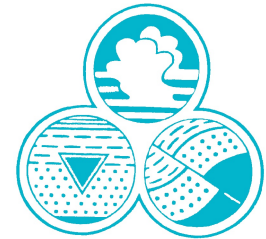


Advanced GeoEnvironmental, Inc.



12 February 2008
AGE-NC Project No. 03-1101

RECEIVED

3:01 pm, Feb 14, 2008

Alameda County
Environmental Health

Mr. Jerry Wickham
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Subject: Quarterly Report - Fourth Quarter 2007
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California**

Dear Mr. Wickham:

At the request of Mr. Reed Rinehart of RinoPacific, Inc., *Advanced* GeoEnvironmental, Inc. has prepared the enclosed *Quarterly Report - Fourth Quarter 2007* for the above-referenced site. The scope of work included monitoring of the on-site ozone sparge remediation system, performance of the October 2007 ground water monitoring event, submission of monitoring and analytical data to the State Water Resources Control Board's GeoTracker information management system, and preparation of this report.

If you have any questions or require further information, please contact our office at (707) 570-1418.

Sincerely,

***Advanced* GeoEnvironmental, Inc.**

Gavin D. McCreary
Staff Scientist

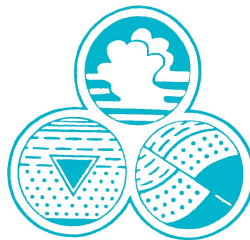
Quarterly Report - Fourth Quarter 2007
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

12 February 2008
AGE-NC Project No. 03-1101

PREPARED FOR:

Mr. Reed Rinehart
RINEHART OIL, INC.

PREPARED BY:

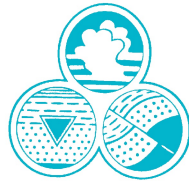


Advanced GeoEnvironmental, Inc.

381 Thor Place, Brea, California 92821 • Phone (714) 529-0200 • Fax (714) 529-0203
837 Shaw Road, Stockton, California 95215 • Phone (209) 467-1006 • Fax (209) 467-1118
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Quarterly Report - Fourth Quarter 2007
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

12 February 2008
AGE-NC Project No. 03-1101



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

PREPARED BY:

A handwritten signature in black ink that reads "Gavin D. McCreary". The signature is written in a cursive style and is positioned above a horizontal line.

Gavin D. McCreary
Staff Scientist

PROJECT MANAGER:

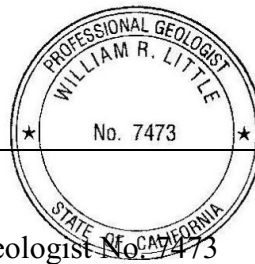
A handwritten signature in black ink that reads "Gavin D. McCreary". The signature is written in a cursive style and is positioned above a horizontal line.

Gavin D. McCreary
Staff Scientist

REVIEWED BY:

A handwritten signature in black ink that reads "William R. Little". The signature is written in a cursive style and is positioned above a horizontal line.

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



Quarterly Report - Fourth Quarter 2007
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

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Quarterly Report - Fourth Quarter 2007
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

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Quarterly Report - Fourth Quarter 2007
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

1.0. INTRODUCTION

At the request of Mr. Reed Rinehart of Rinehart Oil Inc., *Advanced GeoEnvironmental, Inc. (AGE)* has prepared this *Quarterly Report - Fourth Quarter 2007* for the site located at 1107 5th Street, Oakland, California. This report presents the procedures and results of the October 2007 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 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 *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 25 October 2007, the fourth quarter 2007 ground water monitoring event was conducted at the site. Following the guidelines for the Ground Water Monitoring Program, this sampling round included the measurement of ground water levels and collection of ground water samples from each of the site related monitoring wells MW-1, MW-3N, and MW-4 through MW-16 (Figure 2). Ground water sampling procedures and protocols implemented at the site are presented in Appendix B. The ground water monitoring program for the site is presented below:

- Quarterly monitoring of ground water levels, and ground water sample collection and analysis for wells MW-1, MW-3N, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, and MW-16.

Measurements of depth to ground water were obtained prior to purging and sampling of the ground water monitoring wells at the site. During well purging procedures, ground water parameters including temperature, pH, and conductivity were routinely measured until purge water parameters stabilized to ensure the presence of ground water representative of the formation. Between 3 and 8 gallons of water (three casing-water volumes) was purged from monitoring wells MW-1, MW-3N, and MW-4 through MW-14. Wells MW-15 and MW-16 were each purged of 23 gallons of water. Ground water sampling field data and logs are presented in Appendix C. The purged water was stored on-site in properly labeled, Department of Transportation (DOT)-approved 55-gallon drums.

Following sample collection, each ground water sample was labeled, logged on a chain-of-custody form, and placed in a chilled container for storage and transportation to an analytical laboratory. Ground water samples were submitted for analysis to Cal Tech Environmental Laboratories (CTEL), a California Department of Public Health (CDPH)-certified analytical laboratory, for analysis. The samples were analyzed for:

- Total petroleum hydrocarbons quantified as gasoline and diesel (TPH-g and TPH-d, respectively), in accordance with EPA Method 8015M; and
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX), and fuel oxygenating compounds di-isopropyl ether (DIPE), ethyl tertiary-butyl ether (ETBE), methyl tertiary-butyl ether (MTBE), tertiary-amyl methyl ether (TAME), and tertiary-butyl alcohol (TBA) and lead scavengers 1,2-dibromoethane (EDB), and 1,2-dichloroethane (1,2-DCA), in accordance with EPA Method 8260B.

Chain-of-custody protocols were used to document sample custody transfers from the field to the analytical laboratory. The CTCL report No. CT214-0708179, which documents the ground water analyses, test methods, laboratory quality assurance/quality control (QA/QC) reports, and chain-of-custody forms, is provided in Appendix D. The GeoTracker confirmation number of the submitted laboratory electronic deliverable format (EDF) file is #4618592858. Ground water analytical results are presented in Section 3.2.

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 Table 2. A summary of the geochemical parameter measurements and the ozone system operation and maintenance activities are presented in Table 3 and Table 4, respectively.

3.1. GROUND WATER FLOW DIRECTION AND GRADIENT

Depth to ground water was measured between 2.23 feet (MW-10) and 6.55 feet (MW-7) below the well heads. Ground water elevation at the site ranged from 4.85 feet (MW-16) to 7.19 feet (MW-10) above mean sea level (MSL). The average measured ground water elevation was approximately 5.77 feet above MSL, an increase of 0.35 feet since the previous monitoring event conducted in August 2007. The GeoTracker confirmation number of the submitted depth to water electronic

deliverable format data (EDD) file is No. 3377669394.

During the monitoring event, the potentiometric surface at the site is shown as a northeast-trending ridge centered over wells MW-10 and MW-3N, and extended towards MW-14. Ground water was inferred to be generally flowing toward the north and towards the northeast under a hydraulic gradient of 0.01 foot per foot (ft/ft). Depth to water and ground water elevations are summarized in Table 1. Figure 3 illustrates the contoured ground water elevations as measured on 25 October 2007.

3.2. GROUND WATER ANALYTICAL RESULTS

The analytical results for ground water samples collected from on-site monitoring wells MW-1, MW-3N, and MW-4 through MW-16 are as follows:

TPH-g was detected in seven of the 15 ground water samples collected, at concentrations ranging from 110 micrograms per liter ($\mu\text{g/l}$) to 41,000 $\mu\text{g/l}$ in wells MW-11 and MW-7, respectively. TPH-d was detected in four of the 13 samples, at concentrations ranging from 4,200 $\mu\text{g/l}$ to 300,000 $\mu\text{g/l}$ in wells MW-6 and MW-5, respectively. Figures 4 and 5 illustrate the estimated distributions of dissolved TPH-g and TPH-d at the site.

BTEX constituents were detected in three of the 15 ground water samples collected for analysis. Benzene, toluene, and ethyl-benzene were detected at reported concentrations of 3,800 $\mu\text{g/l}$, 53 $\mu\text{g/l}$, and 380 $\mu\text{g/l}$, respectively, in sample MW-7 (Table 2). Total xylenes were detected in wells MW-4, MW-8, and MW-7 at concentrations of 1.6 $\mu\text{g/l}$, 3.6 $\mu\text{g/l}$, and 1,521 $\mu\text{g/l}$, respectively.

MTBE was detected in six of the 15 samples collected from the site related wells, at concentrations ranging from 7.2 $\mu\text{g/l}$ (MW-8) to 1,300 $\mu\text{g/l}$ (MW-7). TAME and 1,2-DCA were detected in well MW-7 at concentrations of 18 $\mu\text{g/l}$ and 62 $\mu\text{g/l}$, respectively. Figure 6 illustrates the estimated distribution of dissolved MTBE at the site.

A summary of ground water analytical results is presented in Table 2. The CTEL report No. CT214-0710220, which documents the ground water analyses, test methods, laboratory QA/QC reports, and chain-of-custody forms, is provided in Appendix D. The GeoTracker confirmation number of the submitted laboratory EDF file is #4618592858.

3.3. OZONE SPARGING REMEDIATION

In-situ chemical oxidation (ozone injection) operation began at the site on 24 September 2005. The two (North Unit and South Unit) ozone systems currently inject ozone, for a duration of 1-hour, into

two ozone injection points at a time.

For the North Unit a total of ten ozone injection wells have been on-line throughout the fourth quarter 2007. The North Unit was shut down from March to July 2007 due to the destruction of ozone wells OZ6, OZ7, OZ10, OZ16, and OZ17. On 27 July 2007, subsequent to re-plumbing the recently replaced ozone sparge points, the North Unit was reactivated. For the South Unit, a total of ten ozone injection points were on-line throughout the fourth quarter 2007.

Summaries of the ozone system geochemical parameters measured from site related monitoring wells, and the operational parameters and maintenance activities through the third quarter 2007 are included in Tables 3 and 4, respectively.

4.0. SUMMARY AND CONCLUSIONS

- Depth to ground water was measured between 2.23 feet (MW-10) and 6.55 feet (MW-7) below the well heads. Ground water elevation at the site ranged from 4.85 feet (MW-16) to 7.19 feet (MW-10) above MSL. During the fourth quarter 2007 monitoring event, the potentiometric surface at the site is shown as a northeast-trending ridge centered over wells MW-10 and MW-3N, and extended towards MW-14. Ground water was flowing north and northeast (0.01 ft/ft). This flow pattern is consistent with those observed during previous monitoring events.
- TPH-g was detected in seven of the 15 ground water samples collected, at concentrations ranging from 110 µg/l to 41,000 µg/l in wells MW-11 and MW-7, respectively. As shown on Figure 4, the highest concentrations of TPH-g appear to be in the central portion of the site, in the vicinity of wells MW-5 and MW-8, and on the northwestern portion of the site, in the vicinity of MW-7. TPH-d was detected in four of the 15 samples at concentrations ranging from 4,200 micrograms per liter (µg/l) to 300,000 µg/l in wells MW-6 and MW-7, respectively. As shown on Figure 5, the highest concentrations of TPH-d appear to be in the central portion of the site, in the vicinity of wells MW-5 and MW-8, and on the northwestern portion of the site, in the vicinity of MW-7.
- BTEX constituents were detected in three of the 15 ground water samples collected for analysis. Benzene, toluene, and ethyl-benzene were detected at reported concentrations of 3,800 µg/l, 53 µg/l, and 380 µg/l, respectively, in sample MW-7 (Table 2). Total xylenes were detected in wells MW-4, MW-8, and MW-7, at concentrations of 1.6 µg/l, 3.6 µg/l, and 1,521 µg/l, respectively.
- MTBE was detected in six of the 13 samples collected from the site related wells at concentrations ranging from 7.2 µg/l (MW-8) to 1,300 µg/l (MW-7). TAME and 1,2-DCA were detected in well MW-7 at concentrations of 18 µg/l and 62 µg/l, respectively. Figure 6

illustrates the estimated distribution of dissolved MTBE at the site.

- For the Northern Ozone Unit, a total of ten ozone injection wells have been on-line throughout the Fourth Quarter 2007. On 27 July 2007, subsequent to re-plumbing the recently replaced ozone sparge points, the North Unit was reactivated. For the South Unit, a total of ten ozone injection points were on-line throughout the Fourth Quarter 2007. As shown on Figures 7 and 8, the concentrations of TPH-g and TPH-d in the majority of the wells has decreased subsequent to activating the ozone injection systems. However, the concentrations of TPH-g and TPH-d in well MW-5 have exhibited a slight increasing trend over the past two quarters of monitoring. As shown in Figures 9 and 10, the concentrations of benzene and MTBE in ground water have decreased overall during the monitoring program, and have decreased significantly since the activation of the ozone injection systems. Although the concentrations of benzene and MTBE have appeared to fluctuate more than the other contaminants of concern from quarter to quarter, the overall trend is still decreasing.

5.0. RECOMMENDATIONS

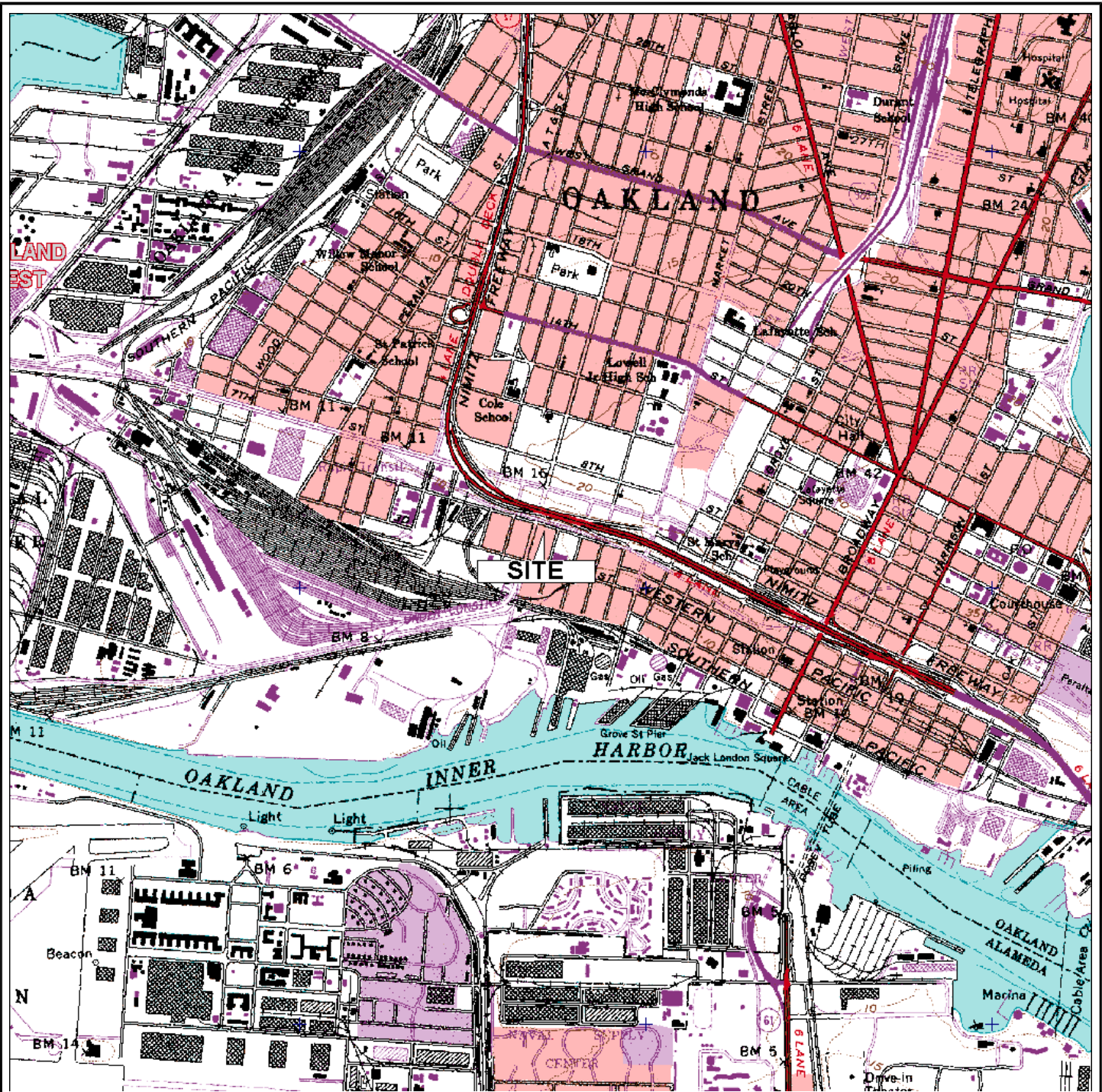
Based upon data reviewed and collected at the site, AGE recommends:

- Continued quarterly ground water monitoring; the first quarter 2008 ground water monitoring event was performed in January 2008 and the report is forthcoming.
- Continuation of *in-situ* chemical oxidation (ozone injection) remediation.

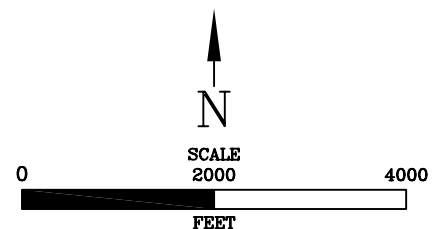
6.0. LIMITATIONS

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)

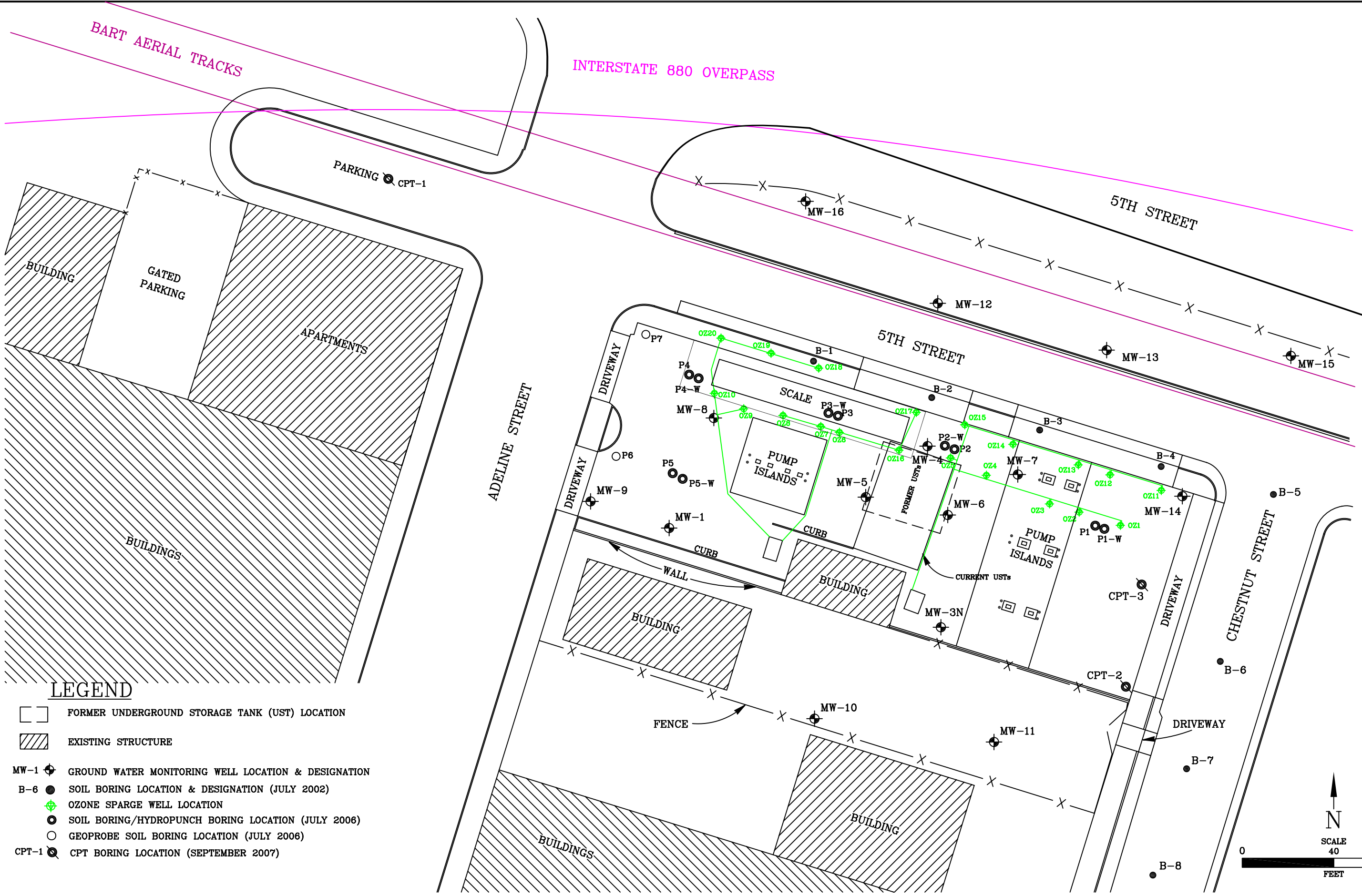


LOCATION MAP
 RINEHART – OAKLAND TRUCK STOP
 1107 5TH STREET
 OAKLAND, CALIFORNIA











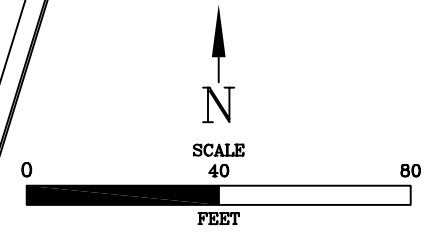
Advanced
 GeoEnvironmental, Inc.
of Northern California

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

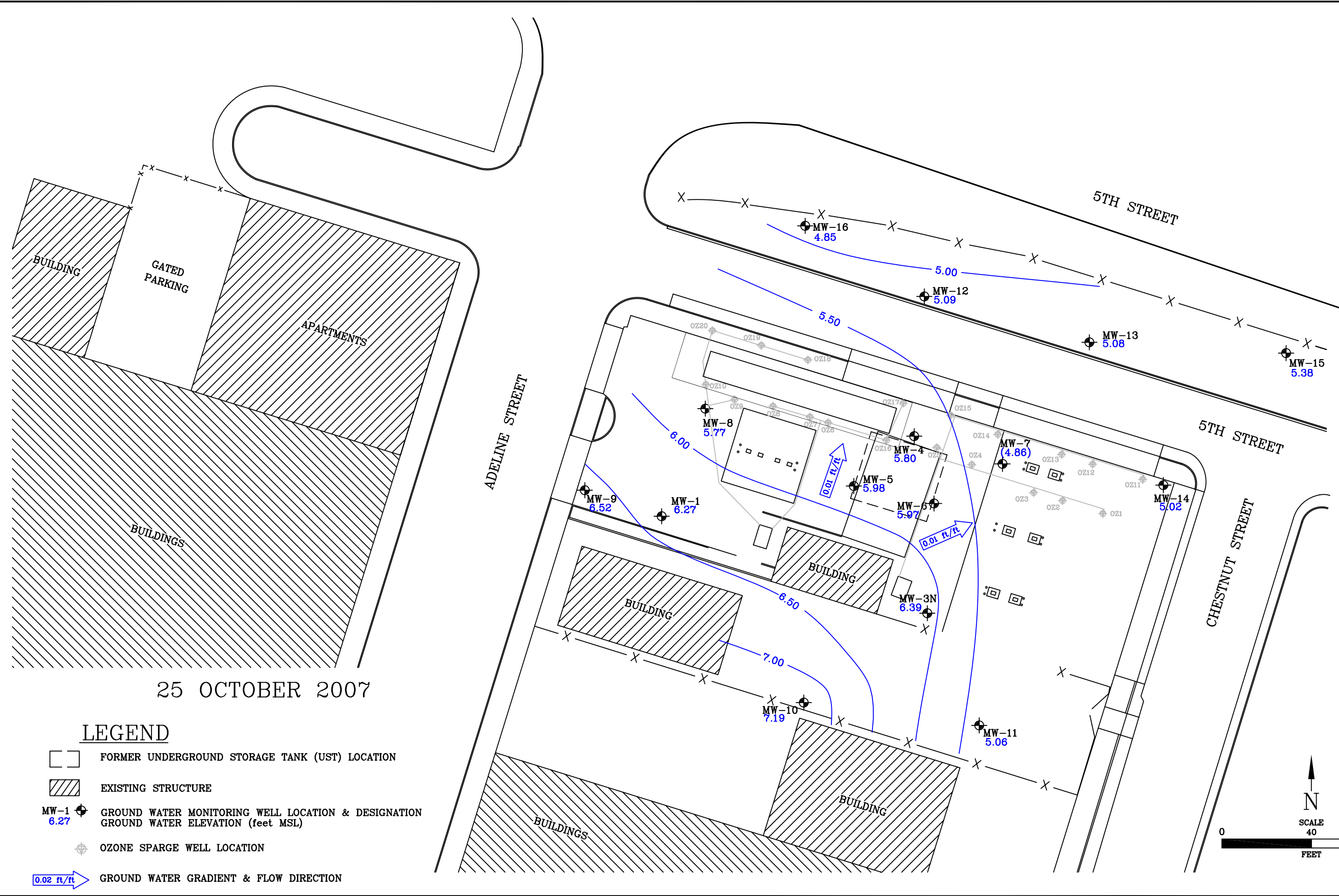


LEGEND

-  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)



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



25 OCTOBER 2007

LEGEND

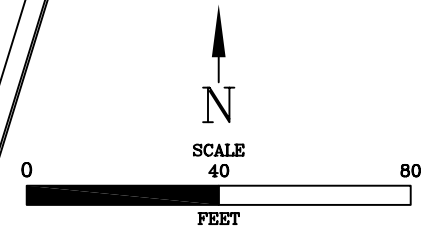
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- EXISTING STRUCTURE
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 GROUND WATER MONITORING WELL LOCATION & DESIGNATION

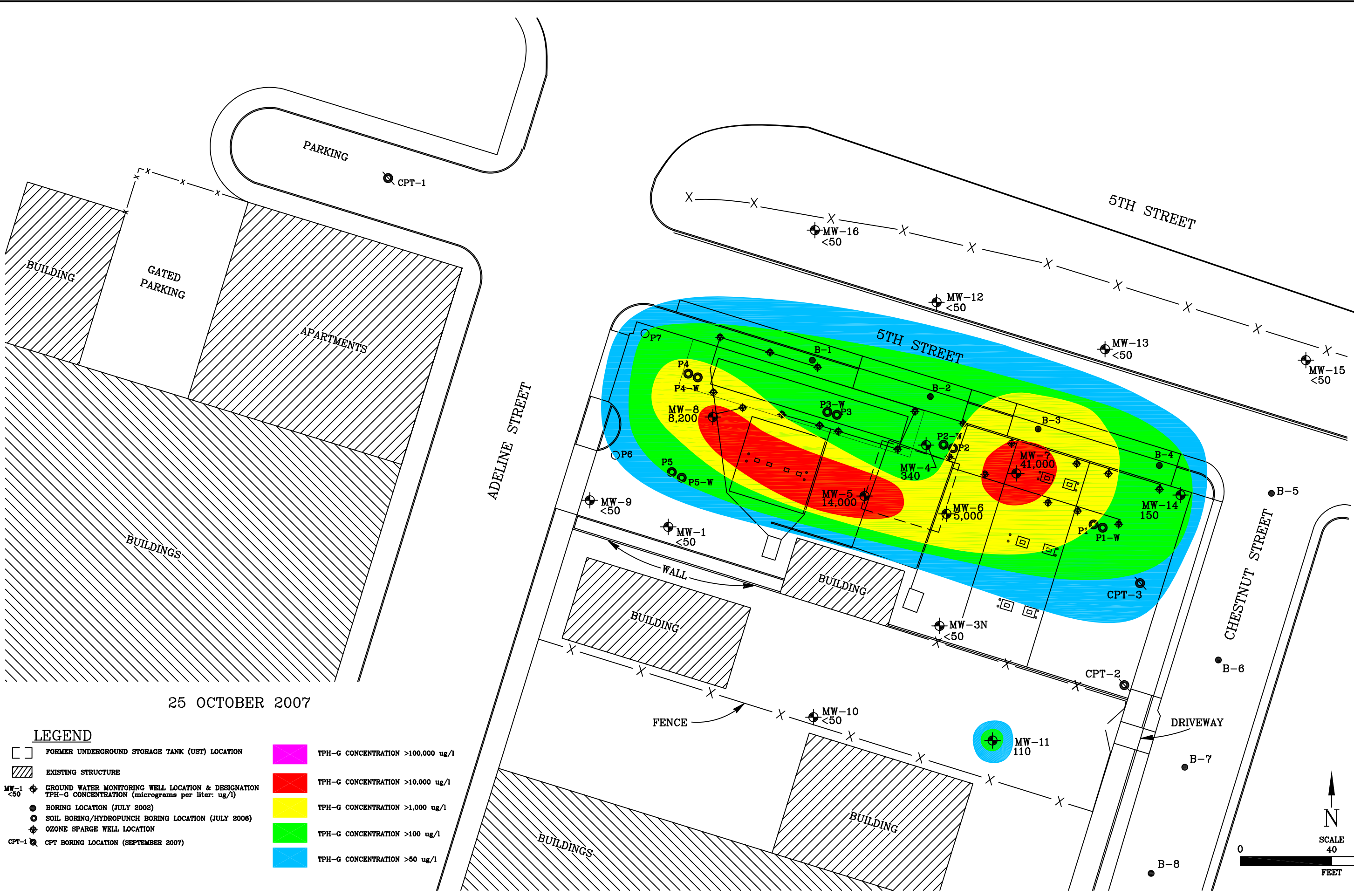
+
 GROUND WATER ELEVATION (feet MSL)
- +
 OZONE SPARGE WELL LOCATION
- GROUND WATER GRADIENT & FLOW DIRECTION

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 FILE: oak gw1007 FIGURE:
 DATE: October 2007 DRAWN BY: MAC 3



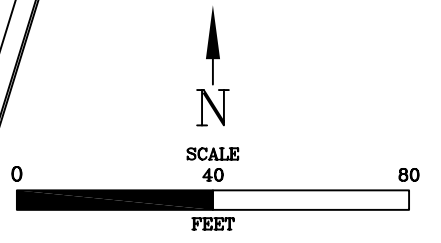


25 OCTOBER 2007

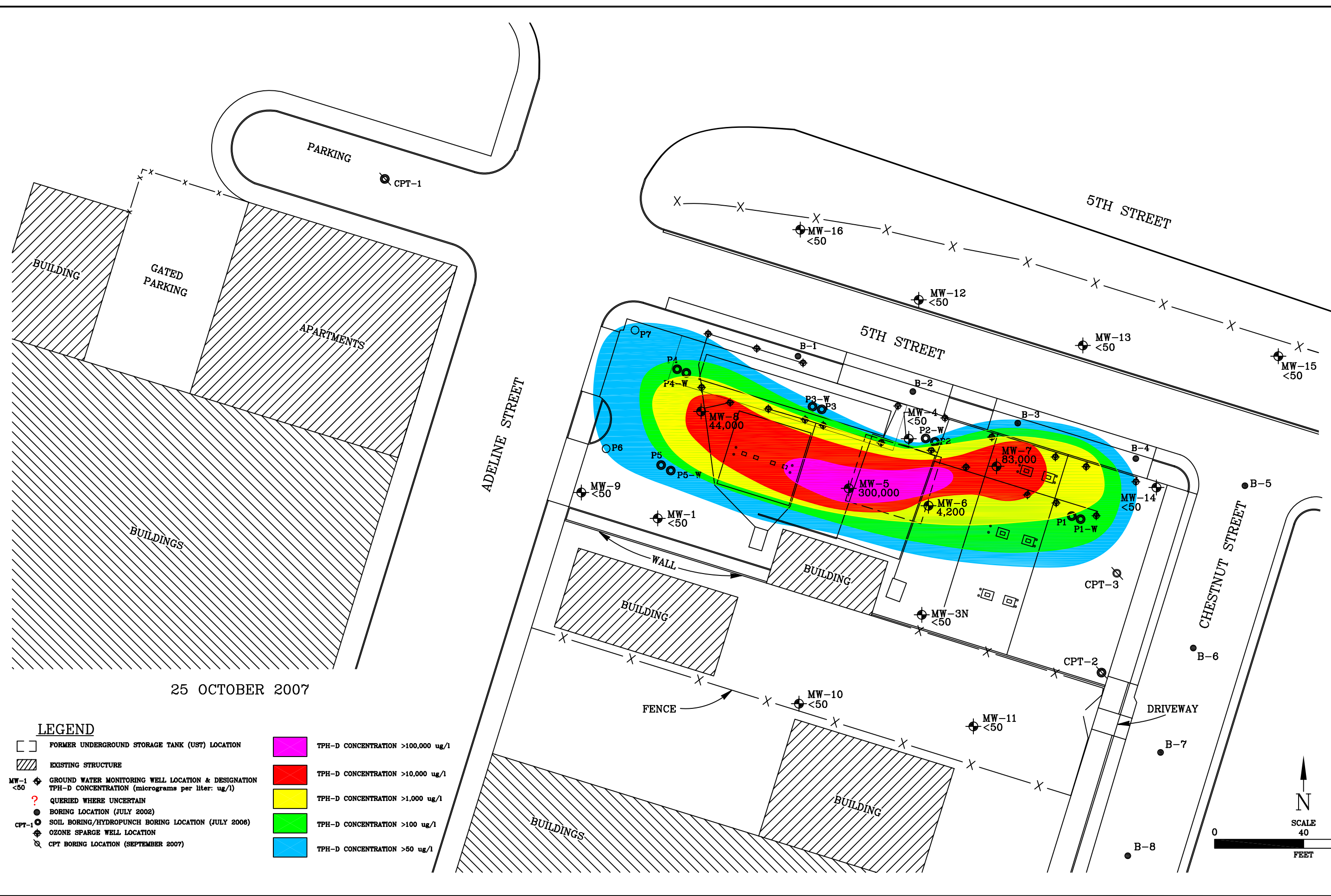
LEGEND

- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
- ▨ EXISTING STRUCTURE
- MW-1 GROUND WATER MONITORING WELL LOCATION & DESIGNATION
TPH-G CONCENTRATION (micrograms per liter: ug/l)
- 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**



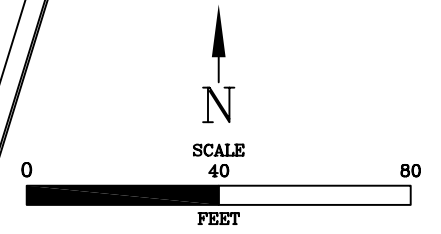
DISSOLVED TPH-D
RINEHART - OAKLAND TRUCK STOP
1107 5TH STREET
OAKLAND, CALIFORNIA

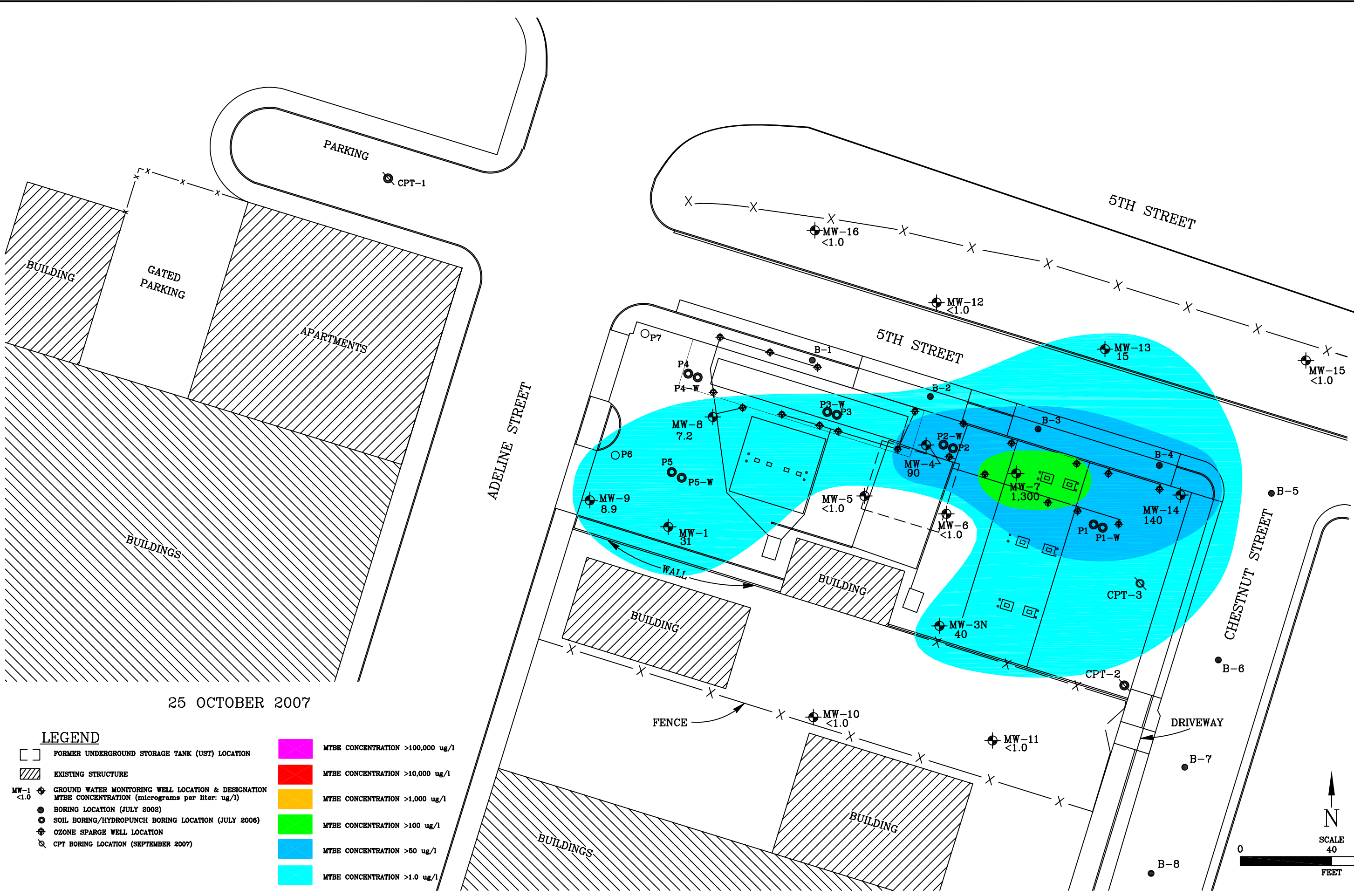


25 OCTOBER 2007

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 |
| QUERIED WHERE UNCERTAIN | TPH-D CONCENTRATION >50 ug/l |
| BORING LOCATION (JULY 2002) | |
| CPT-1 SOIL BORING/HYDROPUNCH BORING LOCATION (JULY 2006) | |
| OZONE SPARGE WELL LOCATION | |
| CPT BORING LOCATION (SEPTEMBER 2007) | |

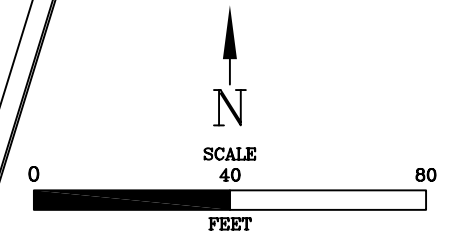




25 OCTOBER 2007

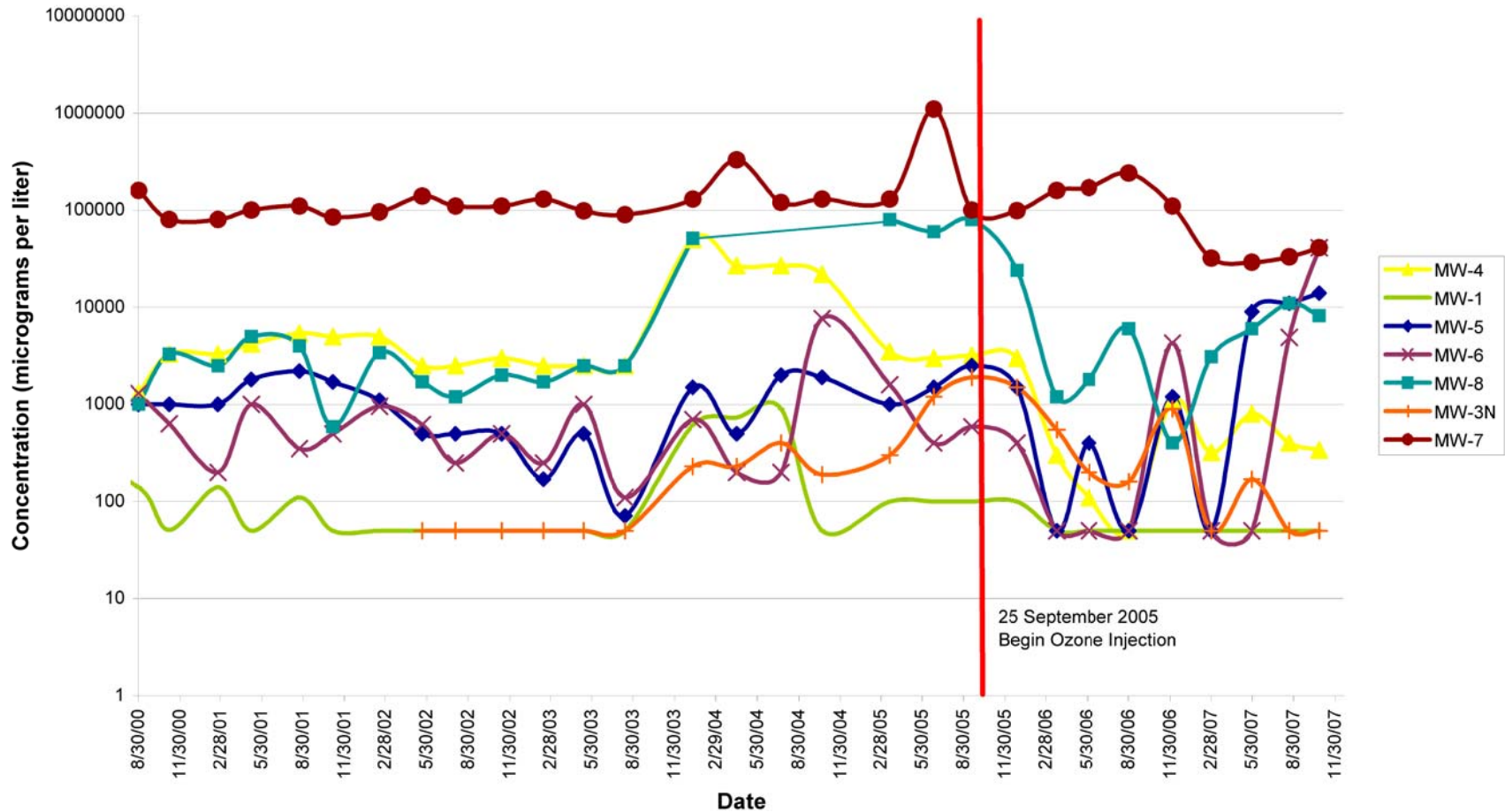
LEGEND

- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
- EXISTING STRUCTURE
- GROUND WATER MONITORING WELL LOCATION & DESIGNATION
MW-1 <1.0
- BORING LOCATION (JULY 2002)
- SOIL BORING/HYDROPUNCH BORING LOCATION (JULY 2006)
- OZONE SPARGE WELL LOCATION
- CPT BORING LOCATION (SEPTEMBER 2007)
- MTBE CONCENTRATION >100,000 ug/l
- MTBE CONCENTRATION >10,000 ug/l
- MTBE CONCENTRATION >1,000 ug/l
- MTBE CONCENTRATION >100 ug/l
- MTBE CONCENTRATION >50 ug/l
- MTBE CONCENTRATION >1.0 ug/l



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

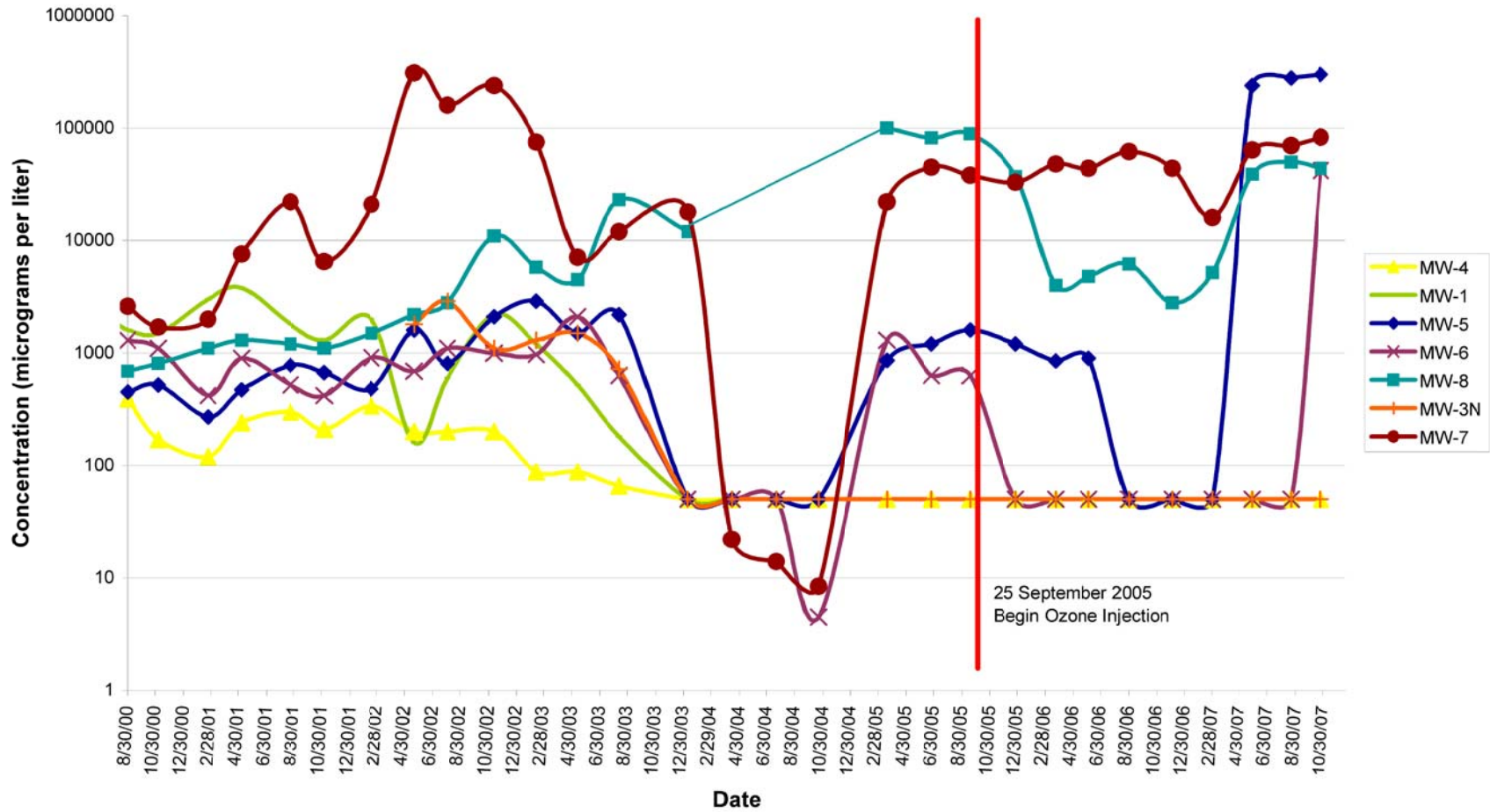
Dissolved TPH-g Concentration In Wells
MW-1, MW-3N, MW-4, MW-5, MW-6, MW-7, and MW-8
 RINEHART OIL, INC. - OAKLAND TRUCK STOP
 1107 5th Street, Oakland, California



TPH-G CONCENTRATIONS VS. TIME
 RINEHART OIL, INC. OAKLAND TRUCK STOP
 1107 5th STREET
 OAKLAND, CALIFORNIA

	Advanced GeoEnvironmental, Inc. <i>of Northern California</i>	
	PROJECT NO. AGE-SR-03-1101	FILE: Oak 7B
	DATE: 25 October 2007	DRAWN BY: MAC
FIGURE:		7

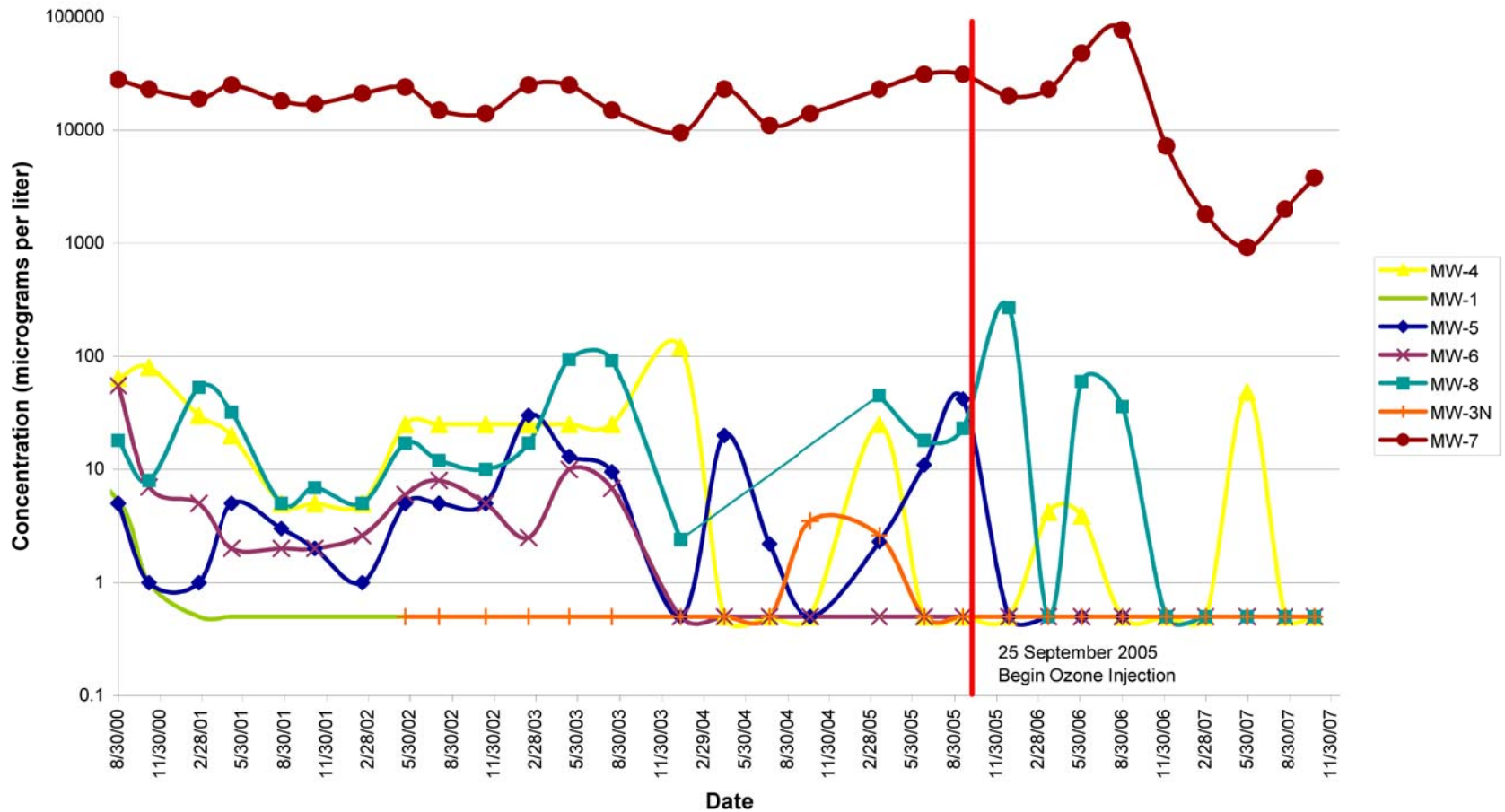
Dissolved TPH-D Concentration In Wells
MW-1, MW-3N, MW-4, MW-5, MW-6, MW-7, and MW-8
 RINEHART OIL, INC. - OAKLAND TRUCK STOP
 1107 5th Street, Oakland, California



TPH-D CONCENTRATIONS VS. TIME
 RINEHART OIL, INC. OAKLAND TRUCK STOP
 1107 5th STREET
 OAKLAND, CALIFORNIA

	Advanced GeoEnvironmental, Inc. <i>of Northern California</i>	
	PROJECT NO. AGE-SR-03-1101 DATE: 25 October 2007	FILE: Oak 8B DRAWN BY: MAC

Dissolved Benzene Concentration In Wells
MW-1, MW-3N, MW-4, MW-5, MW-6, MW-7, and MW-8
 RINEHART OIL, INC. - OAKLAND TRUCK STOP
 1107 5th Street, Oakland, California



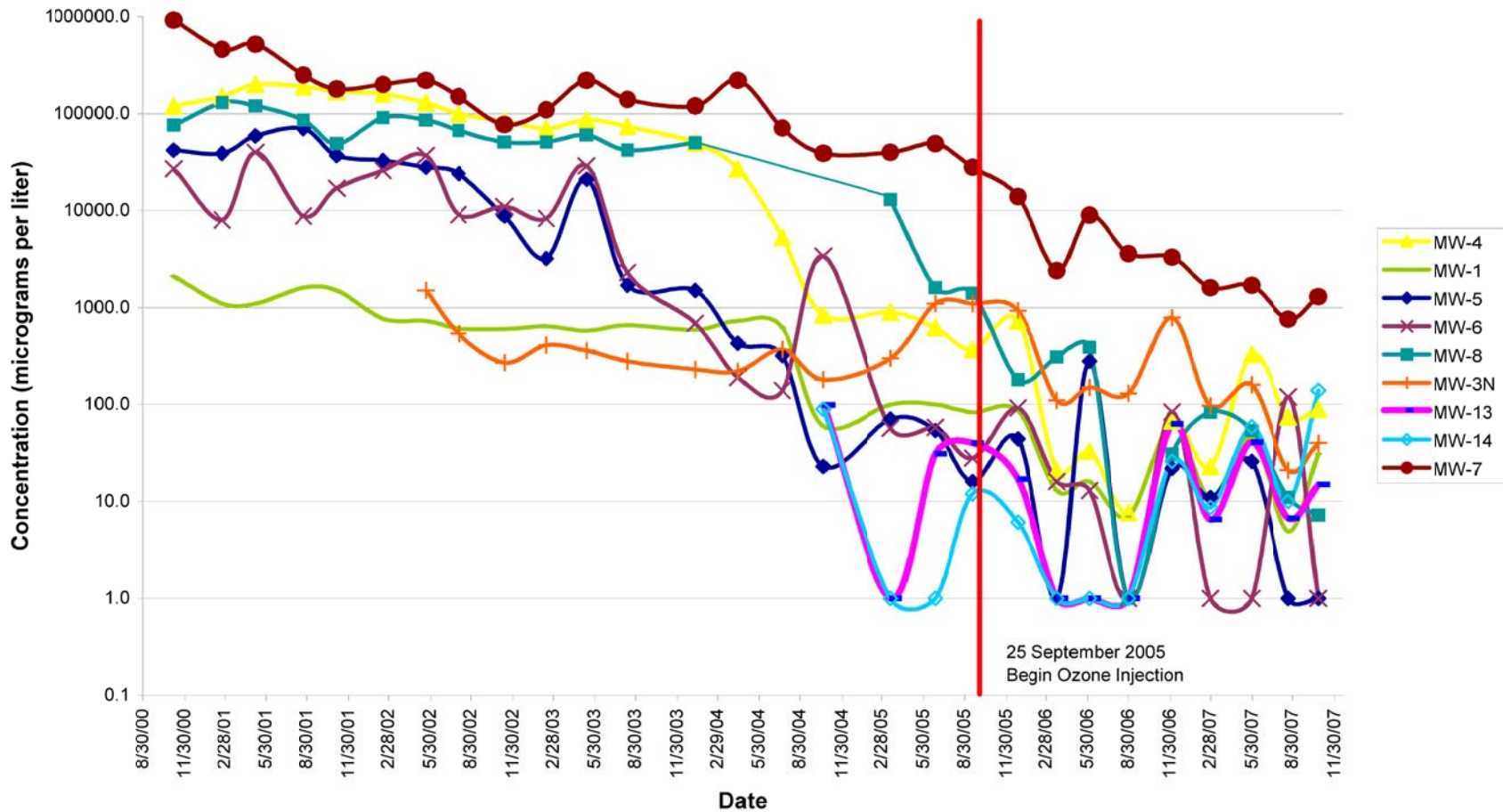
BENZENE CONCENTRATIONS VS. TIME
 RINEHART OIL, INC. OAKLAND TRUCK STOP
 1107 5th STREET
 OAKLAND, CALIFORNIA



Advanced
GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-SR-03-1101	FILE: Oak 9B	FIGURE:
DATE: 25 October 2007	DRAWN BY: MAC	9

Dissolved MTBE Concentration In Wells
MW-1, MW-3N, MW-4, MW-5, MW-6, MW-7, MW-8, MW-13 and MW-14
 RINEHART OIL, INC. - OAKLAND TRUCK STOP
 1107 5th Street, Oakland, California



MTBE CONCENTRATIONS VS. TIME
 RINEHART OIL, INC. 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	

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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>10.02'*</i>	12/04/06	3.98	6.04
	02/28/07	2.90	7.12
	05/29/07	3.84	6.18
	08/20/07	4.21	5.81
	10/25/07	3.75	6.27
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	
<i>11.36*</i>	02/28/07	3.36	8.00
	05/29/07	4.55	6.81
	08/20/07	5.40	5.96
	10/25/07	4.97	6.39
	MW-4 (5'-20' bsg) <i>10.46'</i>	08/30/00	3.74
11/06/00		3.85	6.61
02/22/01		4.66	5.80
05/07/01		2.66	7.80
08/22/01		4.13	6.33
11/04/01		4.53	5.93
02/15/02		3.62	6.84
05/20/02		3.65	6.81

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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-4 (5'-20' bsg) <i>10.46'</i>	08/01/02	4.25	6.21	
	11/11/02	4.85	5.61	
	02/12/03	4.24	6.22	
	05/12/03	4.20	6.26	
	08/12/03	4.47	5.99	
	01/09/04	3.92	6.54	
	04/14/04	4.04	6.42	
	07/21/04	4.55	5.91	
	10/20/04	4.89	5.57	
	03/19/05	3.51	6.95	
	06/25/05	4.58	5.88	
	09/17/05	4.54	5.92	
	12/26/05	4.66	5.80	
	03/23/06	3.80	6.66	
	06/03/06	3.84	6.62	
	08/30/06	4.75	5.71	
	12/04/06	4.91	5.25	
	<i>10.16*</i>	02/28/07	4.18	5.98
	05/29/07	4.28	5.88	
	08/20/07	4.82	5.34	
10/25/07	4.36	5.80		
MW-5 (5'-20' bsg) <i>10.24'</i>	08/30/00	3.01	7.23	
	11/06/00	3.35	6.89	
	02/22/01	3.00	7.24	
	05/07/01	2.73	7.51	
	08/22/01	3.88	6.36	
	11/04/01	3.95	6.29	
	02/15/02	2.84	7.40	
	05/20/02	2.86	7.38	
	08/01/02	3.21	7.03	
	11/11/02	4.04	6.20	
	02/12/03	3.12	7.12	
	05/12/03	3.18	7.06	
	08/12/03	3.75	6.49	
	01/09/04	3.18	7.06	
	04/14/04	3.15	7.09	

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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-5 (5'-20' bsg) <i>10.24'</i>	07/21/04	4.00	6.24
	10/20/04	4.49	5.75
	03/19/05	2.39	7.85
	06/25/05	2.77	7.47
	09/17/05	3.91	6.33
	12/26/05	3.46	6.78
	03/23/06	2.44	7.80
	06/03/06	2.55	7.69
	08/30/06	3.85	6.39
	12/04/06	4.37	5.82
	02/28/07	3.31	6.88
	05/29/07	4.45	5.74
	08/20/07	4.75	5.44
	10/25/07	4.21	5.98
MW-6 (5'-20' bsg) <i>10.62'</i>	08/30/00	3.40	7.22
	11/06/00	3.72	6.90
	02/22/01	3.34	7.28
	05/07/01	3.08	7.54
	08/22/01	3.77	6.85
	11/04/01	4.33	6.29
	02/15/02	3.22	7.40
	05/20/02	3.24	7.38
	08/01/02	3.60	7.02
	11/11/02	4.41	6.21
	02/12/03	3.52	7.10
	05/12/03	3.34	7.28
	08/12/03	3.91	6.71
	01/09/04	3.35	7.27
	04/14/04	3.40	7.22
	07/21/04	4.21	6.41
	10/20/04	4.63	5.99
03/19/05	2.54	8.08	
06/25/05	2.92	7.70	
09/17/05	4.06	6.56	
12/26/05	3.63	6.99	
03/23/06	2.60	8.02	

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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-6 (5'-20' bsg) <i>10.33'*</i>	06/03/06	2.71	7.91
	08/30/06	4.02	6.60
	12/04/06	4.54	5.79
	02/28/07	3.49	6.84
	05/29/07	4.60	5.73
	08/20/07	4.90	5.58
	10/25/07	4.36	5.97
MW-7 (5'-20' bsg) <i>11.69'</i>	08/30/00	6.72	4.97
	11/06/00	6.85	4.84
	02/22/01	6.00	5.69
	05/07/01	6.35	5.34
	08/22/01	6.86	4.84
	11/04/01	6.66	5.03
	02/15/02	6.45	5.24
	05/20/02	6.59	5.10
	08/01/02	6.72	4.97
	11/11/02	6.61	5.08
	02/12/03	5.64	6.05
	05/12/03	5.68	6.01
	08/12/03	6.24	5.45
	01/09/04	5.65	6.04
	04/14/04	6.40	5.29
	07/21/04	6.31	5.38
	10/20/04	6.42	5.27
	03/19/05	5.48	6.21
	06/25/05	6.00	5.69
	09/17/05	6.55	5.14
12/26/05	5.57	6.12	
03/23/06	5.47	6.22	
06/03/06	5.62	6.07	
08/30/06	6.17	5.52	
12/04/06	6.38	5.03	
<i>11.41'*</i>	02/28/07	6.11	5.30
	05/29/07	6.25	5.16
	08/20/07	6.65	4.76
	10/25/07	6.55	4.86

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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 (5'-20' bsg) 10.06'	08/30/00	3.06	7.00
	11/06/00	2.98	7.08
	02/22/01	2.46	7.60
	05/07/01	2.76	7.30
	08/22/01	3.56	6.50
	11/04/01	3.76	6.30
	02/15/02	2.72	7.34
	05/20/02	2.82	7.24
	08/01/02	3.06	7.00
	11/11/02	3.54	6.52
	02/12/03	3.07	6.99
	05/12/03	2.69	7.37
	08/12/03	3.10	6.96
	01/09/04	2.85	7.21
	04/14/04	3.45	6.61
	07/21/04	4.56	5.50
	10/20/04	4.72	5.34
	03/19/05	3.31	6.75
	06/25/05	3.05	7.01
	9.73*	09/17/05	4.22
12/26/05		3.24	6.82
03/23/06		2.67	7.39
06/03/06		2.63	7.43
08/30/06		3.56	6.50
12/04/06*		3.81	5.92
02/28/07		3.06	6.67
MW-9 (5'-20' bsg) 10.03'	05/29/07	3.77	5.96
	08/20/07	4.21	5.52
	10/25/07	3.96	5.77
	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	

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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 (5'-20' bsg) <i>10.03'</i>	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	
	<i>9.73'</i> *	02/28/07	2.61	7.12
	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		

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1107 5th Street, Oakland, California
(feet)

Well I.D. (Screen Interval) <i>Casing Elevation</i>	Date	Depth to Ground Water	Ground Water Elevation
MW-10 (5'-20' bsg) <i>11.07'</i> <i>9.42'*</i>	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
	10/25/07	2.23	7.19
	MW-11 (5'-20' bsg) <i>9.64'</i> <i>10.77'*</i>	05/20/02	0.84
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
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	
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	--

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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 (5'-20' bsg) <i>10.59'*</i>	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
MW-13 (5'-20' bsg) <i>11.29'*</i>	10/20/04	5.67	--
	03/19/05	4.82	--
	06/25/05	5.78	--
	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	
MW-14 (5'-20' bsg) <i>11.39'*</i>	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	--
	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	
10/25/07	6.37	5.02	

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RINEHART OIL, INC. - OAKLAND TRUCK STOP
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(feet)

Well I.D. (Screen Interval) <i>Casing Elevation</i>	Date	Depth to Ground Water	Ground Water Elevation
MW-15	10/05/07	6.14	5.24
(5'-20' bsg) / 11.38*	10/25/07	6.00	5.38
MW-16	10/05/07	5.85	4.51
(5'-20' bsg) / 10.36*	10/25/07	5.51	4.85

Notes:

bsg: below surface grade

-: information not available

*: Casing elevations re-surveyed 02 February 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		8021	8260B													
		TPH-g	TPH-d	MTBE	MTBE	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Methanol	Ethanol	THMs
MW-1	11/04/96	ND	220	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA
	03/05/97	ND	230	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA
	06/12/97	ND	290	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA
	09/09/07	ND	180	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA
	02/13/98	ND	590	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA
	07/07/98	ND	1,400	NA	2.7	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA
	10/01/98	ND	1,100	NA	1.8	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA
	12/30/98	ND	1,700	NA	2.3	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA
	03/21/00	220	3,100	NA	4,800	NA	NA	NA	NA	NA	NA	11	ND	ND	ND	NA	NA	NA
	08/30/00	140	1,600	2,900	NA	NA	NA	NA	NA	NA	NA	5.3	<0.5	<0.5	<0.5	NA	NA	NA
	11/06/00	51	1,500	1,700	2,100	<50	<50	<50	<250	<50	<50	1.0	<0.5	<0.5	<0.5	NA	NA	NA
	02/22/01	140	3,000	100	1,100	<20	<20	<20	<100	<20	<20	<0.5	<0.5	<0.5	<0.5	<4,000	<1,000	NA
	05/07/01	<50	3,800	780	1,100	<20	<20	<20	<100	<20	<20	<0.5	<0.5	<0.5	<0.5	<10,000	<1,000	NA
	08/22/01	<110	1,800	1,900	1,600	<25	<25	<25	<130	<25	<25	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	11/04/01	<50	1,300	1,600	1,500	<50	<50	<50	<250	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	02/15/02	<50	2,000	610	770	<20	<20	<20	<100	<20	<20	<0.5	<0.5	<0.5	<0.5	<10,000	<1,000	NA
	05/20/02	<50	160	570	730	<10	<10	<10	<100	<10	<10	<0.5	<0.5	<0.5	<0.5	<10,000	<1,000	NA
	08/01/02	<50	600	480	610	<10	<10	<10	<100	<10	<10	<0.5	<0.5	<0.5	<0.5	<10,000	<1,000	NA
	11/11/02	<50	2,200	510	600	<10	<10	<10	<100	<10	<10	<0.5	<0.5	<0.5	<0.5	<10,000	<1,000	NA
	02/12/03	<50	1,200	540	640	<10	<10	<10	<100	<10	<10	<0.5	<0.5	<0.5	<0.5	<10,000	<1,000	NA
	05/12/03	<50	520	610	580	<10	<10	<10	<100	<10	<10	<0.5	<0.5	<0.5	<0.5	<10,000	<1,000	NA
	08/11/03	<50	180	740	660	<12	<12	<12	<120	<12	<12	<0.5	<0.5	<0.5	<0.5	<12,000	<1,200	NA
	01/09/04	610	<50	NA	590	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	<0.5	<0.5	4.2	<1,000	<50	NA
	04/14/04	730	<50	NA	730	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	<0.5	<0.5	<0.6	<1,000	<50	NA
	07/21/04	900	<50	NA	620	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	10/20/04	<50	<50	NA	60	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/19/05	100	<50	NA	100	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/25/05	100	<50	NA	100	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	09/17/05	100	<50	NA	83	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/26/05	100	<50	NA	86	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/23/06	<50	<50	NA	13	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/03/06	<50	<50	NA	16	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/30/06	<50	<50	NA	7.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/04/06	<50	<50	NA	63	<1.0	<1.0	<1.0	62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	02/28/07	<50	<50	NA	11	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	05/29/07	<50	<50	NA	45	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	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		8021	8260B													
		TPH-g	TPH-d	MTBE	MTBE	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Methanol	Ethanol	THMs
MW-1	08/20/07	<50	<50	NA	4.9	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	10/25/07	<50	<50	NA	31	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
MW-3N	05/20/02	<50	1,800	1,100	1,500	<25	<25	<25	<250	<25	<25	<0.5	<0.5	<0.5	<0.5	<25,000	<2,500	NA
	08/01/02	<50	2,900	350	540	<10	<10	14	<100	<10	<10	<0.5	<0.5	<0.5	<0.5	<10,000	<1,000	NA
	11/11/02	<50	1,100	280	270	<5.0	<5.0	7.1	<50	<5.0	<5.0	<0.5	<0.5	<0.5	<0.5	<5,000	<500	NA
	02/12/03	<50	1,300	380	410	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<0.5	<0.5	<0.5	<0.5	<5,000	<500	NA
	05/12/03	<50	1,500	330	360	<6.2	<6.2	<6.2	<62	<6.2	<6.2	<0.5	<0.5	<0.5	<0.5	<6,200	<620	NA
	08/11/03	<50	720	250	280	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<0.5	<0.5	<0.5	<0.5	<5,000	<500	NA
	01/09/04	230	<50	NA	230	<1.0	<1.0	2.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1,000	<50	NA
	04/14/04	230	<50	NA	220	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1,000	<50	NA
	07/21/04	400	<50	NA	370	<1.0	<1.0	4.4	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	10/20/04	190	<50	NA	180	<1.0	<1.0	<1.0	<10	<0.5	<0.5	3.5	<0.5	<0.5	5.2	NA	NA	NA
	03/19/05	300	<50	NA	300	<1.0	<1.0	2.4	<10	<0.5	<0.5	2.6	<0.5	<0.5	5.2	NA	NA	NA
	06/25/05	1,200	<50	NA	1,100	<1.0	<1.0	<1.0	330	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	09/17/05	1,900	<50	NA	1,100	<1.0	<1.0	<1.0	770	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	12/26/05	1,500	<50	NA	930	<1.0	<1.0	<1.0	520	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	03/23/06	550	<50	NA	110	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	3.6	13	37.1	NA	NA	NA
	06/03/06	200	<50	NA	150	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	2.6	<0.5	<0.5	NA	NA	NA
	08/30/06	160	<50	NA	130	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	12/04/06	900	<50	NA	790	<1.0	<1.0	19	880	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	02/28/07	<50	<50	NA	97	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
05/29/07	170	<50	NA	160	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
08/20/07	<50	<50	NA	21	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
10/25/07	<50	<50	NA	40	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
MW-4	08/30/00	1,300	390	210,000	NA	NA	NA	NA	NA	NA	NA	64	63	9.7	110	NA	NA	NA
	11/06/00	<3,300	170	130,000	120,000	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	80	<4.0	<5.0	<3.0	NA	NA	NA
	11/06/00†	<3,300	NA	130,000	120,000	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	86	<4.0	<7.0	<6.0	NA	NA	NA
	02/22/01	<3,300	120	120,000	150,000	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	30	<3.0	<3.0	<3.0	<500,000	<130,000	NA
	05/07/01	<4,200	240	150,000	200,000	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	<20	<10.0	<5.0	<5.0	<2,500,000	<250,000	NA
	08/22/01	<5,400	300	160,000	190,000	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	<5.0	<5.0	<5.0	<5.0	NA	NA	NA
	11/04/01	<5,000	210	130,000	170,000	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	<5.0	<5.0	<5.0	<5.0	NA	NA	NA
	02/15/02	<5,000	340	160,000	160,000	<2,500	<2,500	<2,500	<12,500	<2,500	<2,500	<5.0	<5.0	<5.0	<10	<1,250,000	<125,000	NA
	05/20/02	<2,500	200	98,000	130,000	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<25	<25	<25	<25	<2,500,000	<170,000	NA
	08/01/02	<2,500	200	89,000	100,000	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<25	<25	<25	<25	<1,700,000	<170,000	NA
	11/11/02	<3,000	200	99,000	84,000	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<25	<25	<25	<25	<1,700,000	<170,000	NA
	02/12/03	<2,500	88	78,000	70,000	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<25	<25	<25	<25	<1,700,000	<170,000	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		8021	8260B													
		TPH-g	TPH-d	MTBE	MTBE	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Methanol	Ethanol	THMs
MW-4	05/12/03	<2,500	88	88,000	86,000	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<25	<25	<25	<25	<1,700,000	<170,000	NA
	08/11/03	<2,500	66	77,000	74,000	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	<25	<25	<25	<25	<1,700,000	<170,000	NA
	01/09/04	50,000	<50	NA	50,000	<1.0	<1.0	85	<10	<0.5	<0.5	120	<0.5	<0.5	<0.6	<1,000	<50	NA
	04/14/04	27,000	<50	NA	27,000	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<1,000	<50	NA
	07/21/04	27,000	<50	NA	5,300	<1.0	<1.0	3.6	150,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	10/20/04	22,000	<50	NA	840	<1.0	<1.0	<1.0	110,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/19/05	3,500	<0.05	NA	900	<1.0	<1.0	4.6	2,900	<0.5	<0.5	25	<0.5	<0.5	<0.6	NA	NA	NA
	06/25/05	3,000	<0.05	NA	620	<1.0	<1.0	<1.0	54,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	09/17/05	3,200	<0.05	NA	370	<1.0	<1.0	<1.0	180,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/26/05	3,000	<50	NA	730	<1.0	<1.0	<1.0	76,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/23/06	300	<50	NA	21	<1.0	<1.0	<1.0	<10	<0.5	<0.5	4.2	<0.5	2.1	2.5	NA	NA	NA
	06/03/06	110	<50	NA	33	<1.0	<1.0	<1.0	<10	<0.5	<0.5	3.9	2.2	<0.5	<0.6	NA	NA	NA
	08/30/06	<50	<50	NA	7.7	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/04/06	1,100	<50	NA	68	18	<1.0	<1.0	6,300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	02/28/07	320	<50	NA	23	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	05/29/07	800	<50	NA	330	<1.0	<1.0	18	<10	<0.5	<0.5	48	9.4	9.2	15	NA	NA	NA
	08/20/07	400	<50	NA	74	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
10/25/07	340	<50	NA	90	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	1.6	NA	NA	NA	
MW-5	08/30/00	1,000	450	52,000	NA	NA	NA	NA	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	NA	NA	NA
	11/06/00	<1,000	520	44,000	42,000	<1,000	<1,000	<1,000	<5,000	<1,000	<1,000	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
	02/22/01	<1,000	270	30,000	39,000	<500	<500	<500	<2,500	<500	<500	<1.0	<1.0	<1.0	<1.0	<100,000	<25,000	NA
	05/07/01	<1,800	470	48,000	59,000	<1,000	<1,000	<1,000	<5,000	<1,000	<1,000	<5.0	<2.0	<2.0	<2.0	<500,000	<50,000	NA
	08/22/01	<2,200	780	63,000	70,000	<1,000	<1,000	<1,000	<5,000	<1,000	<1,000	<3.0	<3.0	<3.0	<3.0	NA	NA	NA
	11/04/01	<1,700	670	44,000	37,000	<1,000	<1,000	<1,000	<5,000	<1,000	<1,000	<2.0	<2.0	<2.0	<2.0	NA	NA	NA
	02/15/02	<1,100	480	33,000	33,000	<1,250	<1,250	<1,250	<6,250	<1,250	<1,250	<1.0	<1.0	<1.0	<1.0	<625,000	<62,500	NA
	05/20/02	<500	1,600	21,000	28,000	<500	<500	<500	<5,000	<500	<500	<5.0	<5.0	<5.0	<5.0	<500,000	<50,000	NA
	08/01/02	<500	810	10,000	24,000	<500	<500	<500	<5,000	<500	<500	<5.0	<5.0	<5.0	<5.0	<500,000	<50,000	NA
	11/11/02	<500	2,100	3,700	8,800	<200	<200	<200	10,000	<200	<200	<5.0	<5.0	<5.0	<5.0	<200,000	<20,000	NA
	02/12/03	<170	2,900	19,000	3,200	<100	<100	<100	4,100	<100	<100	30	<1.7	<1.7	<1.7	<100,000	<10,000	NA
	05/12/03	<500	1,500	1,500	21,000	<500	<500	<500	5,200	<500	<500	13	<5.0	<5.0	<5.0	<500,000	<50,000	NA
	08/11/03	71	2,200	NA	1,700	<50	<50	<50	14,000	<50	<50	9.5	<0.5	<0.5	<0.5	<50,000	<5,000	NA
	01/09/04	1,500	<50	NA	1,500	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<1,000	<50	NA
	04/14/04	500	<50	NA	430	<1.0	<1.0	<1.0	<10	<0.5	<0.5	20	<0.5	<0.5	<0.6	<1,000	<50	NA
	07/21/04	2,000	<50	NA	320	<1.0	<1.0	<1.0	15,000	<0.5	<0.5	2.2	<0.5	<0.5	<0.6	NA	NA	NA
	10/20/04	1,900	<50	NA	23	<1.0	<1.0	<1.0	11,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
03/19/05	1,000	860	NA	71	<1.0	<1.0	<1.0	500	<0.5	<0.5	2.3	<0.5	5.0	40	NA	NA	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		8021	8260B													
		TPH-g	TPH-d	MTBE	MTBE	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Methanol	Ethanol	THMs
MW-5	06/25/05	1,500	1,200	NA	54	<1.0	<1.0	<1.0	2,700	<0.5	<0.5	11	<0.5	3.6	37	NA	NA	NA
	09/17/05	2,500	1,600	NA	16	<1.0	<1.0	<1.0	12,000	<0.5	<0.5	42	<0.5	<0.5	10	NA	NA	NA
	12/26/05	1,500	1,200	NA	44	<1.0	<1.0	<1.0	2,700	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/23/06	<50	850	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/03/06	400	900	NA	280	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/30/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/04/06	1,200	<50	NA	22	<1.0	<1.0	<1.0	2,200	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	02/28/07	<50	<50	NA	11	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	05/29/07	9,000	240,000	NA	26	<1.0	<1.0	<1.0	17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/20/07	11,000	280,000	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	10/25/07	14,000	300,000	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
MW-6	08/30/00	1,300	1,300	23,000	NA	NA	NA	NA	NA	NA	NA	55	<0.5	16	27	NA	NA	NA
	11/06/00	<630	1,100	26,000	27,000	<630	<630	<630	<3,200	<630	<630	7	8.1	<3.0	5.2	NA	NA	NA
	02/22/01	<200	420	6,500	8,000	<100	<100	<100	<500	<100	<100	<5.0	<5.0	<5.0	<5.0	<20,000	<5,000	NA
	05/07/01	<1,000	900	37,000	40,000	<500	<500	<500	<2,500	<500	<500	<2.0	<2.0	<1.0	<1.0	<250,000	<25,000	NA
	08/22/01	<350	520	8,600	8,800	<200	<200	<200	<1,000	<200	<200	<2.0	<1.0	<0.5	<0.5	NA	NA	NA
	11/04/01	<500	420	12,000	17,000	<250	<250	<250	<1,300	<250	<250	<2.0	<2.0	<0.5	<0.5	NA	NA	NA
	02/15/02	<960	910	23,000	26,000	<1,000	<1,000	<1,000	<5,000	<1,000	<1,000	2.6	4.5	<1.0	4.2	<500,000	<50,000	NA
	05/20/02	<620	690	25,000	37,000	<500	<500	<500	<5,000	<500	<500	<6.2	<6.2	<6.2	<6.2	<500,000	<50,000	NA
	08/01/02	<250	1,100	8,100	9,100	<170	<170	<170	3,800	<170	<170	8.0	<2.5	<2.5	<2.5	<170,000	<17,000	NA
	11/11/02	<500	970	11,000	11,000	<250	<250	<250	8,600	<250	<250	<5.0	<5.0	<5.0	<5.0	<250,000	<25,000	NA
	02/12/03	<250	2,100	7,400	8,300	<120	<120	<120	4,600	<120	<120	<2.5	<2.5	<2.5	<2.5	<100,000	<12,000	NA
	05/12/03	<1,000	630	32,000	29,000	<500	<500	<500	8,700	<500	<500	<10	<10	<10	<10	<500,000	<50,000	NA
	08/11/03	110	<50	2,800	2,300	<100	<100	<100	27,000	<100	<100	6.8	<1.0	<1.0	<1.0	<100,000	<10,000	NA
	01/09/04	700	<50	NA	690	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<1,000	<50	NA
	04/14/04	200	<50	NA	190	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<1,000	<50	NA
	07/21/04	200	4.5	NA	140	<1.0	<1.0	<1.0	15,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	10/20/04	7,700	1,300	NA	3,400	<1.0	<1.0	<1.0	77,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/19/05	1,600	630	NA	57	<1.0	<1.0	<1.0	1,300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/25/05	400	630	NA	58	<1.0	<1.0	<1.0	3,600	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	09/17/05	590	<50	NA	28	<1.0	<1.0	<1.0	5,300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/26/05	400	<50	NA	92	<1.0	<1.0	<1.0	4,500	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
03/23/06	<50	<50	NA	16	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
06/03/06	<50	<50	NA	13	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
08/30/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
12/04/06	4,300	<50	NA	84	19	<1.0	<1.0	30,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	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		8021	8260B													
		TPH-g	TPH-d	MTBE	MTBE	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Methanol	Ethanol	THMs
MW-6	02/28/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	05/29/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/20/07	4,900	<50	NA	120	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	10/25/07	5,000	4,200	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
MW-7	08/30/00	160,000	2,600	800,000	NA	NA	NA	NA	NA	NA	NA	28,000	15,000	1,200	5,900	NA	NA	NA
	11/06/00	80,000	1,700	540,000	920,000	<13,000	<13,000	<13,000	<63,000	<13,000	<13,000	23,000	12,000	1,200	5,000	NA	NA	NA
	02/22/01	80,000	2,000	440,000	460,000	<5,000	<5,000	<5,000	<2,500	<5,000	<5,000	19,000	12,000	1,100	3,200	<1,000,000	<250,000	NA
	02/22/01†	84,000	2,400	400,000	500,000	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	20,000	13,000	1,200	3,400	<1,000,000	<250,000	NA
	05/07/01	100,000	7,600	460,000	520,000	<5,000	<5,000	<5,000	<2,500	<5,000	<5,000	25,000	16,000	1,700	6,600	<2,500,000	<250,000	NA
	05/07/01†	100,000	8,200	530,000	500,000	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	25,000	17,000	1,700	6,700	<2,500,000	<5,000	NA
	08/22/01	110,000	22,000	240,000	250,000	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	18,000	12,000	2,000	9,400	NA	NA	NA
	11/04/01	85,000	6,500	150,000	180,000	<5,000	<5,000	<5,000	<13,000	<5,000	<5,000	17,000	2,700	2,100	9,700	NA	NA	NA
	02/15/02	96,000	21,000	180,000	200,000	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	21,000	7,300	2,600	13,000	<2,500,000	<250,000	NA
	02/15/02†	160,000	29,000	170,000	200,000	<5,000	<5,000	<5,000	<25,000	<5,000	<5,000	30,000	27,000	3,700	19,000	<2,500,000	<250,000	NA
	05/20/02	140,000	310,000	180,000	220,000	<5,000	<5,000	<5,000	<50,000	<5,000	<5,000	24,000	21,000	3,800	20,000	<5,000,000	<500,000	NA
	08/01/02	110,000	160,000	120,000	150,000	<2,500	<2,500	<2,500	<25,000	<2,500	<2,500	15,000	16,000	4,000	21,000	<2,500,000	<250,000	NA
	11/11/02	110,000	240,000	74,000	77,000	<1,200	<1,200	<1,200	<12,000	<1,200	<1,200	14,000	11,000	4,100	19,000	<1,200,000	<120,000	NA
	02/12/03	130,000	75,000	87,000	110,000	<1,700	<1,700	<1,700	<17,000	<1,700	<1,700	25,000	8,900	3,400	17,000	<1,700,000	<170,000	NA
	05/12/03	98,000	7,100	140,000	220,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	25,000	520	2,600	12,000	<5,000,000	<500,000	NA
	08/11/03	90,000	12,000	140,000	140,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	15,000	1,100	2,600	12,000	<5,000,000	<500,000	NA
	01/09/04	130,000	18,000	NA	120,000	<1.0	<1.0	900	<10	<0.5	420	9,500	340	190	3,700	<1,000	<50	NA
	04/14/04	330,000	22	NA	220,000	<1.0	<1.0	660	<10	<0.5	400	23,000	300	1,900	5,600	<1,000	<50	NA
	07/21/04	120,000	14	NA	71,000	<1.0	<1.0	370	<10	<0.5	300	11,000	730	1,000	1,250	NA	NA	NA
	10/20/04	130,000	8.4	NA	39,000	<1.0	<1.0	290	<10	<0.5	180	14,000	420	600	380	NA	NA	NA
	03/19/05	130,000	22,000	NA	40,000	<1.0	<1.0	17	290	<0.5	29	23,000	1,400	2,200	6,800	NA	NA	NA
	06/25/05	1,100,000	45,000	NA	49,000	<1.0	<1.0	93	400	<0.5	75	31,000	31,000	7,500	32,000	NA	NA	NA
	09/17/05	100,000	38,000	NA	28,000	<1.0	<1.0	<1.0	7,400	<0.5	<0.5	31,000	16,000	8,500	31,000	NA	NA	NA
	12/26/05	99,000	33,000	NA	14,000	<1.0	<1.0	<1.0	83,000	<0.5	<0.5	20,000	6,000	1,700	11,900	NA	NA	NA
	03/23/06	160,000	48,000	NA	2,400	<1.0	<1.0	44	14,000	<0.5	330	23,000	22,000	13,000	43,000	NA	NA	NA
	06/03/06	170,000	44,000	NA	9,000	<1.0	<1.0	55	4,800	<0.5	190	48,000	5,200	5,600	23,200	NA	NA	NA
08/30/06	240,000	62,000	NA	3,600	<1.0	<1.0	77	300	<0.5	21	77,000	12,000	30,000	63,000	NA	NA	NA	
12/04/06	110,000	44,000	NA	3,300	20	<1.0	58	28,000	<0.5	86	7,200	490	950	2,800	NA	NA	NA	
02/28/07	32,000	16,000	NA	1,600	<1.0	<1.0	12	<10	<0.5	16	1,800	65	610	1,249	NA	NA	NA	
05/29/07	29,000	64,000	NA	1,700	<1.0	<1.0	15	<10	<0.5	28	920	18	180	272	NA	NA	NA	
08/20/07	33,000	70,000	NA	760	<1.0	<1.0	13	<10	<0.5	45	2,000	22	86	120	NA	NA	NA	
10/25/07	41,000	83,000	NA	1,300	<1.0	<1.0	18	<10	<0.5	65	3,800	53	380	1,521	NA	NA	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		8021	8260B														
		TPH-g	TPH-d	MTBE	MTBE	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Methanol	Ethanol	THMs	
MW-8	08/30/00	<1,000	690	28,000	NA	NA	NA	NA	NA	NA	NA	18	<2.0	<1.0	<1.0	NA	NA	NA	
	11/06/00	<3,300	810	120,000	76,000	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	<8.0	<5.0	<3.0	<7.0	NA	NA	NA	
	02/22/01	<2,500	1,100	99,000	130,000	<2,000	<2,000	<2,000	<10,000	<2,000	<2,000	53	<3.0	<3.0	<3.0	<400,000	<100,000	NA	
	05/07/01	<5,000	1,300	110,000	120,000	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	32	<10	<5.0	<5.0	<1,300,000	<13,000	NA	
	08/22/01	<4,000	1,200	76,000	86,000	<1,700	<1,700	<1,700	<8,500	<1,700	<1,700	<5.0	<5.0	<5.0	16	NA	NA	NA	
	11/04/01	590	1,100	60,000	49,000	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	6.9	<0.5	<0.5	<0.5	NA	NA	NA	
	02/15/02	<3,400	1,500	110,000	91,000	<2,500	<2,500	<2,500	<12,500	<2,500	<2,500	<5.0	<5.0	<5.0	<5.0	<1,250,000	<125,000	NA	
	05/20/02	<1,700	2,200	66,000	86,000	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	<17	<17	<17	<17	<1,000,000	<100,000	NA	
	08/01/02	<1,200	2,800	53,000	67,000	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	<12	<12	<12	<12	<1,000,000	<100,000	NA	
	11/11/02	<2,000	11,000	48,000	51,000	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	<10	18	<10	<10	<1,000,000	<100,000	NA	
	02/12/03	<1,700	5,800	49,000	51,000	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	<17	<17	<17	<17	<1,000,000	<100,000	NA	
	05/12/03	<2,500	4,500	52,000	60,000	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	94	<25	<25	<25	<1,000,000	<100,000	NA	
	08/11/03	<2,500	23,000	42,000	42,000	<1,000	<1,000	<1,000	<10,000	<1,000	<1,000	92	<25	<25	<25	<1,000,000	<100,000	NA	
	01/09/04	51,000	12,000	NA	50,000	<1.0	<1.0	160	<10	<1.0	<1.0	2.4	<0.5	<0.5	2.1	<1,000	<50	NA	
	04/14/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	07/21/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	10/20/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	03/19/05	80,000	100,000	NA	13,000	<1.0	<1.0	<1.0	<10	<0.5	<0.5	45	38	77	530	NA	NA	NA	
	06/25/05	60,000	82,000	NA	1,600	<1.0	<1.0	12	3,700	<0.5	<0.5	18	5.9	3.0	54	NA	NA	NA	
	09/17/05	80,000	89,000	NA	1,400	<1.0	<1.0	17	88,000	<0.5	<0.5	23	2.7	<0.5	25	NA	NA	NA	
12/26/05	24,000	37,000	NA	180	<1.0	<1.0	<1.0	11,000	<0.5	<0.5	270	65	14	127	NA	NA	NA		
03/23/06	1,200	4,000	NA	310	<1.0	<1.0	<1.0	880	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
06/03/06	1,800	4,800	NA	390	<1.0	<1.0	3.0	2,100	<0.5	<0.5	60	9.9	7.3	11.6	NA	NA	NA		
08/30/06	6,000	6,200	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	36	6.1	12	29.5	NA	NA	NA		
12/04/06	400	2,800	NA	31	<1.0	<1.0	<1.0	2,400	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
02/28/07	3,100	5,200	NA	83	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
05/29/07	6,000	39,000	NA	54	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
08/20/07	11,000	50,000	NA	11	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
10/25/07	8,200	44,000	NA	7.2	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
MW-9	08/30/00	<50	770	97	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
	11/06/00	<50	390	190	220	<25	<25	<25	<125	<5.0	<5.0	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
	02/22/01	<50	240	120	160	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<0.5	<0.5	<0.5	<0.5	<400	<100	NA	
	05/07/01	<50	190	120	150	<2.5	<2.5	<2.5	<13	<2.5	<2.5	<0.5	<0.5	<0.5	<0.5	<1,300	<130	NA	
	08/22/01	<50	120	120	120	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	
	11/04/01	<50	160	130	120	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<0.5	<0.5	<0.5	<0.5	NA	NA	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		8021	8260B														
		TPH-g	TPH-d	MTBE	MTBE	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Methanol	Ethanol	THMs	
MW-9	02/15/02	<50	150	92	98	<2.5	<2.5	<2.5	<12.5	<2.5	<2.5	<2.5	<0.5	<0.5	<0.5	<0.5	<1,250	<125	NA
	05/20/02	<50	380	79	85	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<2.5	<0.5	<0.5	<0.5	<0.5	<2,500	<250	NA
	08/01/02	<50	320	74	84	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<0.5	<1,000	<100	NA
	11/11/02	<50	150	76	61	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<2.5	<0.5	<0.5	<0.5	<0.5	<2,500	<250	NA
	02/12/03	<50	350	55	50	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<0.5	<1,000	<100	NA
	05/12/03	<50	380	45	45	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<0.5	<1,000	<100	NA
	08/11/03	<50	88	36	42	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<0.5	<1,000	<100	NA
	01/09/04	200	<50	NA	140	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	4.7	<1,000	<50	NA	
	04/14/04	180	<50	NA	180	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<1,000	<50	NA	
	07/21/04	<50	<50	NA	24	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
	10/20/04	80	<50	NA	78	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
	03/19/05	100	<50	NA	87	<1.0	<1.0	<1.0	<10	<0.5	<0.5	10	<0.5	<0.5	<0.6	NA	NA	NA	
	06/25/05	100	<50	NA	92	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
	09/17/05	100	<50	NA	85	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
	12/26/05	<50	<50	NA	19	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
	03/23/06	<50	<50	NA	19	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
	06/03/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	7.7	<0.5	<0.5	<0.6	NA	NA	NA	
	08/30/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
	12/04/06	<50	<50	NA	34	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
	02/28/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
05/29/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
08/20/07	<50	<50	NA	3.8	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
10/25/07	<50	<50	NA	8.9	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
MW-10	08/01/02	<50	720	<5.0	1.1	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	1.0	<0.5	<0.5	<0.5	<500	<50	NA	
	11/11/02	<50	100	<5.0	0.7	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	0.72	<0.5	<0.5	<0.5	<500	<50	NA	
	02/12/03	<50	71	<5.0	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	0.63	<0.5	<0.5	<0.5	<500	<50	NA	
	05/12/03	<50	96	<5.0	0.59	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	0.56	<0.5	<0.5	<0.5	<500	<50	NA	
	08/11/03	<50	110	<5.0	0.73	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	0.93	<0.5	<0.5	<0.5	<500	<50	NA	
	01/09/04	<50	<50	NA	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<1,000	<50	NA		
	04/14/04	<50	<50	NA	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<1,000	<50	NA		
	07/21/04	<50	<50	NA	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
	10/20/04	<50	<50	NA	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
	03/19/05	<50	<50	NA	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
	06/25/05	<50	<50	NA	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA		
	09/17/05	<50	<50	NA	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	<1.0		
12/26/05	<50	<50	NA	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	<1.0			

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		8021	8260B													
		TPH-g	TPH-d	MTBE	MTBE	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Methanol	Ethanol	THMs
MW-10	03/23/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	8.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/03/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	3.9	<0.5	<0.5	<0.6	NA	NA	NA
	08/30/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/04/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	02/28/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	05/29/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/20/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	10/25/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
MW-11	05/20/02	<50	95	260	310	<5.0	<5.0	<5.0	<50	<5.0	<5.0	1.5	3.0	<0.5	1.4	<5,000	<500	NA
	08/01/02	<50	190	52	65	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<0.5	1.9	0.6	<0.5	<1,000	<100	NA
	11/11/02	<50	140	23	15	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	2.1	1.1	<0.5	<500	<50	NA
	02/12/03	<50	86	<5.0	2.6	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	<500	<50	NA
	05/12/03	<50	62	<5.0	2.3	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<500	<50	NA
	08/11/03	<50	72	<5.0	2.3	<1.0	<1.0	<1.0	<5.0	<0.5	<0.5	<0.5	0.66	<0.5	<0.5	<500	<50	NA
	01/09/04	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1,000	<50	NA
	04/14/04	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1,000	<50	NA
	07/21/04	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	10/20/04	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/19/05	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/25/05	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	09/17/05	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/26/05	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/23/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/03/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/30/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/04/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	02/28/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	05/29/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
08/20/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
10/25/07	110	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
MW-12	10/20/04	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/19/05	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/25/05	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	09/17/05	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/26/05	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/23/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	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		8021	8260B													
		TPH-g	TPH-d	MTBE	MTBE	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Methanol	Ethanol	THMs
MW-12	06/03/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/30/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/04/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	02/28/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	05/29/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/20/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	10/25/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
MW-13	10/20/04	100	<50	NA	99	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/19/05	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/25/05	<50	<50	NA	31	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	09/17/05	<50	<50	NA	40	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/26/05	<50	<50	NA	17	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/23/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/03/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/30/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/04/06	<50	<50	NA	63	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	02/28/07	<50	<50	NA	6.5	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	05/29/07	<50	<50	NA	41	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/20/07	<50	<50	NA	6.7	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	10/25/07	<50	<50	NA	15	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
MW-14	10/20/04	490	<50	NA	90	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/19/05	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/25/05	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	09/17/05	<50	<50	NA	12	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/26/05	<50	<50	NA	6.1	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	03/23/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	06/03/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/30/06	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	12/04/06	<50	<50	NA	36	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	02/28/07	<50	<50	NA	8.7	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	05/29/07	<50	<50	NA	59	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
	08/20/07	<50	<50	NA	10	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
10/25/07	150	<50	NA	140	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA	
MW-15	10/25/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA
MW-16	10/25/07	<50	<50	NA	<1.0	<1.0	<1.0	<1.0	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	NA	NA	NA

TABLE 2
ANALYTICAL RESULTS OF GROUND WATER SAMPLES
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California
($\mu\text{g/l}$)

Notes:

$\mu\text{g/l}$: 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
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
1,2-DCA: 1,2-dichloroethane
THMs: trihalomethanes

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	-136.0	1.57	16.6
	02/15/06	-131.0	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	0.64	7.5
	08/09/07	-77.6	0.95	11.5
09/10/07	-88.0	2.05	24.7	
12/21/07	-68.7	2.48	15.7	
MW-5	10/08/05	39.6	3.68	42.4
	11/21/05	-12.6	1.17	13.0
	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	9.0
	05/22/06	-122.8	2.05	23.6
	06/01/06	-76.0	0.52	6.1
	08/11/06	481	1.48	18.0
	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	0.67	8.0
	08/09/07	-103.3	0.77	9.3
09/10/07	-101.4	1.19	14.6	

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	12/21/07	47.3	2.22	18.2
MW-6	10/08/05	25.4	4.62	53.5
	11/21/05	91.2	1.00	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	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	0.82	10.0
08/09/07	-91.8	1.23	14.9	
09/10/07	-103.3	1.20	14.6	
12/21/07	-70.6	3.79	23.7	
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	-91.0	3.41	35.4
	03/23/06	--	--	--
	04/27/06	-176.4	0.46	5.1
	05/22/06	-127.5	1.30	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	0.41	5.0
08/09/07	--	--	--	

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-7	09/10/07	-68.9	1.91	23.6
	12/21/07	-72.4	2.38	16.2
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	-89.0	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	0.62	7.5
	08/09/07	--	--	--
MW-14	10/08/05	17.5	4.10	48.3
	11/21/05	87.4	1.87	21.4
	12/26/05	-67.8	2.11	23.4
	01/05/06	-6.9	1.38	15.2
	02/15/06	-54.0	4.36	45.8
	03/23/06	-209.0	0.72	7.9
	04/27/06	30.5	1.67	18.4
	05/22/06	-8.7	1.54	17.3
	06/01/06	106.9	0.70	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	--	--	--
	07/19/07	-6.8	0.93	11.0
	08/09/07	74.7	1.0	11.9

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	09/10/07	19.5	1.25	15.3
	12/21/07	-10.8	2.25	15.1

Notes:

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

TABLE 4
OZONE SYSTEM OPERATION & MAINTENANCE
RINEHART OIL, INC. - OAKLAND TRUCK STOP
 1107 5th Street, Oakland, California

Date	"North" Ozone System Unit			"South" 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 1-hr cycles and 1-hr off time.
01-16-06	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. Possible bad compressor.
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	Operational - no maintenance required.
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.

TABLE 4
OZONE SYSTEM OPERATION & MAINTENANCE
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

Date	"North" Ozone System Unit			"South" Ozone System Unit		
	Hours	Flow (cfh)	Maintenance Notes	Hours	Flow (cfh)	Maintenance Notes
12-04-06	NM	NM	System off-line for repairs.	6,565	16	Repaired broken injection line.
12-16-06	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 down 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 re-installed.	11,472	12	Repaired broken injection line.
07/27/07	6,173	12	System reactivated, fully operational. Adjusted sparge cycles from 1/2-hr cycles to 1-hr cycles. Cleared and replaces lines.	11,646	12	Operational -Adjusted sparge cycles from 1/2-hr cycles to 1-hr cycles. Cleared and replaces 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.	15,068	NM	Operational - no maintenance required.

TABLE 4
OZONE SYSTEM OPERATION & MAINTENANCE
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

Notes:

cfh: cubic feet per hour

NM: not measured

APPENDIX A

Appendix A - Historical Background
Rinehart Oil, Inc - Oakland Truck Stop
1107 5th Street, Oakland, California

A.1. BACKGROUND

The site is located at 1107 5th 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 5th 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 ($\mu\text{g/l}$) to 460,000 $\mu\text{g/l}$ in grab ground water samples from borings drilled directly north of the site, along the 5th 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 5th 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

APPENDIX B - GROUND WATER SAMPLE COLLECTION PROCEDURES
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

B.1. 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.

B.1.1. Well Purging

Subsequent to measurement of depth to water and prior to sampling, the well was purged to ensure that 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.

B.1.2. 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.

B.1.3. Sample Handling

The ground water samples for BTEX, TPH-g, Fuel Oxygenate and Lead Scavenger analysis were collected into laboratory-supplied 40-ml volatile organic analysis (VOA) vials. Ground water samples for TPH-d analysis were collected into laboratory supplied 1-liter amber bottles. Following collection the samples were appropriately labeled and placed on ice in a cooler until delivered to the laboratory for analysis. Chain-of-custody protocols were implemented to document sample custody transfer from the field to the analytical laboratory. A chain-of-custody form accompanied the

samples.

B.2. 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: 10-25-07

Field Personnel: MB
KL

Page: 1 of 1

Well I.D.	Time	Casing Elev.	Depth to Free Product	Depth to Water	Ground Water Elev.	Measured Depth	Total Depth	ORP	Dissolved Oxygen		
									mg/l	%	°C
MW-1	1014	10.02'		3.75		17.65	20'				
3N	1025	11.36'		4.97		11.50	12'				
4	1030	10.16'		4.36		13.10	20'				
5	1034	10.19'		4.21		14.25	20'				
6	1029	10.33'		4.36		14.05	20'				
7	1040	11.41'		6.55		19.05	20'				
8	1044	9.73'		3.96		18.45	20'				
9	1009	9.73'		3.21		19.80	20'				
10	0949	9.42'		2.23		10.75	12'				
11	0945	10.77'		5.64		11.60	12'				
12	1005	10.59'		5.50		20.00	20'				
13	0956	11.29'		6.21		19.50	20'				
14	1019	11.39'		6.37		19.35	20'				
15	0953			6.00		18.40	20'				
16	1000			5.51		19.75	20'				

Version 3.5/20040914/CRM

Advanced

GeoEnvironmental, Inc.

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 3.75	Time: 1014	Well I.D.: MW- 1	
Post-Purge DTW: 15.30	Time: 1108		
Total Depth of Well: 17.65	Well Volume: 2.22	Casing Diameter: 0.5" 2" 4" 6"	Gal./Ft.: 0.01074 0.16 0.65 1.47
Sampler(s): MB KL	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW- 1 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/Turbidity	Notes
1100	0	6.99	23.5	2.62 ^{ms}	clear	no odor
1103	2.25	6.65	23.7	3.49 ^{ms}	u	u
1105	4.5	6.65	23.3	4.99 ^{ms}	u	u
1107	6.75	6.65	23.2	5.39 ^{ms}	u	u
* Drew down				to 15.30	at	1108
waiting for				recharge to		sample
* DTW is				5.30	at	sample time

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1300	Dissolved O ₂ :	C
Oakton		%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 4.97	Time: 1025	Well I.D.: MW- 3N	
Post-Purge DTW: 9.62	Time: 1222		
Total Depth of Well: 11.50	Well Volume: 1.04	Casing Diameter: Gal./Ft.: 0.01074	0.5" 2" 4" 6" 0.16 0.65 1.47
Sampler(s): MB KL	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW- 3N /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/ Turbidity	Notes
1215	0	6.43	23.5	1315	clear	no odor
1217	1.25	6.47	23.5	1304	u	no odor / sheen
1219	2.25	6.47	23.6	1297	u	slight odor / sheen
1221	3.25	6.46	23.6	1301	u	u
* Drew down to 9.62 at 1222						
waiting for recharge to sample						
* DTW is 7.72 at sample time						

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1330	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 4.36	Time: 10:30	Well I.D.: MW- 4	
Post-Purge DTW: 10.35	Time: 11:34		
Total Depth of Well: 13.10	Well Volume: 1.39	Casing Diameter: Gal./Ft.: 0.01074	0.5" (2") 4" 6" 0.16 0.65 1.47
Sampler(s): MB KL	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW- 4 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/ Turbidity	Notes
1127	0	6.57	23.9	2.41 ^{ms}	clear	no odor
1129	1.5	6.59	24.1	2.40 ^{ms}	cloudy	slight odor
1131	3	6.56	23.9	2.64 ^{ms}	"	"
1133	4.25	6.58	23.9	2.61 ^{ms}	"	"
<p>↓ Drew down to 10.35 at 1134 waiting for recharge to sample</p>						
<p>↓ DTW is 5.77 at sample time</p>						

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1315	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 4.21	Time: 1034	Well I.D.: MW- 5	
Post-Purge DTW: 4.21	Time: 1201		
Total Depth of Well: 14.25	Well Volume: 1.60	Casing Diameter: 0.5" 2" 4" 6"	Gal./Ft.: 0.01074 0.16 0.65 1.47
Sampler(s): MB KL	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW- 5 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxy 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/Turbidity	Notes
1154	0	6.64	23.2	1973	clear	odor /sHeen
1156	1.75	6.62	23.3	1739	u	u
1158	3.5	6.60	23.3	1469	u	u
1200	5	6.58	23.3	1472	u	u

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1202	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07	
Pre-Purge DTW: 4.36	Time: 1029	Well I.D.: MW- 6		
Post-Purge DTW: 4.36	Time: 1147			
Total Depth of Well: 14.05	Well Volume: 1.55	Casing Diameter:	0.5" 2" 4" 6"	
		Gal./Ft.:	0.01074 0.16 0.65 1.47	
Sampler(s): MB KL		Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW- 6 /102507		Analysis: TPH-g,d/BTEX/5 Fuel Oxy 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/ Turbidity	Notes
1140	0	6.79	23.9	1788	clear	no odor
1142	1.75	6.71	23.7	1223	cloudy	u
1144	3.5	6.65	23.5	900	u	u
1146	4.75	6.62	23.4	861	u	u

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1148	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 3.21	Time: 1009	Well I.D.: MW-9	
Post-Purge DTW: 15.50	Time: 1120		
Total Depth of Well: 19.80	Well Volume: 2.65	Casing Diameter: Gal./Ft.: 0.01074	0.5" 2" 4" 6" 0.16 0.65 1.47
Sampler(s): MB KL	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW-9 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/Turbidity	Notes
1113	0	6.46	23.6	4.07 ^{ms}	clear	no odor
1115	2.75	6.46	23.9	3.99 ^{ms}	u	u
1117	5.5	6.44	23.0	4.38 ^{ms}	u	u
1119	8	6.46	22.6	4.57 ^{ms}	u	u
Drew down to 15.50 at 1120						
waiting for recharge to sample						
DTW is 3.85 at sample time						

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1308	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 6.55	Time: 1040	Well I.D.: MW- 7	
Post-Purge DTW: 6.70	Time: 1344		
Total Depth of Well: 19.05	Well Volume: 2.00	Casing Diameter: 0.5" 2" 4" 6"	Gal./Ft.: 0.01074 0.16 0.65 1.47
Sampler(s): MB <u>KL</u>	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW- 7 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/ Turbidity	Notes
1334	0	6.40	23.8	972	clear	strong odor
1337	2	6.58	23.4	973	u	spotty sheen
1339	4	6.62	22.5	973	u	u
1342	6	6.63	22.5	976	u	u

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1346	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 3.96	Time: 1044	Well I.D.: MW- 8	
Post-Purge DTW: 11.90	Time: 1235		
Total Depth of Well: 18.45	Well Volume: 2.31	Casing Diameter: 0.5" 2" 4" 6"	Gal./Ft.: 0.01074 0.16 0.65 1.47
Sampler(s): MB KL	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW- 8 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/Turbidity	Notes
1228	0	6.51	24.6	1170	clear	odor/sheen
1230	2.5	6.55	24.8	1140	cloudy	"
1232	5	6.56	24.7	1079	"	"
1234	7	6.66	24.6	875	"	"
* Drew down to 11.90 at 1235						
waiting for recharge to sample						
* DTW is 3.96 at sample time						

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1343	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 2.23	Time: 2949	Well I.D.: MW- 10	
Post-Purge DTW: 2.40	Time: 1102		
Total Depth of Well: 10.75	Well Volume: 1.36	Casing Diameter: 0.5" 2" 4" 6"	Gal./Ft.: 0.01074 0.16 0.65 1.47
Sampler(s): MB (KL)	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW- 10 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxy 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/ Turbidity	Notes
1055	0	6.82	19.9	701	clear	
1057	1.5	6.91	19.9	693	cloudy	
1059	3.0	7.04	20.1	697	u	
1101	4.5	7.06	20.0	690	u	

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1103	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 5.64	Time: 0945	Well I.D.: MW- 11	
Post-Purge DTW: 11.12	Time: 1117		
Total Depth of Well: 11.60	Well Volume: .95	Casing Diameter: 0.5" 2" 4" 6"	
		Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): MB (KL)	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW- 11 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/Turbidity	Notes
1110	0	6.69	22.5	1498	clear	
1112	1	6.71	22.5	1525	"	
1115	2	6.72	22.4	1514	cloudy	
	3					
	- Purged well dry, waiting for recharge to sample.					
	- DTW at 7.35 at sample time.					

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1300	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 5.50	Time: 1005	Well I.D.: MW-12	
Post-Purge DTW: 7.13	Time: 1221		
Total Depth of Well: 20.00	Well Volume: 2.32	Casing Diameter: 0.5" 2" 4" 6"	Gal./Ft.: 0.01074 0.16 0.65 1.47
Sampler(s): MB (KL)	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW-12 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/Turbidity	Notes
1207	0	6.58	20.9	1751	clear	
1210	2.5	6.57	20.7	1753	u	
1213	5.0	6.60	20.8	1809	u	
1216	7.0	6.59	20.3	1802	u	

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1222	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 6.21	Time: 0956	Well I.D.: MW-13	
Post-Purge DTW: 14.90	Time: 1158		
Total Depth of Well: 19.50	Well Volume: 2.12	Casing Diameter: Gal./Ft.: 0.01074	0.5" 2" 4" 6" 0.16 0.65 1.47
Sampler(s): MB (KL)	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW-13 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/Turbidity	Notes
1148	0	6.51	20.0	2.49 ^{MS}	clear	
1151	2.5	6.52	19.7	2.85 ^{MS}	n	
1154	4.5	6.48	19.6	2.65 ^{MS}	n	
1157	6.5	6.48	19.3	3.25 ^{MS}	n	
	- Draw down to 14.90, waiting for recharge to sample.					
	- DTW at 8.04 at sample time.					

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1230	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07	
Pre-Purge DTW: 6.37	Time: 1019	Well I.D.: MW-14		
Post-Purge DTW: 7.10	Time: 1323			
Total Depth of Well: 14.35	Well Volume: 2.07	Casing Diameter:	0.5" 2" 4" 6"	
		Gal./Ft.:	0.01074 0.16 0.65 1.47	
Sampler(s): MB <input checked="" type="checkbox"/> KL	Sample Containers: 3 VOAs, 1 Amber			
Sample I.D.: MW-14 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB			

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/Turbidity	Notes
1313	0	6.90	21.8	790	cloudy	
1316	2.5	6.84	21.4	777	u	
1319	4.5	6.75	21.9	774	u	
1321	6.5	6.76	21.9	770	u	

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1324	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 6.00	Time: 0953	Well I.D.: MW- 15	
Post-Purge DTW: 6.94	Time: 1139		
Total Depth of Well: 18.40	Well Volume: 1.98	Casing Diameter: 0.5" 2" 4" 6"	Gal./Ft.: 0.01074 0.16 0.65 1.47
Sampler(s): MB <input checked="" type="checkbox"/> KL	Sample Containers: 3 VOAs, 1 Amber		
Sample I.D.: MW- 15 /102507	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/ Turbidity	Notes
1128	0	6.89	18.6	1009	clear	
1131	2	6.89	18.4	1148	Brown	Silty
1134	4	6.87	18.3	1116	n	n
1137	6	6.88	18.3	1120	n	n

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1140	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10-25-07
Pre-Purge DTW: 5.51	Time: 1000	Well I.D.: MW- 16	
Post-Purge DTW: 7.27	Time: 1253		
Total Depth of Well: 19.75	Well Volume: 2.27	Casing Diameter: 0.5" 2" 4" 6"	
		Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): MB (KL)		Sample Containers: 3 VOAs, 1 Amber	
Sample I.D.: MW- 16 /102507		Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/ Turbidity	Notes
1240	0	6.81	18.3	3.25 ^{ms}	clear	
1243	2.5	6.81	18.3	3.50 ^{ms}	u	
1246	5.0	6.74	18.4	4.25 ^{ms}	u	
1249	7.0	6.75	18.4	4.37 ^{ms}	cloudy	

Purge Method:	DISPOSABLE BAILER		
Sample Method:	SAME AS ABOVE	Well Integrity:	
Sample Time:	1254	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101	Date: 10/5/07	
Pre-Purge DTW: 6.14	Time:	Well I.D.: MW- 15		
Post-Purge DTW: 9.11	Time: 0818			
Total Depth of Well: Pre 18.90 Post 19.00 20'	Well Volume: 221	Casing Diameter:	0.5" 2" 4" 6"	
		Gal./Fl.:	0.01074 0.16 0.65 1.47	
Sampler(s): CT		Sample Containers: N/A		
Sample I.D.: MW- 15 /100507		Analysis: N/A		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/ Turbidity	Notes
0751	0	6.35	20.1	1105	Claystone	no odor
0802	3	6.69	19.5	1114	✓	✓
0802	4	6.80	20.3	925	L	✓
0807	12	6.68	20.1	761	✓	✓
0813	18	6.58	20.0	1053	resilt	✓
0817	23	6.51	20.0	1030	✓	✓

Purge Method:	STEEL BAILER AND INERTIA PUMP		
Sample Method:	N/A	Well Integrity:	
Sample Time:	N/A	Dissolved O ₂ :	C
Oakton		%	mg/L

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Monitoring Well Field Log

Well Data

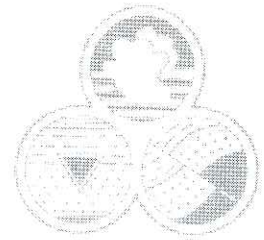
Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: AGE-NC-03-1101		Date: 10/5/07	
Pre-Purge DTW: 5.85 Time:		Well I.D.: MW-16			
Post-Purge DTW: 16.73 Time:					
Total Depth of Well: 19.00 19.80 20'		Well Volume: 2.24		Casing Diameter: 0.5" 2" 4" 6" Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): CT		Sample Containers: N/A			
Sample I.D.: MW-16 /100507		Analysis: N/A			

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/Turbidity	Notes
0831	0	6.50	19.5	302 ^{MS}	Cloudy	no color
0843	3	6.81	20.2	1816	h	h
0845	4	6.78	20.3	1849	h	
0850	12	6.73	20.1	1979	h	h
0853	18	6.72	20.0	1891	no color	h
0857	23	6.71	20.0	1894	h	h
						h

Purge Method:	STEEL BAILER AND INERTIA PUMP		
Sample Method:	N/A	Well Integrity:	
Sample Time:	N/A	Dissolved O ₂ :	C
	Oakton	%	mg/L

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Dissolved Oxygen & ORP Field Log

Project: Oakland Truck Stop

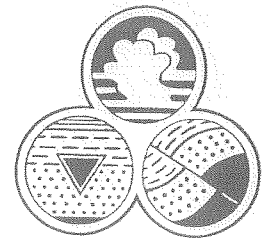
Date: 10/5/07

Field Personnel: LT

Well I.D.	Time	ORP	Dissolved Oxygen				
			mg/L	% O ₂	°C		
Mw 4	0959	-13.4	0.80	9.3	23.9		
Mw 6	0952	-14.1	0.85	10.1	23.9		
Mw 7	0943	-14.2	0.80	9.6	24.3		
Mw 8	0951	-13.6	1.13	13.3	24.4		
Mw 14	0937	-13.2	1.29	13.0	22.5		

Notes: _____

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Dissolved Oxygen & ORP Field Log

Project: Rinehart Truckstop - Oakland

Date: 11-30-07

Field Personnel: CRM

Well I.D.	Time	ORP	Dissolved Oxygen			Injection Well I.D.	Total Hours Run
			mg/L	% O ₂	°C		
MW-1						OZ-1	2114
3N						OZ-2	1089
4	1720	-50.5	1.23	13.6	19.98	OZ-3	1081
5	1717	-52.6	1.32	14.4	19.16	OZ-4	1719
6	1714	-15.8	1.90	20.8	19.74	OZ-5	1696
7	1711	-8.9	1.31	14.7	20.77	OZ-6	951
8	1723	-58.4	1.25	14.1	20.64	OZ-7	846
9						OZ-8	1071
10						OZ-9	849
11						OZ-10	1018
12						OZ-11	1102
13						OZ-12	1236
14	1707	2.5	2.22	24.2	19.55	OZ-13	1847
						OZ-14	1873
						OZ-15	1132
						OZ-16	0889
						OZ-17	1847 915
						OZ-17/18	1236 989
						OZ-18	915
Well 6 Sparging			Well 7 Sparging				
East System Run Hours		14598	West System Run Hours		9126	OZ-19	852
Total O ₃ Run Hours		14598	Total O ₃ Run Hours		9126	OZ-20	1009

Notes:

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: CT214-0710220

Client Name: Advanced Geo Environmental, Inc.
 837 Shaw Road
 Stockton, CA 95215

Phone:(209) 467-1006

Fax: (209) 467-1118

Attention: Mr. Jeremiah Puget

Project ID: Global ID: T0607700

Project Name: Oakland Truck Stop

Date Sampled: 10/25/07 @ 13:00 p.m.

Matrix: Water

Date Received: 10/26/07 @ 08:30 am

Date Analyzed: 10/26/07 – 10/29/07

Laboratory ID:	0710-220-1	0710-220-2	0710-220-3	Method	Units:	Detection Limit
Client Sample ID:	MW1	MW3N	MW4			
Dilution	1	1	1			
TPH - Gasoline	ND	ND	340	EPA 8015M	ug/L	50
TPH - Diesel	ND	ND	ND	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1	1	1			
Methyl-tert-butyl-ether(MtBE)	31	40	90	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	ND	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	ND	ND	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND	ND	ND	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	ND	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	ND	SW846 8260B	ug/L	0.5
m,p-Xylenc	ND	ND	1.6	SW846 8260B	ug/L	0.6
o-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	86	86	90	70-130
1,2 Dichloroethaned4	81	82	84	70-130
Toluene-d8	96	98	85	70-130
Bromofluorobenzene	103	101	97	70-130

CTEL Project No: CT214-0710220
Client Name: Advanced Geo Environmental, Inc.
 837 Shaw Road
 Stockton, CA 95215
Attention: Mr. Jeremiah Puget

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

Project ID: Global ID: T0607700
Project Name: Oakland Truck Stop

Date Sampled: 10/25/07 @ 12:02 p.m.
Date Received: 10/26/07 @ 08:30 am
Date Analyzed 10/26/07 – 10/29/07

Matrix: Water

Laboratory ID:	0710-220-4	0710-220-5	0710-220-6	Method	Units:	Detection Limit
Client Sample ID:	MW5	MW6	MW7			
Dilution	1-5	1	1-20			
TPH - Gasoline	14000	5000	41000	EPA 8015M	ug/L	50
TPH - Diesel	300000	4200	83000	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1	1	1-20			
Methyl-tert-butyl-ether(MtBE)	ND	ND	1300	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	ND<10	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	ND	ND<1	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND<1	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND	ND	18	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	62	SW846 8260B	ug/L	0.5
1,2-Dibromochthane(EDB)	ND	ND	ND<0.5	SW846 8260B	ug/L	0.5
Benzene	ND	ND	3800	SW846 8260B	ug/L	0.5
Toluene	ND	ND	53	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	380	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	ND	1500	SW846 8260B	ug/L	0.6
o-Xylene	ND	ND	21	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

<i>SURROGATE SPIKE</i>	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	84	109	89	70-130
1,2 Dichloroethane-d4	78	106	82	70-130
Toluene-d8	82	76	102	70-130
Bromofluorobenzene	119	98	104	70-130

CTEL Project No: CT214-0710220
Client Name: Advanced Geo Environmental, Inc.
 837 Shaw Road
 Stockton, CA 95215
Attention: Mr. Jeremiah Puget

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

Project ID: Global ID: T0607700
Project Name: Oakland Truck Stop

Date Sampled: 10/25/07 @ 13:43 p.m.
Date Received: 10/26/07 @ 08:30 am
Date Analyzed 10/26/07 - 10/29/07

Matrix: Water

Laboratory ID:	0710-220-7	0710-220-8	0710-220-9	Method	Units:	Detection Limit
Client Sample ID:	MW8	MW9	MW10			
Dilution	1	1	1			
TPH - Gasoline	8200	ND	ND	EPA 8015M	ug/L	50
TPH - Diesel	44000	ND	ND	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1	1	1			
Methyl-tert-butyl-ether(MtBE)	7.2	8.9	ND	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	ND	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	ND	ND	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND	ND	ND	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	ND	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	ND	SW846 8260B	ug/L	0.5
m,p-Xylene	3.6	ND	ND	SW846 8260B	ug/L	0.6
o-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

<i>SURROGATE SPIKE</i>	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	81	86	90	70-130
1,2 Dichloroethaned4	76	76	83	70-130
Toluene-d8	89	96	102	70-130
Bromofluorobenzene	101	104	101	70-130

CTEL Project No: CT214-0710220
Client Name: Advanced Geo Environmental, Inc.
 837 Shaw Road
 Stockton, CA 95215
Attention: Mr. Jeremiah Puget

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

Project ID: Global ID: T0607700
Project Name: Oakland Truck Stop

Date Sampled: 10/25/07 @ 13:00 p.m.
Date Received: 10/26/07 @ 08:30 am
Date Analyzed 10/26/07 – 10/29/07

Matrix: Water

Laboratory ID:	0710-220-10	0710-220-11	0710-220-12	Method	Units:	Detection Limit
Client Sample ID:	MW11	MW12	MW13			
Dilution	1	1	1			
TPH - Gasoline	110	ND	ND	EPA 8015M	ug/L	50
TPH – Diesel	ND	ND	ND	EPA 8015M	ug/l.	50
VOC, 8260B						
Dilution	1	1	1			
Methyl-tert-butyl-ether(MtBE)	ND	ND	15	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	ND	SW846 8260B	ug/l.	10
Diisopropyl Ether (DIPE)	ND	ND	ND	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	SW846 8260B	ug/l.	1
t-Amyl Methyl Ether (TAME)	ND	ND	ND	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	ND	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	ND	SW846 8260B	ug/l.	0.5
m,p-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6
o-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

<i>SURROGATE SPIKE</i>	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	89	88	84	70-130
1,2 Dichloroethane d4	78	81	80	70-130
Toluene-d8	103	97	96	70-130
Bromofluorobenzene	106	102	104	70-130

CTEL Project No: CT214-0710220
Client Name: Advanced Geo Environmental, Inc.
 837 Shaw Road
 Stockton, CA 95215
Attention: Mr. Jeremiah Puget

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

Project ID: Global ID: T0607700
Project Name: Oakland Truck Stop

Date Sampled: 10/25/07 @ 13:23 p.m.
Date Received: 10/26/07 @ 08:30 am
Date Analyzed 10/26/07 - 10/29/07

Matrix: Water

Laboratory ID:	0710-220-13	0710-220-14	0710-220-15	Method	Units:	Detection Limit
Client Sample ID:	MW14	MW15	MW16			
Dilution	1	1	1			
TPH - Gasoline	150	ND	ND	EPA 8015M	ug/L	50
TPH - Diesel	ND	ND	ND	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1	1	1			
Methyl-tert-butyl-ether(MtBE)	140	ND	ND	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	ND	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	ND	ND	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND	ND	ND	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	ND	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	ND	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6
o-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	121	124	122	70-130
1,2 Dichloroethaned4	128	123	120	70-130
Toluene-d8	97	100	97	70-130
Bromofluorobenzene	90	91	93	70-130


 Greg Tejrjian
 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: 10/26/07
 Date Extracted: 10/26/07

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Rec.	Limits RPD	RPD
	MS	MSD		MS	MSD			
TPH - Gasoline	1047	1044	1000	105	104	70-130	20	1
TPH - Diesel	1033	1013	1000	103	101	70-130	20	2

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: 10/26/07
 Date Extracted: 10/26/07

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Rec.	Limits RPD	RPD
	MS	MSD		MS	MSD			
1,1-Dichloroethane	46	47	50	92	94	70-130	20	2
Benzene	53	50	50	106	100	70-130	20	6
Trichloroethene	45	45	50	90	90	70-130	20	0
Toluene	55	52	50	110	104	70-130	20	6
Chlorobenzene	42	43	50	84	86	70-130	20	2
m,p-Xylenes	112	120	100	112	120	70-130	20	8

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

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: 10/29/07
Date Extracted: 10/29/07

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Rec.	Limits RPD	RPD
	MS	MSD		MS	MSD			
TPH - Gasoline	1033	1051	1000	103	105	70-130	20	2
TPH - Diesel	1067	1010	2000	107	101	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

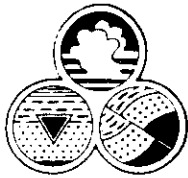
Method: 8260B
 Matrix: Water
 Date Analyzed: 10/29/07
 Date Extracted: 10/29/07

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Rec.	Limits RPD	RPD
	MS	MSD		MS	MSD			
1,1-Dichloroethane	43	45	50	86	90	70-130	20	4
Benzene	44	42	50	88	84	70-130	20	4
Trichloroethene	45	48	50	90	96	70-130	20	6
Toluene	48	50	50	96	100	70-130	20	4
Chlorobenzene	51	52	50	102	104	70-130	20	2
m,p-Xylenes	110	113	100	110	113	70-130	20	3

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.

837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 10/25/07 Page 1 of 3

10-275

Client	Project Manager <u>Jeremiah Kogut</u>	Tests Required
	Phone Number <u>(707) 510-1418</u>	
	Samplers: (Signature) <u>M. B. K.</u>	
Project Name <u>OAKland truck stop</u>	Invoice: AGE <input checked="" type="checkbox"/> Client <input type="checkbox"/>	

Sample Number	Location Description	Date	Time	Sample Type			Solid	No. of Conts.	Notes
				Water		Air			
				Comp.	Grab.				
NW-1/102507		10/25/07	1300		X			4	X X X X
NW-3N/102507			1330					4	
NW-4/102507			1315					4	
NW-5/102507			1202					4	
NW-6/102507			1148					4	
NW-7/102507			1346					4	
NW-8/102507			1343					4	

TPH GLD
 PIG
 H2O
 H2O + GDS

Relinquished by: (Signature) <u>M. B. K.</u>	Received by: (Signature)	Date/Time <u>10/25/07 1630</u>
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)	Date/Time
Dispatched by: (Signature)	Date/Time	Received for Laboratory by: <u>G. R. J.</u>
		Date/Time <u>10/26/07 8:30</u>

START

Method of Shipment: <u>CAL OVERNIGHT</u>	Laboratory Name <u>CAL TECH</u>
Special Instructions: <u>"NEED EDF"</u> <u>(2 free chests)</u>	I hereby authorize the performance of the above indicated work. <u>M. B. K.</u>



Advanced
GeoEnvironmental, Inc.

837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 10/25/07 Page 2 of 3

0226

Client	Project Manager <u>Jeremiah Foyot</u>	Tests Required
	Phone Number <u>(707) 570-1415</u>	
Project Name <u>OAKland Truck Stop</u>	Samplers: (Signature) <u>[Signature]</u>	Invoice: AGE <input checked="" type="checkbox"/> Client <input type="checkbox"/>

Sample Number	Location Description	Date	Time	Sample Type			Solid	No. of Conts.	Notes
				Water		Air			
				Comp.	Grab.				
<u>nw-9/102507</u>		<u>10/25/07</u>	<u>1308</u>		<u>X</u>				<u>UPH SID</u> <u>BTEX SID</u> <u>STEEL CYLS</u> <u>LEADS & U.P.S</u>
<u>nw-10/102507</u>			<u>1103</u>						
<u>nw-11/102507</u>			<u>1300</u>						
<u>nw-12/102507</u>			<u>1222</u>						
<u>nw-13/102507</u>			<u>1230</u>						
<u>nw-14/102507</u>			<u>1324</u>						
<u>nw-15/102507</u>		<u>▽</u>	<u>1145</u>		<u>▽</u>				

Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature) <u>[Signature]</u>	Date/Time <u>10/25/07 1630</u>
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)	Date/Time
Dispatched by: (Signature)	Date/Time	Received for Laboratory by: <u>[Signature]</u>
		Date/Time <u>10/26/07 8:50</u>

Method of Shipment: <u>CAL overnight</u>	Laboratory Name <u>CAL TECH</u>
Special Instructions: <u>"need EDF"</u> <u>(2 Ice chests)</u>	I hereby authorize the performance of the above indicated work. <u>[Signature]</u>



Advanced
GeoEnvironmental, Inc.

837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 10/25/07 Page 3 of 3

Client	Project Manager <u>Jeremiah Lopez</u>	Tests Required
	Phone Number <u>(707) 570-1418</u>	
	Samplers: (Signature) <u>M. BPL</u>	
Project Name <u>OAKland Truck Stop</u>	Invoice: AGE <input checked="" type="checkbox"/> Client <input type="checkbox"/>	

Sample Number	Location Description	Date	Time	Sample Type			Solid	No. of Conts.	Notes														
				Water		Air			<u>10/25/07</u> <u>10/25/07</u> <u>10/25/07</u> <u>10/25/07</u> <u>10/25/07</u> <u>10/25/07</u> <u>10/25/07</u> <u>10/25/07</u> <u>10/25/07</u> <u>10/25/07</u> <u>10/25/07</u> <u>10/25/07</u>														
				Comp.	Grab.																		
<u>MW-16/102507</u>		<u>10/25/07</u>	<u>1254</u>		<u>X</u>		<u>4</u>	<u>X</u>		<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	

Relinquished by: (Signature) <u>M. BPL</u>	Received by: (Signature)	Date/Time <u>10/25/07 1630</u>	
Relinquished by: (Signature)	Received by: (Signature)		Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)		Date/Time
Dispatched by: (Signature)	Date/Time	Received for Laboratory by: <u>G. Reed</u>	Date/Time <u>10/26/07 8130</u>

Method of Shipment: <u>CAL OVERNIGHT</u>	Laboratory Name <u>CHL TEST</u>
Special Instructions: <u>"need EDF"</u> <u>(2 ice chests)</u>	I hereby authorize the performance of the above indicated work. <u>M. BPL</u>