03/26/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

µg/l: micrograms per liter

†: duplicate sample

NA: not analyzed

NS: not sampled

TPH-g: total petroleum hydrocarbons quantified as gasoline

TPH-d: total petroleum hydrocarbons quantified as diesel

1,2-DCA: 1,2-dichloroethane

MTBE: methyl tertiary-butyl ether

DIPE: di-isopropyl ether

ETBE: ethyl tertiary-butyl ether

TAME: tertiary-amyl methyl ether

TBA: tertiary-butyl alcohol

EDB: 1,2-dibromoethane

**TABLE 3**  
**GEOCHEMICAL PARAMETERS**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**

Sample I.D.	Date	ORP (mV)	Dissolved Oxygen	
			mg/l	%
MW-4	10/08/05	--	--	--
	11/21/05	--	--	--
	12/26/05	-167.2	1.18	12.8
	01/05/06	-136	1.57	16.6
	02/15/06	-131	2.69	27.7
	03/23/06	--	--	--
	04/27/06	--	--	--
	05/22/06	--	--	--
	06/01/06	--	--	--
	08/11/06	--	--	--
	12/04/06	-105.1	1.12	12.6
	01/19/07	--	--	--
	05/29/07	--	--	--
	07/19/07	-85	0.64	7.5
	08/09/07	-77.6	0.95	11.5
	09/10/07	-88	2.05	24.7
	12/21/07	-68.7	2.48	15.7
	01/29/08	-64.2	2.47	2.46
	04/30/08	-62.3	1.53	16.8
	07/30/08	-90.7	-0.02	-0.3
10/23/08	--	--	--	
11/24/08	--	--	--	
12/15/08	--	--	--	
03/06/09	-47.1	1.21	12.4	
MW-5	10/08/05	39.6	3.68	42.4
	11/21/05	-12.6	1.17	13
	12/26/05	-179.8	1.17	18.8
	01/05/06	--	--	--
	02/15/06	--	--	--
	03/23/06	-220.4	0.82	8.4
	04/27/06	-119.7	0.83	9
	05/22/06	-122.8	2.05	23.6
	06/01/06	-76	0.52	6.1
	08/11/06	481	1.48	18
	12/04/06	-105.1	0.58	6.3
	01/19/07	-103.2	0.72	7.2
	05/29/07	--	--	--
	07/19/07	-157	0.67	8
	08/09/07	-103.3	0.77	9.3
	09/10/07	-101.4	1.19	14.6
	12/21/07	47.3	2.22	18.2
	03/18/08	71.6	0.85	8.9
	04/30/08	-101.0	1.53	7.9
	10/23/08	-101.0	0.55	6.5
11/24/08	43.0	0.65	7.2	

**TABLE 3**  
**GEOCHEMICAL PARAMETERS**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**

Sample I.D.	Date	ORP (mV)	Dissolved Oxygen	
			mg/l	%
MW-5	12/15/08	-14.0	0.73	7.7
	03/06/09	-85.4	1.12	11.1
MW-6	10/08/05	25.4	4.62	53.5
	11/21/05	91.2	1	11.1
	12/26/05	-148.5	1.58	14.4
	01/05/06	-106.4	2.29	24.5
	02/15/06	-46	3.06	31.1
	03/23/06	-203.2	1.37	14.3
	04/27/06	-125.3	0.82	8.8
	05/22/06	-85.1	1.52	17.2
	06/01/06	-176	0.38	4.5
	08/11/06	--	--	--
	12/04/06	-74.6	0.98	10.7
	01/19/07	-27.2	1.16	11.8
	05/29/07	--	--	--
	07/19/07	-142	0.82	10
	08/09/07	-91.8	1.23	14.9
	09/10/07	-103.3	1.2	14.6
	12/21/07	-70.6	3.79	23.7
	01/29/08	-120.3	1.31	13.4
	03/18/08	86.7	1.14	12.1
	04/30/08	-122.8	1.13	12.8
	07/30/08	-135.7	1.04	12.6
	10/23/08	-101.5	2.15	26.7
	11/24/08	9.2	0.63	7.1
12/15/08	-6.7	0.47	5.1	
03/06/09	-117	1.19	12.3	
MW-7	10/08/05	16.5	5.01	59.6
	11/21/05	-2.5	1.15	13.4
	12/26/05	-141.4	0.79	8.6
	01/05/06	-92.4	1.02	10.9
	02/15/06	-91	3.41	35.4
	03/23/06	--	--	--
	04/27/06	-176.4	0.46	5.1
	05/22/06	-127.5	1.3	15.1
	06/01/06	--	--	--
	08/11/06	--	--	--
	12/04/06	-108.4	0.82	9.2
	01/19/07	-124.2	0.36	3.8
	05/29/07	--	--	--
	07/19/07	-133	0.41	5
	08/09/07	--	--	--
	09/10/07	-68.9	1.91	23.6
	12/21/07	-72.4	2.38	16.2
01/29/08	-136.8	0.79	8.0	

**TABLE 3**  
**GEOCHEMICAL PARAMETERS**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**

Sample I.D.	Date	ORP (mV)	Dissolved Oxygen	
			mg/l	%
MW-7	03/18/08	74.1	1.09	11.7
	04/30/08	-130.2	1.06	11.3
	07/30/08	-88.8	0.88	10.0
	10/23/08	-113.1	0.48	5.8
	11/24/08	-8.2	1.19	13.7
	12/15/08	-29.9	0.58	6.4
	03/06/09	--	--	--
MW-8	10/08/05	43.7	3.98	47.2
	11/21/05	-12.4	0.65	7.5
	12/26/05	--	--	--
	01/05/06	-144.5	0.55	5.9
	02/15/06	-89	2.74	28.3
	03/23/06	-225.8	0.69	7.4
	04/27/06	-130.3	0.51	5.4
	05/22/06	-64.5	0.71	8.1
	06/01/06	-122.1	0.38	4.4
	08/11/06	--	--	--
	12/04/06	-104.1	0.52	5.8
	01/19/07	-119.2	0.35	3.6
	05/29/07	--	--	--
	07/19/07	-150	0.62	7.5
	08/09/07	--	--	--
	09/10/07	-103.6	0.63	8
	12/21/07	-34.7	3.7	19.1
	01/29/08	-42.7	0.9	8.6
	03/18/08	91.9	0.68	7.3
	04/30/08	-143.5	0.45	5.0
07/30/08	-119.4	0.43	5.1	
10/23/08	-120.3	0.28	3.8	
11/24/08	-5.3	0.49	5.6	
12/15/08	-26.2	0.60	6.7	
03/06/09	-106.7	1.07	11.3	
MW-14	10/08/05	17.5	4.1	48.3
	11/21/05	87.4	1.9	21.4
	12/26/05	-67.8	2.1	23.4
	01/05/06	-6.9	1.4	15.2
	02/15/06	-54	4.4	45.8
	03/23/06	-209	0.7	7.9
	04/27/06	30.5	1.7	18.4
	05/22/06	-8.7	1.5	17.3
	06/01/06	106.9	0.7	7.6
	08/11/06	--	--	--
	12/04/06	53.1	2.12	22.9
	01/19/07	-27.1	0.59	7.1
	05/29/07	--	--	--

**TABLE 3**  
**GEOCHEMICAL PARAMETERS**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5th Street, Oakland, California**

Sample I.D.	Date	ORP (mV)	Dissolved Oxygen	
			mg/l	%
MW-14	07/19/07	-6.8	0.93	11
	08/09/07	74.7	1	11.9
	09/10/07	19.5	1.25	15.3
	12/21/07	-10.8	2.25	15.1
	01/29/08	88.8	1.58	15.6
	03/18/08	87.8	3.51	37.8
	04/30/08	-57.0	1.17	12.7
	07/30/08	2.6	-0.02	-0.3
	10/23/08	40.0	1.51	18.1
	11/24/08	296.0	1.24	14.3
	12/15/09	9.2	0.56	6.2
	03/06/09	237.0	1.78	19.1

Notes:

ORP            oxygen reduction potential  
mV:            millivolts  
mg/l:          milligrams per liter  
-:              not measured



**Table 4**  
**Ozone System Operation and Maintenance**  
**Rinehart Oil, Inc. - Oakland Truck Stop**  
**1107 5th Street, Oakland, California**

Date	"West" Ozone System Unit			"East" Ozone System Unit		
	Hours	Flow (cfh)	Maintenance Notes	Hours	Flow (cfh)	Maintenance Notes
01/05/06	640	17	Installed hose clamps on all flow lines to prevent leaks. All wells set to 1-hr cycles and 2-hr off time.	596	20	Installed hose clamps on all flow lines to prevent leaks. All wells set to run for 1-hr cycles and 1-hr off time.
01/16/08	NM	16	All wells set to run for 1-hr cycles, 2 to 3 times daily.	NM	17	System re-started. All wells set to run for 1-hr cycles, 2 to 3 times daily.
02/15/06	1,511	15	Operational - no maintenance required.	1,469	18	Operational - no maintenance required.
03/23/06	2,272	12	Operational - no maintenance required.	2,162	NM	System down - power is on-line, but there is no flow.
04/27/06	2,950	NM	Turned down unit - ozone generator line clogged.	2,393	NM	System down - power is on-line, but there is no flow.
05/22/06	3,083	12	Operational - no maintenance required.	2,793	15	Repaired broken injection line.
06/01/06	3,301	12	Operational - no maintenance required.	3,009	15	Repaired broken injection line.
07/05/06	4,117	NM	System shut down. Repairs needed.	NM	NM	Operational - no maintenance required.
08/11/06	NM	NM	System off-line for repairs.	NM	NM	Operational - no maintenance required.
08/30/06	NM	NM	System off-line for repairs.	NM	NM	Operational - no maintenance required.
12/04/06	NM	NM	System off-line for repairs.	6,565	16	Repaired broken injection line.

**Table 4**  
**Ozone System Operation and Maintenance**  
**Rinehart Oil, Inc. - Oakland Truck Stop**  
**1107 5th Street, Oakland, California**

Date	"West" Ozone System Unit			"East" Ozone System Unit		
	Hours	Flow (cfh)	Maintenance Notes	Hours	Flow (cfh)	Maintenance Notes
12/16/08	NM	NM	System repaired and on-line.	NM	NM	Operational - no maintenance required.
12/19/06	NM	NM	Operational - no maintenance required.	NM	NM	Repaired cracks in ozone lines. Adjusted sparge cycles from 1-hr cycles to 1/2-hr cycles.
01/19/07	5,073	12	Operational - no maintenance required.	7,535	12	Operational - no maintenance required.
03/13/07	NM	NM	System shut for ozone well destructions.	NM	NM	Operational - no maintenance required.
05/29/07	NM	NM	System shut down for ozone well destructions.	NM	NM	Operational - no maintenance required.
07/19/07	NM	NM	Ozone sparge points reinstalled.	11,472	12	Repaired broken injection line.
07/27/07	6,173	12	System reactivated, fully operational. Adjusted sparge cycles from 1/2 hour cycles to 1-hr cycles. Cleared and replaced lines.	11,646	10	Operational - Adjusted sparge cycles from 1/2-hr cycles to 1-hr cycles. Cleared and replaced lines.
08/09/07	6,477	12	Operational - no maintenance required.	11,949	10	Operational - no maintenance required.
09/10/07	NM	NM	Operational - no maintenance required.	NM	NM	Operational - no maintenance required.
12/21/07	9,514	NM	Operational - no maintenance required.	15,058	NM	Operational - no maintenance required.
01/29/08	NM	NM	Operational - no maintenance required.	NM	NM	Operational - no maintenance required.

**Table 4**  
**Ozone System Operation and Maintenance**  
**Rinehart Oil, Inc. - Oakland Truck Stop**  
**1107 5th Street, Oakland, California**

Date	"West" Ozone System Unit			"East" Ozone System Unit		
	Hours	Flow (cfh)	Maintenance Notes	Hours	Flow (cfh)	Maintenance Notes
03/18/08	11,691	11	Operational - no maintenance required.	17,163	10	Operational - no maintenance required.
4/28-29-30/2008	12,682	10	Operational - no maintenance required.	18,154	10	Not producing Ozone. Manufacturer contacted.
06/14/08	NM	NM	Not producing Ozone. Manufacturer contacted.	NM	NM	System re-start, lines blown-out/cleared, fittings replaced: still not producing Ozone.
06/17/08	NM	NM	Manufacturer on-site. Troubleshooting. Sytem not producing Ozone.	NM	NM	Manufacturer on-site. Troubleshooting. Sytem not producing Ozone.
06/21/08	NM	NM	Lines blown-out/cleared, fittings replaced: still not producing Ozone. Manufacturer states new Oxygen compressor required.	NM	NM	System not producing Ozone. Manufacturer state new Ozone generator required.
09/02/08	13,837	19	Operational - no maintenance required.	18,224	20	Reconnect well tubes and set timers.
09/11/08	14,050	20	Operational - no maintenance required.	18,437	20	Operational - no maintenance required.
09/16/08	14,167	20	Operational - no maintenance required.	18,554	20	Operational - no maintenance required.
09/25/08	14,380	20	Operational - no maintenance required.	18,767	20	Operational - no maintenance required.
10/01/08	14,520	20	Operational - no maintenance required.	18,907	20	Operational - no maintenance required.
10/09/08	14,711	20	Operational - no maintenance required.	19,098	20	Operational - no maintenance required.
10/15/08	14,853	20	Operational - no maintenance required.	19,240	20	Operational - no maintenance required.

**Table 4**  
**Ozone System Operation and Maintenance**  
**Rinehart Oil, Inc. - Oakland Truck Stop**  
**1107 5th Street, Oakland, California**

Date	"West" Ozone System Unit			"East" Ozone System Unit		
	Hours	Flow (cfh)	Maintenance Notes	Hours	Flow (cfh)	Maintenance Notes
10/23/08	15,044	20	Operational - no maintenance required.	19,797	20	Operational - no maintenance required.
10/29/08	15,186	13	Operational - no maintenance required.	19,572	17	Operational - no maintenance required.
11/03/08	15,302	20	Operational - no maintenance required.	19,688	20	Operational - no maintenance required.
11/11/08	15,490	20	Operational - no maintenance required.	19,877	20	Operational - no maintenance required.
11/17/08	15,628	20	Operational - no maintenance required.	20,014	20	Operational - no maintenance required.
11/24/08	15,794	20	Operational - no maintenance required.	20,180	20	Operational - no maintenance required.
12/01/08	15,958	20	Operational - no maintenance required.	20,344	20	Operational - no maintenance required.
12/11/08	16,195	20	Operational - no maintenance required.	20,580	20	Operational - no maintenance required.
12/15/08	16,289	20	Operational - no maintenance required.	20,674	20	Operational - no maintenance required.
12/23/08	16,480	20	Operational - no maintenance required.	20,866	20	Operational - no maintenance required.
12/31/08	16,665	20	Line to manifold found damaged. Line replaced and system restarted.	21,050	20	Operational - no maintenance required.
01/07/09	16,831	20	Operational - no maintenance required.	21,216	20	Line to manifold found damaged. Line replacaced and system restarted.

**Table 4**  
**Ozone System Operation and Maintenance**  
**Rinehart Oil, Inc. - Oakland Truck Stop**  
**1107 5th Street, Oakland, California**

Date	"West" Ozone System Unit			"East" Ozone System Unit		
	Hours	Flow (cfh)	Maintenance Notes	Hours	Flow (cfh)	Maintenance Notes
01/13/09	16,973	20	Operational - no maintenance required.	21,358	20	Operational - no maintenance required.
01/28/09	17,327	20	Operational - no maintenance required.	21,712	20	Operational - no maintenance required.
02/02/09	17,446	20	Operational - no maintenance required.	21,831	20	Operational - no maintenance required.
02/11/09	17,651	20	Operational - no maintenance required.	22,035	20	Operational - no maintenance required.
02/17/09	17,794	20	Operational - no maintenance required.	22,178	20	Operational - no maintenance required.
02/23/09	17,934	20	Operational - no maintenance required.	22,318	20	Operational - no maintenance required.
03/06/09	18,195	20	Operational - no maintenance required.	22,579	20	Operational - no maintenance required.
03/09/09	18,263	20	Line to manifold damaged. Line replaced and system restarted	22,647	20	Operational - no maintenance required.
03/18/09	18,479	20	Operational - no maintenance required.	22,862	20	Operational - no maintenance required.

Notes:

cfh: cubic feet per hour

NM: not measured

# **APPENDIX A**

**Appendix A - Historical Background**  
**RINEHART OIL, INC - OAKLAND TRUCK STOP**  
**1107 5<sup>th</sup> Street, Oakland, California**

A.1. BACKGROUND

The site is located at 1107 5<sup>th</sup> Street in a commercial and industrial area of west Oakland, California (Figure 1). The property contains a service station building, four fuel dispenser islands, a truck scale, scale house, and two underground storage tanks (USTs). The site has been operating as a truck stop for the past 40 years.

A.2. REGIONAL GEOLOGIC/HYDROGEOLOGIC SETTING

The site is situated within the Coast Range Geomorphic Province of California. This geomorphic province contains coastal foothills and mountains and extends from the Tehachapi Mountains in the south to the Klamath Mountains in the north. The western and eastern boundaries of this province are comprised of the Pacific Ocean and the Great Valley Geomorphic Province, respectively.

The site is located in the Franciscan Complex, which is subdivided into four major divisions identified as the Northern Coast Range, the Franciscan Block, the Diablo Range, and the Nacimiento Block. The site is situated within the Franciscan Block, an assemblage of variably deformed and metamorphosed rock units. The surface is composed of Quaternary alluvium; at depth, the site is underlain by rocks of the Franciscan Complex, which are composed predominately of detrital sedimentary rocks with volcanic tuffs and deep ocean marine sediments. The Franciscan lithologies typically have low porosity and permeability.

Based upon the General Soil Map from the *Soil Survey of Alameda County, Western Part*, issued by the United States Department of Agriculture Soil Conservation Service in 1981, the site area is situated within the Urban Land-Danville complex. This complex is located on low terraces and alluvial fans at an elevation of about 20 feet to 300 feet above mean sea level (MSL), and consists of approximately 60% Urban Land, 30% Danville soil, and 10% other soils. Danville soil is a silty clay loam that formed in alluvium originating primarily from sedimentary rock; Urban land consists of areas covered by roads, parking lots, and buildings. The nearest surface water feature in the vicinity of the property is the Oakland Estuary, approximately 2,400 feet to the south of the property.

Beginning in October 1996, ground water monitoring has been conducted at the site to assess the seasonal variation of elevation, gradient, and flow direction, and to define the impact of petroleum hydrocarbon compounds and fuel oxygenating compounds in shallow ground water beneath the site. Based on data from previous monitoring events, ground water at the property varies seasonally between approximately 10 inches to 6 feet below surface grade (bsg). The ground water flow has varied from southwest to north. This may be affected by changing recharge and discharge patterns, as well as leaking pipes.

### A.3. UNDERGROUND STORAGE TANK REMOVAL

In March 1999, two 10,000-gallon diesel USTs, one 10,000-gallon gasoline UST, and one 8,000-gallon gasoline UST were removed from the site. The approximate location of the former USTs is shown on Figure 2.

Interim remedial action was performed during the UST removal to address contaminated soil and ground water. Approximately 2,100 tons of contaminated soil were removed from the excavation. Soil samples were collected from the excavation and stockpiles as directed by the Fire Inspector. Contaminated ground water was removed from the excavation pit; approximately 33,000 gallons of water were pumped into temporary storage tanks, which were then transported and disposed off-site. Approximately 1,700 tons of backfill was placed in the excavation. Results of the soil samples taken during the excavation are not available.

### A.4. PREVIOUS SITE ASSESSMENT ACTIVITIES

In November 1996, ground water monitoring wells MW-1 through MW-3 were installed to a depth of 20 feet bsg to assess contamination from an unauthorized release of fuel, which was repaired as soon as it was discovered. Product recovery sumps equipped with skimmers were installed in the wells and approximately 6 gallons of gasoline were recovered.

Monitoring well MW-2 was destroyed in January 1999. Additional monitoring wells MW-4 through MW-9 were installed to a total depth of 20 feet bsg in August 2000. Contamination was detected in each of the wells, and free product was occasionally evident in well MW-7.

Monitoring wells MW-10 and MW-11 were installed in May 2002 to a total depth of 12 feet bsg. At this time, well MW-3 was abandoned and well MW-3N was installed to a depth of 12 feet bsg.

In July 2002, eight soil borings were advanced on 5<sup>th</sup> Street and Chestnut Street to total depths between 5 feet and 8 feet bsg to determine if contamination was migrating off-site along preferential pathways (i.e. utility trenches). Sample results indicated high methyl tertiary-butyl ether (MTBE) concentrations that ranged from 170,000 micrograms per liter ( $\mu\text{g}/\text{l}$ ) to 460,000  $\mu\text{g}/\text{l}$  in grab ground water samples from borings drilled directly north of the site, along the 5<sup>th</sup> Street sewer line. Borings east of the site had little to no contamination.

In January 2003, a passive skimmer was placed inside monitoring well MW-7 to remove free product. During monitoring activities in April 2004, free-product was noted in MW-8. The passive skimmer in MW-7 was moved to MW-8 to remove the free product.



On 04 and 05 October 2004, a total of thirteen soil borings were advanced at the site. Boring MW14 and the ten ozone sparge well borings were advanced at the north edge of the property to vertical depths of 20 feet and 15 feet below surface grade (bsg), respectively. Borings MW12 and MW13 were advanced in the 5<sup>th</sup> Street right of way to the north of the property to a vertical depth of 20 feet bsg. Pilot borings MW12 through MW14 were completed as ground water monitoring wells using 2-inch diameter polyvinylchloride (PVC) casing with a 0.020-inch slotted screen installed from 5 feet to 20 feet bsg. The ozone sparge well soil borings were completed with manufacturer-assembled, 2-inch by 24-inch microporous sparge points and blank casing extended to the surface, with a filter pack (No. 2/12 Lonestar sand) installed from 9 feet to 13 feet bsg. A total of three soil samples, taken from the monitoring well pilot borings, were analyzed for petroleum hydrocarbon constituents. In sample MW14-10, 1.8 milligrams per kilogram (mg/kg) TPH-d and 2.0 mg/kg MTBE were detected.

On 05, 06, and 07 July 2006, five soil borings were advanced on-site to a depth of 40 feet below surface grade (bsg) utilizing a CME-75 HT truck-mounted drill rig. On 18 July 2006, two additional soil borings were advanced on-site near the Adeline Street utility corridor to 20 feet bsg utilizing a van-mounted Geoprobe 5400 direct-push probing unit. All borings were continuously cored from surface grade to total depth. Soil and grab ground water samples were collected at selected intervals based on lithology encountered during drilling; grab ground water samples were collected from borings advanced immediately adjacent to P1 through P5, and at total depth in borings P6 and P7. Soil samples were collected between depths of 6 feet and 40 feet bsg from borings P1 through P7 and analyzed for petroleum hydrocarbon constituents. TPH-g was detected in soil samples P1-6, P1-21, P2-8, and P4-7 at concentrations of 210 mg/kg, 2.6 mg/kg, 110 mg/kg, and 10 mg/kg, respectively. TPH-d was detected in samples P1-6, P2-8, and P4-7 at concentrations of 7,600 mg/kg, 680 mg/kg, and 13,000 mg/kg, respectively.

Grab ground water samples were collected from soil borings advanced immediately adjacent to P1 through P5 at selected sandy zones between 10 feet and 35 feet bsg, and from borings P6 and P7 at a depth of 20 feet bsg. TPH-g was detected in boring P1 at 20 feet and 35 feet bsg, in boring P4 at 10 feet bsg, in boring P5 at 10 feet and 35 feet bsg, and in borings P6 and P7 at 20 feet bsg at concentrations ranging from 130 µg/l (P6-20-W) to 38,000 µg/l (P4-W-10). TPH-d was detected in boring P1 at 20 feet and 35 feet bsg, in boring P4 at 10 feet bsg, and in boring P7 at 20 feet bsg at concentrations ranging from 4,500 µg/l (P1-W-35) to 350,000 µg/l (P4-W-10). BTEX constituents were detected in boring P1 at 20 feet and 35 feet bsg, P5 at 10 feet and 35 feet bsg, and P6 at 20 feet bsg at maximum concentrations of 110 µg/l benzene (P1-W-20), 36 µg/l toluene (P5-W-10), 13 µg/l ethylbenzene (P1-W-35), and 17.3 µg/l total xylenes (P1-W-20). MTBE was detected in samples collected from boring P1 at 20 feet and 35 feet bsg, in boring P4 at 10 feet bsg, in boring P5 at 10 feet and 35 feet bsg, and in borings P6 and P7 at 20 feet bsg at concentrations ranging from 4.1 µg/l (P6-20-W) to 11,000 µg/l (P1-W-20). TAME was detected in boring P1 at 20 feet and 35 feet bsg, in boring P4 at 10 feet bsg, and in boring P5 at 10 feet bsg at concentrations ranging from 3.4 µg/l (P5-W-10) to 17 µg/l (P1-W-20). The lead scavenger 1,2-DCA was detected in boring

P1 at 20 feet and 35 feet bsg at concentrations of 4.7 µg/l and 3.4 µg/l, respectively. Benzene was detected in sample P1-21 at a concentration of 0.014 mg/kg. Toluene, ethylbenzene, and xylenes were detected in sample P2-8 at concentrations of 0.22 mg/kg, 0.62 mg/kg, and 4.2 mg/kg, respectively.

#### A.5. STRATIGRAPHY

In general, a distinct zone of gray-brown to black, moist to saturated peat and clay with a strong, stale odor was encountered throughout the site west of boring P1. The top of the peat zone was encountered at depths between approximately 7 feet on the western end of the site and 12 feet on the eastern end in boring P7, with thickness ranging from approximately 7 feet in boring P2 (east) to 20 feet in boring P4 (west). Clay and sandy clay were encountered in borings P3, P4, and P7 at depths above approximately 7 feet bsg, and gray to dark brown, fine-grained and poorly graded sand and silty sand were identified east of boring P1 and throughout the remaining depth intervals in all other borings.

# **APPENDIX B**

**Monitoring and Sampling Procedures**  
**RINEHART OIL, INC. - OAKLAND TRUCK STOP**  
**1107 5<sup>th</sup> Street, Oakland, California**

## GROUND WATER SAMPLING PROCEDURES

Prior to purging and sampling the ground water monitoring wells, static water level was measured using an electric water level indicator. Water level data was recorded to the nearest 0.01 foot from a reference point marked on the top of the PVC well casing. Before and after each use, the measuring device was rinsed with water.

## WELL PURGING

Subsequent to measurement of depth to water and prior to sampling, the well was purged to ensure the sample is representative of ground water in the formation, rather than of water standing in the well casing. Monitoring wells were purged by using a disposable polyethylene bailers. The disposable polyethylene bailers is disposed of after one use and required no decontaminating, minimizing cross contamination due to sampling devices. The wells were purged until: 1) a minimum of three casing volumes was removed from each well; and 2) field-measured ground water parameters including temperature, electrical conductivity, and pH had stabilized. Purge water generated during sampling activities was contained on-site in an appropriately labeled 55-gallon drum.

## SAMPLE WITHDRAWAL

Following 80 percent recovery of ground water within the well after purging, ground water samples were collected from the monitoring wells using disposable polyethylene bailers. These bailers are disposed of after one use and required no decontaminating, minimizing cross contamination due to sampling devices. The samples were drawn and collected in such a manner that agitation and exposure of the ground water to the atmosphere was minimal. Sample containers were filled using the appropriate disposable sampling attachment which allows controlled flow out of the bottom of the bailer.

## SAMPLE HANDLING

Ground water samples are collected into laboratory-supplied 40-ml volatile organic analysis (VOA) vials without preservative; samples are collected with no visible air bubbles present in the vials after filling and capping. Following collection, samples are appropriately labeled, placed on ice, and kept in a cooler until delivered to Cal Tech Environmental Laboratories (CTEL), a State of California Department of Public Health-certified analytical laboratory, for analysis. Samples are analyzed for:

Appendix B - Monitoring and Sampling Procedures  
Page 2 of 2

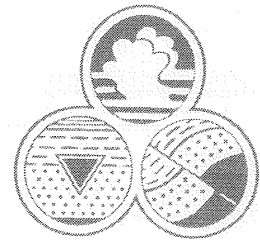
- Total petroleum hydrocarbons quantified as gasoline (TPH-g) in accordance with EPA Method 8015 Modified; and
- Benzene, toluene, ethyl-benzene, and total xylenes (BTEX), and fuel additives methyl tertiary-butyl ether (MTBE), di-isopropyl ether (DIPE), ethyl tertiary-butyl ether (ETBE), tertiary-amyl methyl ether (TAME), tertiary butanol (TBA), ethylene dibromide (EDB), and 1,2-dichloroethane (1,2-DCA) in accordance with EPA Method 8260B.

#### EQUIPMENT DECONTAMINATION

Prior to sample collection, all sampling tools used for sample collection were thoroughly washed with a solution of Alconox and rinsed with clean water.

# **APPENDIX C**

# Advanced GeoEnvironmental, Inc.



## Ground Water Depth/Dissolved Oxygen/ORP Field Log

Project: RINEHART - OAKLAND TRUCK STOP

Date: 3-26-09

Field Personnel: MB

Page: 1 of 1

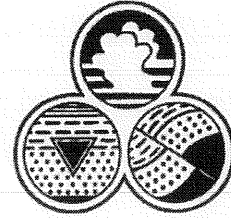
Well I.D.	Time	Casing Elev.	Depth to Free Product	Depth to Water†	Ground Water Elev.	Measured Depth (FOC)*	Total Depth	ORP	Dissolved Oxygen		
									mg/l	%	°C
MW-1	1051	10.02'		3.64	6.38	17.76	20'				
3N	1109	11.36'		3.70	7.66	11.50	12'				
4	1105	10.16'		4.39	5.77	13.15	20'				
5	1118	10.19'		3.96	6.23	14.20	20'				
6	1100	10.33'		4.08	6.25	13.90	20'				
7	1127	11.41'		5.91	5.50	19.00	20'				
8	1122	9.73'		3.25	6.48	18.30	20'				
9	1055	9.73'		3.21	6.52	19.85	20'				
10	1022	9.42'		1.30	8.12	10.90	12'				
11	1026	10.77'		3.98	6.79	11.60	12'				
12	1042	10.59'		4.71	5.88	20.05	20'				
13	1038	11.29'		5.42	5.87	19.55	20'				
14	1113	11.39'		5.80	<del>6.59</del>	19.50	20'				
15	1035			5.45	<del>4.59</del>	18.30					
16	1046			4.80	5.56	19.75					

Version 3.5/20040914/CRM

Advanced

GeoEnvironmental, Inc.

837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118



Monitoring Well Field Log

Well Data

Project Name: -RINO PACIFIC-OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date:3-26-09
Pre-Purge DTW: 3.96	Time: 1113	Well I.D.:MW- 5	
Post-Purge DTW: 3.96	Time: 1236		
Total Depth of Well: 14.20	Well Volume: 1.63	Casing Diameter: 0.5" 2" 4" 6"	Gal./Ft.: 0.01074 0.16 0.65 1.47
Sampler(s): MB	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.:MW- 5	/032609	Analysis: TPH-g,d/BTEX/TAME/TBA/MTBE	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond $\mu$ S/cm	Color/Turbidity	Notes
1229	0	6.81	16.9	1806	clear	odor/sheen.
1231	1.75	6.78	16.6	1640	u	u /oily
1233	3.50	6.75	16.4	1541	u	u
1235	5	6.73	16.5	1515	u	u

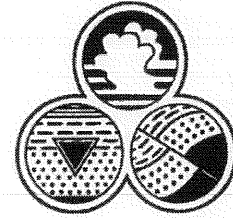
Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1237	Dissolved O <sub>2</sub> :	C
WATER ANALYZER:OAKTON		%	mg/L



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Monitoring Well Field Log

Well Data

Project Name: -RINO PACIFIC-OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date:3-26-09	
Pre-Purge DTW: 5.91	Time: 1127	Well I.D.:MW- 7		
Post-Purge DTW: 8.27	Time: 1256			
Total Depth of Well: 19.00	Well Volume: 2.09	Casing Diameter: Gal./Ft.:	0.5" 0.01074	2" 0.16
Sampler(s): MB		Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.:MW- 7 /032609		Analysis: TPH-g,d/BTEX/TAME/TBA/MTBE		

Stabilization Data

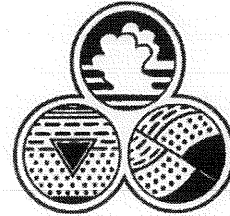
Time	Volume (gallons)	pH	Temp.	Cond μS/cm	Color/Turbidity	Notes
1249	0	6.72	18.1	1206	clear	odor / sheen
1251	2.25	6.72	18.2	1216	h	h
1253	4.50	6.72	18.5	1207	h	h
1255	6.50	6.71	18.7	1208	h	h

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1257	Dissolved O <sub>2</sub> :	C
WATER ANALYZER:OAKTON		%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: -RINO PACIFIC-OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date:3-26-09
Pre-Purge DTW: 3.25	Time: 1122	Well I.D.:MW- 8	
Post-Purge DTW: 14.70	Time: 1217		
Total Depth of Well: 18.30	Well Volume: 2.40	Casing Diameter: 0.5" 2" 4" 6" Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): MB		Sample Containers: 3 VOAs, 1 Amber	
Sample I.D.:MW- 8	/032609	Analysis: TPH-g,d/BTEX/TAME/TBA/MTBE	

Stabilization Data

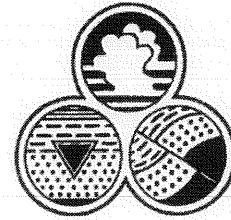
Time	Volume (gallons)	pH	Temp.	Cond $\mu$ S/cm	Color/Turbidity	Notes
1210	0	6.62	18.6	1660	clear	odor / sheen
1212	2.50	6.67	18.7	1606	cloudy	u
1214	5	6.70	18.9	1738	u	u
1216	7.25	6.67	19.3	1740	u	u
Drew down to 14.70 at 1217,						
- waiting for recharge to sample						
ADTW is 3.70 at sample time						

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1318	Dissolved O <sub>2</sub> :	C
WATER ANALYZER:OAKTON		%	mg/L

Advanced

GeoEnvironmental, Inc.

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Monitoring Well Field Log

Well Data

Project Name: -RINO PACIFIC-OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date:3-26-09
Pre-Purge DTW: 5.80	Time: 1113	Well I.D.:MW- 14	
Post-Purge DTW: 8.02	Time: 1154		
Total Depth of Well: 19.50	Well Volume: 2.19	Casing Diameter: 0.5" 2" 4" 6" Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): MB	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.:MW- 14	/032609	Analysis: TPH-g,d/BTEX/TAME/TBA/MTBE	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond $\mu$ S/cm	Color/ Turbidity	Notes
1147	0	6.90	18.6	721	clear	no odor
1149	2.29	6.71	18.4	725	cloudy	u
1151	4.50	6.66	18.6	728	u	u
1153	6.75	6.68	18.6	729	u	u

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1155	Dissolved O <sub>2</sub> :	C
WATER ANALYZER:OAKTON		%	mg/L

# **APPENDIX D**

# CAL TECH Environmental Laboratories



6814 Rosecrans Avenue, Paramount, CA 90723-3146  
 Telephone: (562) 272-2700 Fax: (562) 272-2789

## ANALYTICAL RESULTS\*

**CTEL Project No:** CT214-0903177  
**Client Name:** Advanced Geo Environmental, Inc.  
 837 Shaw Road  
 Stockton, CA 95215  
**Attention:** Mr. Art Deicke  
**Phone:**(209) 467-1006  
**Fax:** (209) 467-1118

**Project ID:** Global ID: T0600102136  
**Project Name:** Oakland Truck Stop

**Date Sampled:** 03/26/09 @ 12:37 p.m. **Matrix:** Water  
**Date Received:** 03/27/09 @ 09:00 am  
**Date Analyzed:** 03/27/09

Laboratory ID:	0903-177-1	0903-177-2	0903-177-3	Method	Units:	Detection Limit
Client Sample ID:	MW5	MW7	MW8			
Dilution	1-5	1-20	1-10			
TPH - Gasoline	9400	64000	11000	EPA 8015M	ug/L	50
TPH - Diesel	75000	62000	5900	EPA 8015M	ug/L	50
<b>VOC, 8260B</b>						
Dilution	1	1-20	1-10			
Methyl-tert-butyl-ether(MtBE)	ND	5000	36	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	5000	65000	14000	SW846 8260B	ug/L	10
t-Amyl Methyl Ether (TAME)	ND	58	11	SW846 8260B	ug/L	1
Benzene	ND	4300	ND<0.5	SW846 8260B	ug/L	0.5
Toluene	ND	48	ND<0.5	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	21	ND<0.5	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	240	ND<0.6	SW846 8260B	ug/L	0.6
o-Xylene	ND	26	ND<0.6	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	123	114	107	70-130
1,2 Dichloroethaned4	127	128	103	70-130
Toluene-d8	97	113	101	70-130
Bromofluorobenzene	114	126	106	70-130

**CTEL Project No:** CT214-0903177  
**Client Name:** Advanced Geo Environmental, Inc.  
 837 Shaw Road  
 Stockton, CA 95215

**Phone:**(209) 467-1006  
**Fax:** (209) 467-1118

**Attention:** Mr. Art Deicke

**Project ID:** Global ID: T0600102136  
**Project Name:** Oakland Truck Stop

**Date Sampled:** 03/26/09 @ 11:55 am  
**Date Received:** 03/27/09 @ 09:00 am  
**Date Analyzed:** 03/27/09

**Matrix:** Water

**Laboratory ID:** 0903-177-4  
**Client Sample ID:** MW14  
**Dilution:** 1

**Method**                      **Units:**                      **Detection Limit**

**TPH - Gasoline**                      ND                      EPA 8015M                      ug/L                      50  
**TPH - Diesel**                      ND                      EPA 8015M                      ug/L                      50

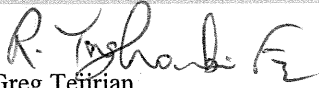
**VOC, 8260B**

**Dilution**                      1

Compound	Result	Method	Units	Detection Limit
Methyl-tert-butyl-ether(MtBE)	26	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	SW846 8260B	ug/L	10
t-Amyl Methyl Ether (TAME)	ND	SW846 8260B	ug/L	1
Benzene	ND	SW846 8260B	ug/L	0.5
Toluene	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	SW846 8260B	ug/L	0.6
o-Xylene	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY	Control Limit
Dibromofluoromethane	121	70-130
1,2 Dichloroethaned4	126	70-130
Toluene-d8	114	70-130
Bromofluorobenzene	119	70-130

  
 Greg Tejirian  
 Laboratory Director

\*The results are base upon the sample received.

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

# CAL TECH Environmental Laboratories



6814 Rosecrans Avenue, Paramount, CA 90723-3146  
Telephone: (562) 272-2700 Fax: (562) 272-2789

## QA/QC Report

Method: 8015M  
Matrix: Water  
Date Analyzed: 3/27/2009  
Date Extracted: 3/27/2009

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Rec.	Limits RPD	RPD
	MS	MSD		MS	MSD			
TPH - Gasoline	1045	1031	1000	104	103	70-130	20	1
TPH - Diesel	1127	1068	1000	113	107	70-130	20	6

Perimeters	Method Blank	Units	Det. Limit
TPH - Gasoline	ND	ug/L	50
TPH - Diesel	ND	ug/L	50

MS: Matrix Spike  
MSD: Matrix Spike Duplicate

RPD: Relative Percent Difference of MS and MSD

# CAL TECH Environmental Laboratories



6814 Rosecrans Avenue, Paramount, CA 90723-3146  
 Telephone: (562) 272-2700 Fax: (562) 272-2789

## QA/QC Report

Method: 8260B  
 Matrix: Water  
 Date Analyzed: 3/27/2009  
 Date Extracted: 3/27/2009

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Rec.	Limits RPD	RPD
	MS	MSD		MS	MSD			
1,1-Dichloroethane	48	47	50	96	94	70-130	20	2
Benzene	50	50	50	100	100	70-130	20	0
Trichloroethene	55	53	50	110	106	70-130	20	4
Toluene	52	53	50	104	106	70-130	20	2
Chlorobenzene	46	47	50	92	94	70-130	20	2
m,p-Xylenes	98	102	100	98	102	70-130	20	4

MS: Matrix Spike

MSD: Matrix Spike Duplicate

RPD: Relative Percent Difference of MS and MSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
TCE	ND	ug/L	1
PCE	ND	ug/L	1





# Advanced GeoEnvironmental, Inc.

www.advgeoenv.com

## CHAIN OF CUSTODY RECORD

- 837 Shaw Road, Stockton, California 95215 • Phone (209) 467-1006 • Fax (209) 467-1118
- 381 Thor Place, Brea, California 92821 • Phone (714) 529-0200 • Fax (714) 529-0203
- 2318 Fourth Street, Santa Rosa, California 95404 • Phone (707) 570-1418 • Fax (707) 570-1461
- 395 Del Monte Center, #111, Monterey, California 93940 • Phone (800) 511-9300 • Fax (831) 394-5979

Date: 3-26-09 Page 1 of 1

03-177

### Analysis Required

Project Name: Pino Pacific Oakland Truck Stop

Project Manager: Art Deicke

Client: \_\_\_\_\_

Sampler (initials & signature): [Signature]

Invoice to:  AGE  Client

Lab Project No.: \_\_\_\_\_

Sample ID/Location/Description	Date	Time	Matrix	Number	Notes
<u>MW-5/032609</u>	<u>032609</u>	<u>1237</u>	<u>W</u>	<u>4</u>	
<u>MW-7/032609</u>	<u>↓</u>	<u>1257</u>	<u>↓</u>	<u>↓</u>	
<u>MW-8/032609</u>	<u>↓</u>	<u>1318</u>	<u>↓</u>	<u>↓</u>	
<u>MW-14/032609</u>	<u>↓</u>	<u>1155</u>	<u>↓</u>	<u>↓</u>	

<u>TPH-G</u>	<u>TPH-D</u>	<u>PIEX</u>	<u>TAME</u>	<u>TBA</u>	<u>MTBE</u>
<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>
<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>

Relinquished by: [Signature]

Date: 032609

Time: 1630

Laboratory: cal-tech

Courier: ontrac

Received by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Received by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Received by: R. Toth

Date: 3-27-09 Time: 9:00

Requested Turn Around Time (circle): 24 hours 48 hours 72 hours 5 days (standard) Other: \_\_\_\_\_

Matrix Codes: A = Air W = Water S = Solid

Special Instructions to lab: \_\_\_\_\_

I hereby authorize the performance of the above indicated work.

Geotracker EDF to:  geotracker@advgeoenv.com

Global ID: \_\_\_\_\_

[Signature]