RO234

Advanced GeoEnvironmental, Inc.

10 July 2006
AGE-NC Project No. 03-1101

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

Alameda County
JUL 12 2006
Environmental Health

Subject: **Quarterly Report - Second Quarter 2006**
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

Dear Mr. Wickham:

At the request of Mr. Reed Rinehart of Rinehart Oil, Inc., *Advanced* GeoEnvironmental, Inc. has prepared the enclosed *Quarterly Report - Second Quarter 2006* for the above-referenced site. The scope of work included monitoring the on-site ozone sparge remediation system and performance of the second quarter 2006 ground water monitoring event.

If you have any questions or require further information, please contact our office at (209) 467-1006.

Sincerely,

***Advanced* GeoEnvironmental, Inc.**

Jo'l M. Chapman
Staff Geologist

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

Quarterly Report - Second Quarter 2006
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

10 July 2006
AGE-NC Project No. 03-1101

PREPARED FOR:

Mr. Reed Rinehart
RINEHART OIL, INC.

PREPARED BY:

Advanced GeoEnvironmental, Inc.

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Quarterly Report - Second Quarter 2006
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

10 July 2006
AGE-NC Project No. 03-1101

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

PREPARED BY:

Joel M. Chapman
Staff Geologist

REVIEWED BY:

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Senior Project Geologist
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PROFESSIONAL GEOLOGIST
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STATE OF CALIFORNIA

Quarterly Report - Second Quarter 2006
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

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1107 5th Street, Oakland, California

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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 - Second Quarter 2006* for the site located at 1107 5th Street, Oakland, California. The scope of work included monitoring the in-situ chemical oxidation (ozone sparge) remediation system and performance of the second quarter 2006 ground water monitoring event. The site and surrounding area are illustrated on Figure 1. On-site structures 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*.

The following is a brief summary of site assessment and in-situ chemical oxidation (ozone sparge) remediation activities performed at the site between 23 March 2006 (first quarter 2006 ground water monitoring event) and 03 June 2006 (second quarter 2006 ground water monitoring event):

- 27 April 2006 - In-situ chemical oxidation (Ozone) monitoring performed on wells MW-5 through MW-8 and MW-14.
- 22 May 2006 - Ozone monitoring performed on wells MW-5 through MW-8 and MW-14. Replaced the oil eater sock in well MW-7.
- 01 June 2006 - Ozone monitoring performed on wells MW-5 through MW-8 and MW-14. Repaired an injection line on South ozone unit and replaced the oil eater sock in well MW-7.
- 03 June 2006 - Quarterly ground water monitoring event (second quarter 2006) performed on wells MW-1, MW-3N, and MW-4 through MW-14. Ozone monitoring performed on wells MW-6, MW-6, MW-8, and MW-14.

2.0. PROCEDURES

On 03 June 2006, the second quarter 2006 ground water monitoring event was conducted at the site; the scope of work included the measurement of ground water levels and collection of ground water samples from monitoring wells MW-1, MW-3N, and MW-4 through MW-14.

2.1. WELL MONITORING AND EVACUATION

On 03 June 2006, a Solinst water level meter was used to measure the depth to ground water in the monitoring wells relative to the tops of the well casings (well heads). After water levels were gauged, disposable plastic bailers were used to evacuate (purge) the wells of a minimum of three casing water volumes per well. Between 4 and 8.5 gallons of water were purged from monitoring wells MW-3N, MW-4 through MW-10, and MW-12 through MW-14. Monitoring wells MW-1 and MW-11 drew down before three casing-water volumes could be evacuated.

Temperature, pH, and conductivity were measured for stabilization in the wells without any free-phase petroleum at regular intervals using an Oakton water analyzer. No free petroleum product was observed in wells MW-7 and MW-8 this quarter. Field sheets and data are included in Appendix B. Purged water was stored on-site in properly labeled, Department of Transportation (DOT)-approved 55-gallon drums.

2.2. COLLECTION AND ANALYSIS OF GROUND WATER SAMPLES

Ground water samples were collected from the monitoring wells using dedicated, disposable plastic bailers after allowing the wells to achieve a minimum 80% recovery of the pre-purge water volume. The samples were transferred into three laboratory-supplied, 40-milliliter (ml) Environmental Protection Agency (EPA)-approved volatile organic analysis (VOA) vials containing 0.5 ml 18% hydrochloric acid solution as a sample preservative, and into one 1-liter amber bottle without preservative. The sample containers were labeled with the well designation, date, time, and the sampler's initials and transported in a chilled container under chain of custody to Cal Tech Environmental Laboratories (CTEL), a California Department of Health Services (DHS)-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 additives 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.

3.0. FINDINGS

Ground water elevation, flow direction, and gradient were determined from field data collected on 03 June 2006. The hydrocarbon impact to ground water was quantified by laboratory analysis of ground water samples.

3.1. GROUND WATER FLOW DIRECTION AND GRADIENT

On 03 June 2006, depth to ground water was measured between 1.65 feet (MW-10) and 5.62 feet (MW-7) below the well heads. Ground water elevation at the site ranged from 5.99 feet (MW-11) to 9.42 feet (MW-10) above mean sea level (MSL) and averaged approximately 7.42 feet above MSL, indicating a decrease in elevation of 0.11 feet since the last monitoring event in March 2006.

During the second quarter 2006 monitoring event, the potentiometric surface at the site is shown as a northeast-plunging ridge centered over well MW-10; ground water was inferred to be generally flowing down-ridge toward the northwest and southeast under hydraulic gradients between approximately 0.02 foot/foot (ft/ft) and 0.05 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 03 June 2006.

3.2. ANALYTICAL RESULTS OF GROUND WATER SAMPLES

Ground water samples were collected from on-site monitoring wells MW-1, MW-3N, and MW-4 through MW-14.

TPH-g was detected in ground water samples collected from monitoring wells MW-3N, MW-4, MW-5, MW-7, and MW-8 at concentrations ranging from 110 micrograms per liter (µg/l: MW-4) to 170,000 µg/l (MW-7). TPH-d was detected in the samples from wells MW-5, MW-7, and MW-8 at concentrations of 900 µg/l, 44,000 µg/l, and 4,800 µg/l, respectively. Figures 4 and 5 illustrate the estimated distributions of dissolved TPH-g and TPH-d at the site.

BTEX constituents were detected in wells MW-3N, MW-4, and MW-7 through MW-10 at maximum concentrations in well MW-7 of 48,000 µg/l benzene, 5,200 µg/l toluene, 5,600 µg/l ethylbenzene, and 23,200 µg/l xylenes.

The fuel additives MTBE, TBA, TAME, and 1,2-DCA were detected in selected analyzed samples. MTBE was detected in samples collected from wells MW-1, MW-3N, and MW-4 through MW-8 at concentrations ranging from 13 µg/l (MW-6) to 9,000 µg/l (MW-7). TBA was detected in the

samples collected from wells MW-7 and MW-8 at concentrations of 4,800 µg/l and 2,100 µg/l, respectively. TAME was detected in wells MW-7 and MW-8 at concentrations of 55 µg/l and 3.0 µg/l, respectively, and 1,2-DCA was detected in well MW-7 at a concentration of 190 µg/l. Figure 6 illustrates the estimated distribution of dissolved MTBE at the site.

A summary of historic ground water analytical results is presented in Table 2. The laboratory analytical report (CTEL Project No. CT214-0606046), quality assurance/quality control (QA/QC) reports, and chain of custody forms are included in Appendix C.

3.3. OZONE SPARGING REMEDIATION

In-situ chemical oxidation (ozone injection) operation began at the site on 24 September 2005. The ozone system currently injects ozone for a 1-hour duration into one ozone injection point at a time. A total of ten ozone injection wells have been on-line. The injection rates of the two ozone system units were measured between approximately 12 cubic feet per minute (cfm) and 15 cfm this quarter. Dissolved oxygen concentrations and oxygen reduction potentials are summarized in Table 3.

4.0. SUMMARY AND CONCLUSIONS

- On 03 June 2006, depth to ground water was measured between 1.65 feet and 5.62 feet below the well heads. Ground water elevation at the site ranged from 5.99 feet to 9.42 feet above MSL and averaged approximately 7.42 feet above MSL, indicating a decrease in elevation of 0.11 feet since the last monitoring event in March 2006.
- During the second quarter 2006 monitoring event, the potentiometric surface at the site is shown as a northeast-plunging ridge centered over well MW-10; ground water was inferred to be generally flowing down-ridge toward the northwest and southeast under hydraulic gradients between approximately 0.02 ft/ft and 0.05 ft/ft.
- TPH-g was detected in ground water samples collected from monitoring wells MW-3N, MW-4, MW-5, MW-7, and MW-8 at concentrations ranging from 110 µg/l to 170,000 µg/l. TPH-d was detected in the samples from wells MW-5, MW-7, and MW-8 at concentrations of 900 µg/l, 44,000 µg/l, and 4,800 µg/l, respectively.
- BTEX constituents were detected in wells MW-3N, MW-4, and MW-7 through MW-10 at maximum concentrations in well MW-7 of 48,000 µg/l benzene, 5,200 µg/l toluene, 5,600 µg/l ethylbenzene, and 23,200 µg/l xylenes.
- MTBE was detected in samples collected from wells MW-1, MW-3N, and MW-4 through MW-8 at concentrations ranging from 13 µg/l to 9,000 µg/l. TBA was detected in the

samples collected from wells MW-7 and MW-8 at concentrations of 4,800 µg/l and 2,100 µg/l, respectively. TAME was detected in wells MW-7 and MW-8 at concentrations of 55 µg/l and 3.0 µg/l, respectively, and 1,2-DCA was detected in well MW-7 at a concentration of 190 µg/l.

- Concentrations of petroleum hydrocarbon contaminants generally did not increase or decreased significantly in the ground water monitoring wells during the second quarter 2006. Graphs illustrating trends in contaminant concentrations and ground water elevations are included in Appendix D.
- Ozone injection operation began at the site on 24 September 2005. The ozone system currently injects ozone for a 1-hour duration into one ozone injection point at a time. A total of ten ozone injection wells have been on-line. The injection rates of the two ozone system units were measured between approximately 12 cfm and 15 cfm this quarter.

5.0. RECOMMENDATIONS

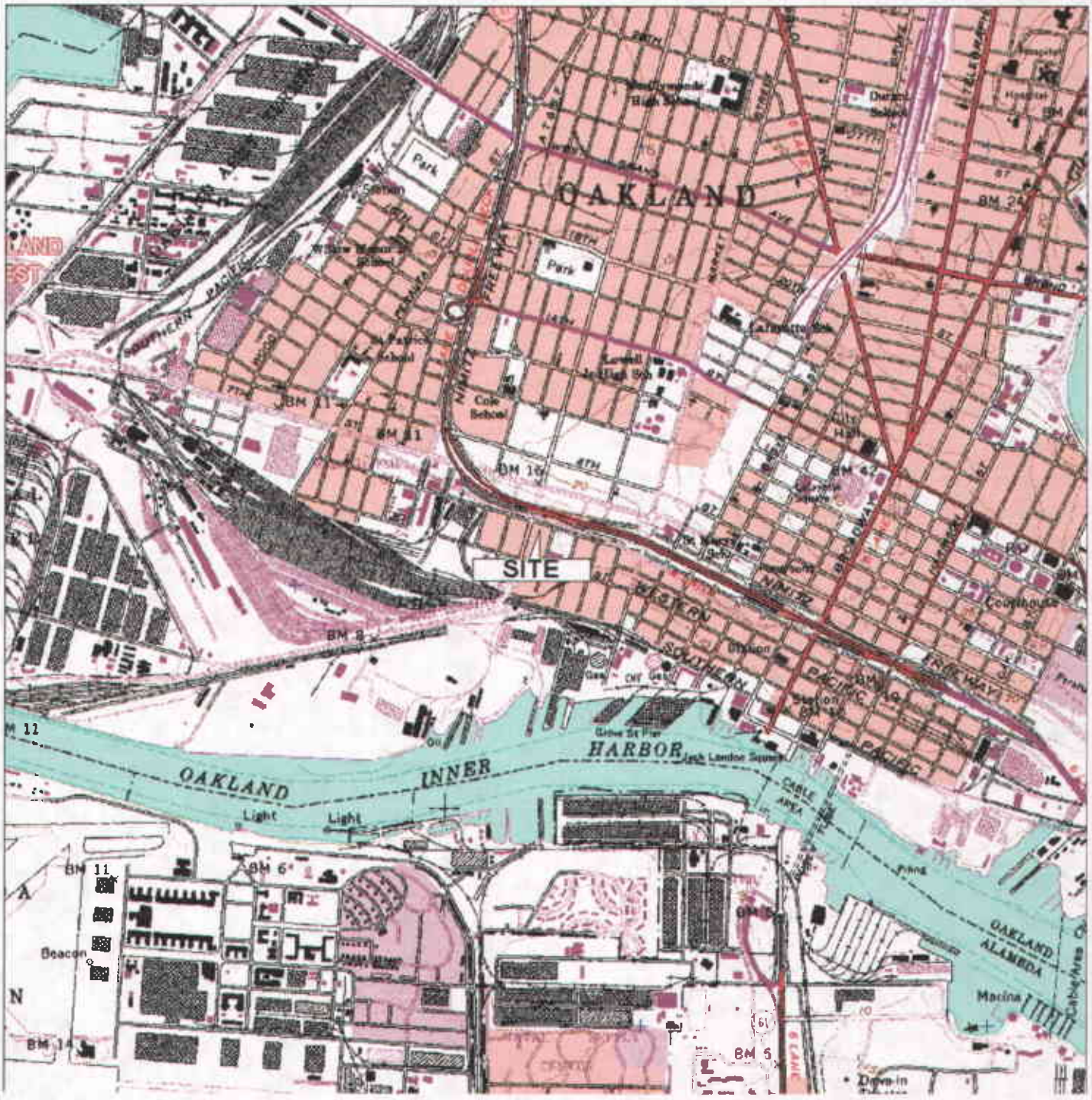
Based upon data reviewed and collected at the site, AGE recommends:

- Continued quarterly ground water monitoring; the third quarter 2006 ground water monitoring event is scheduled for September 2006.
- Five on-site soil probe borings were advanced at the site on 05, 06, and 07 July 2006; two additional borings are scheduled to be advanced at the site in mid-July 2006.
- AGE is acquiring all necessary permits for the installation of two additional ground water monitoring wells; field work as detailed in the AGE-prepared *Additional Site Assessment Work Plan*, dated 29 September 2005, will begin as soon as all permits are obtained.
- 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

Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-03-1101 | FILE: oaklandtruck | FIGURE: 2
DATE: 10 JULY 2006 | DRAWN BY: MAC

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

03 JUNE 2006

GROUND WATER ELEVATION
RINEHART – OAKLAND TRUCK STOP
1107 5TH STREET
OAKLAND, CALIFORNIA

Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-03-1101 | FILE: Oakland5Street | FIGURE: 3
DATE: 10 JULY 2006 | DRAWN BY: MAC

City of Oakland Right-of-Way

5th Street

Adeline Street

Chestnut Street

MW-12

MW-13

MW-7
6.07

MW-8
7.43

MW-4
6.62

MW-9
7.40

MW-1
7.43

MW-5
7.69

MW-6
7.91

MW-14

MW-3N
8.22

MW-10
9.42

MW-11
5.99

Scale
Scale House

PUMP ISLAND

Former USTs

Main Building

Oliver's Hoffbrau

0.02 ft/ft

0.05 ft/ft

9.00

8.00

7.00

6.00

LEGEND

- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
- EXISTING STRUCTURE
- MW-1 7.43 — GROUND WATER MONITORING WELL LOCATION & DESIGNATION; GROUND WATER ELEVATION (feet MSL)
- BORING LOCATION (JULY 2002)
- SOIL BORING/HYDROPUNCH BORING LOCATION (JULY 2006)
- OZONE SPARGE WELL LOCATION
- SEWER LINE
- 0.05 ft/ft — GROUND WATER GRADIENT & FLOW DIRECTION
- ROSE DIAGRAM ILLUSTRATING FREQUENCY OF GROUND WATER FLOW DIRECTION: 01-09-04 TO PRESENT

N

SCALE
0 35 70
FEET

03 JUNE 2006

City of Oakland Right-of-Way

5th Street

Adeline Street

Chestnut Street

MW-12 <50

MW-7 170,000

MW-13 <50

MW-8 1,800

MW-4 110

MW-5 400

MW-6 <50

MW-3N 200

MW-9 <50

MW-1 <50

MW-10 <50

MW-11 <50

MW-14 <50

OZ20 OZ19 OZ18 OZ17 OZ16 OZ15 OZ14 OZ13 OZ12 OZ11 OZ10 OZ9 OZ8 OZ7 OZ6 OZ5 OZ4 OZ3 OZ2 OZ1

Scale

Scale House

PUMP ISLAND

Former USTs

PUMP ISLAND Diesel

PUMP ISLAND Diesel and Gasoline

Main Building

Oliver's Hoffbrau

Property Line

LEGEND

- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
- EXISTING STRUCTURE
- MW-1 <50 — GROUND WATER MONITORING WELL LOCATION & DESIGNATION TPH-G CONCENTRATION (micrograms per liter: ug/l)
- ? QUERIED WHERE UNCERTAIN
- BORING LOCATION (JULY 2002)
- SOIL BORING/HYDROPUNCH BORING LOCATION (JULY 2006)
- OZONE SPARGE WELL LOCATION
- SEWER LINE

- 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

N

SCALE 0 35 70 FEET

Advanced GeoEnvironmental, Inc.

PROJECT NO. AGE-NC-05-1101 | FILE: | FIGURE: 4

DATE: 10 JULY 2006 | DRAWN BY: MAC

DISSOLVED TPH-G

RINEHART - OAKLAND TRUCK STOP

1107 5TH STREET

OAKLAND, CALIFORNIA

03 JUNE 2006

City of Oakland Right-of-Way

5th Street

Adeline Street

Chestnut Street

Property Line

MW-12 <50

MW-13 <50

MW-7 44,000

MW-8 4,800

MW-4 <50

MW-5 900

MW-6 <50

MW-9 <50

MW-1 <50

MW-3N <50

MW-10 <50

MW-11 <50

MW-14 <50

OZ1 OZ2 OZ3 OZ4 OZ5 OZ6 OZ7 OZ8 OZ9 OZ10 OZ11 OZ12 OZ13 OZ14 OZ15 OZ16 OZ17 OZ18 OZ19 OZ20

Scale

Scale House

Former USTs

PUMP ISLAND

PUMP ISLAND Diesel

PUMP ISLAND Diesel and Gasoline

Main Building

Oliver's Hoffbrau

LEGEND

- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
- EXISTING STRUCTURE
- MW-1 <50 — GROUND WATER MONITORING WELL LOCATION & DESIGNATION TPH-D CONCENTRATION (micrograms per liter: ug/l)
- ? QUERIED WHERE UNCERTAIN
- SOIL BORING/HYDROPUNCH BORING LOCATION (JULY 2006)
- BORING LOCATION (JULY 2002)
- OZONE SPARGE WELL LOCATION
- SEWER LINE

- TPH-d CONCENTRATION >10,000 ug/l
- TPH-d CONCENTRATION >1,000 ug/l
- TPH-d CONCENTRATION >100 ug/l
- TPH-d CONCENTRATION >50 ug/l

N

SCALE 0 35 70 FEET

DISSOLVED TPH-D

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

Advanced GeoEnvironmental, Inc.

PROJECT NO. AGE-NC-03-1101 | FILE: [illegible] | FIGURE: 5

DATE: 10 JULY 2006 | DRAWN BY: MAC

03 JUNE 2006

City of Oakland Right-of-Way

5th Street

Adeline Street

Chestnut Street

Property Line

Scale

Scale House

Former USTs

Main Building

Oliver's Hofbrau

PUMP ISLAND

PUMP ISLAND Diesel

PUMP ISLAND Diesel and Gasoline

MW-1 16

MW-3N 150

MW-4 33

MW-5 280

MW-6 13

MW-7 9,000

MW-8 390

MW-9 <1.0

MW-10 <1.0

MW-11 <1.0

MW-12 <1.0

MW-13 <1.0

MW-14 <1.0

OZ1 OZ2 OZ3 OZ4 OZ5 OZ6 OZ7 OZ8 OZ9 OZ10 OZ11 OZ12 OZ13 OZ14 OZ15 OZ16 OZ17 OZ18 OZ19 OZ20

LEGEND

LEGEND

- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
- EXISTING STRUCTURE
- MW-1 13 GROUND WATER MONITORING WELL LOCATION & DESIGNATION MTBE CONCENTRATION (micrograms per liter: ug/l)
- ? QUERIED WHERE UNCERTAIN
- BORING LOCATION (JULY 2002)
- SOIL BORING/HYDROPUNCH BORING LOCATION (JULY 2006)
- OZONE SPARGE WELL LOCATION
- SEWER LINE

- MTBE CONCENTRATION >1,000 ug/l
- MTBE CONCENTRATION >100 ug/l
- MTBE CONCENTRATION >1.0 ug/l

N

SCALE 0 35 70 FEET

Advanced GeoEnvironmental, Inc.
at Northern California

PROJECT NO. AGE-NC-03-1101 | FILE: oakland070606 | FIGURE: 6

DATE: 10 JULY 2006 | DRAWN BY: MAC

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

TABLES

TABLE 1

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

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-1 *10.34'* (10'-20' bsg)	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	3.29	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
	03/23/06	4.09	6.25
	06/03/06	2.91	7.43

TABLE 1

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

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-3N *11.67'* (5'-12' bsg)	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	3.83	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
MW-4 *10.46'* (5'-20' bsg)	08/30/00	3.74	6.72
	11/06/00	3.85	6.61
	02/22/01	4.66	5.80
	05/07/01	2.66	7.80
	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
	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

TABLE 1

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

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-5 *10.24'* (5'-20' bsg)	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
	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

TABLE 1

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

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-6 *10.62'* (5'-20' bsg)	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
	06/03/06	2.71	7.91

TABLE 1

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

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-7 *11.69'* (5'-20' bsg)	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	4.83
	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

TABLE 1

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

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-8 *10.06'* (5'-20' bsg)	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
	09/17/05	4.22	5.84
	12/26/05	3.24	6.82
	03/23/06	2.67	7.39
	06/03/06	2.63	7.43

TABLE 1

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

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-9 *10.03'* (5'-20' bsg)	08/30/00	2.81	7.22
	11/06/00	2.68	7.35
	02/22/01	2.20	7.83
	05/07/01	2.75	7.28
	08/22/01	3.80	6.23
	11/04/01	3.61	6.42
	02/15/02	2.92	7.11
	05/20/02	2.38	7.65
	08/01/02	2.72	7.31
	11/11/02	2.87	7.16
	02/12/03	2.43	7.60
	05/12/03	2.41	7.62
	08/12/03	2.61	7.42
	01/09/04	2.87	7.16
	04/14/04	3.65	6.38
	07/21/04	3.70	6.33
	10/20/04	4.20	5.83
	03/19/05	3.75	6.28
	06/25/05	3.85	6.18
	09/17/05	3.38	6.65
	12/26/05	2.01	8.02
	03/23/06	2.50	7.53
	06/03/06	2.63	7.40
MW-10 *11.07'* (5'-12' bsg)	05/20/02	4.54	6.53
	06/18/02	4.25	6.82
	08/01/02	1.80	9.27
	11/11/02	1.50	9.57
	02/12/03	1.07	10.00
	05/12/03	1.01	10.06
	08/12/03	1.44	9.63
	01/09/04	0.90	10.17
	04/14/04	2.05	9.02
	07/21/04	2.78	8.29
	10/20/04	1.05	10.02
	03/19/05	0.75	10.32
	06/25/05	1.91	9.16
	09/17/05	2.90	8.17
	12/26/05	0.32	10.75
	03/23/06	0.76	10.31
	06/03/06	1.65	9.42

TABLE 1

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

Well I.D. *Casing Elevation* (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
MW-11 *9.64'* (5'-12' bsg)	05/20/02	0.84	8.80
	06/18/02	1.71	7.93
	08/01/02	4.88	4.76
	11/11/02	5.18	4.46
	02/12/03	3.85	5.79
	05/12/03	4.00	5.64
	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
MW-12 - (5'-20' bsg)	10/20/04	5.41	-
	03/19/05	5.74	-
	06/25/05	5.23	-
	09/17/05	5.74	-
	12/26/05	4.37	-
	03/23/06	4.36	-
	06/03/06	5.12	-
MW-13 - (5'-20' bsg)	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	-
MW-14 - (5'-20' bsg)	10/20/04	6.36	-
	03/19/05	5.20	-
	06/25/05	5.56	-
	09/17/05	6.09	-
	12/26/05	5.50	-
	03/23/06	5.06	-
	06/03/06	5.39	-

TABLE 1

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

Notes:
bsg: below surface grade
-: information not available

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
	09/09/97	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**	**1,00**	**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

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-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	<1,00	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	<0.6	<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	<0.6	<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	<0.6	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	<0.6	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	<0.6	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	<0.6	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	<0.6	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
	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

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	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**	**21,000**	**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**	**10,000**	**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**	**3,700**	**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**	**19,000**	**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**	**1,500**	**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
	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

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	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	**1,000**	**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	**970**	**7,400**	**8,300**	<120	<120	<120	**4,600**	<120	<120	<2.5	<2.5	<2.5	<2.5	<120,000	<12,000	NA
	05/12/03	<1,000	**2,100**	**32,000**	**29,000**	<500	<500	<500	**8,700**	<500	<500	<10	<10	<10	<10	<500,000	<50,000	NA
	08/11/03	**110**	**630**	**2,800**	**2,300**	<100	<100	<100	**27,000**	<100	<100	**6.8**	<1	<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**	<50	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**	**4.5**	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**	**1,300**	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**	**630**	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

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-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**	<2,500	<2,500	<2,500	<13,000	<2,500	<2,500	**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	<500,00	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

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**	<1.0	<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	<5,00	**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	<0.5	<0.5	**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	NA
	07/21/04	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	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

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	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
	02/15/02	<50	**150**	**92**	**98**	<2.5	<2.5	<2.5	<12.5	<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	<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	<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	<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	<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	<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	<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
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	<.05	<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	<5.0	<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	<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	<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	<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	<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	<1.0
	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	<1.0
	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

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-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**	<0.5	<0.5	<0.5	<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	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	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
	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
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
	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
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
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

TABLE 2

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

Notes:

µg/l:	micrograms per liter
†:	duplicate sample
NA:	not analyzed
NS:	not sampled
TPH-g:	total petroleum hydrocarbons quantified as gasoline
TPH-d	total petroleum hydrocarbons quantified as diesel
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	-	-	-
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	1.77	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
MW-6	10-08-05	25.4	4.63	53.5
	11-21-05	91.2	1.00	11.1
	12-26-05	-148.5	1.38	14.4
	01-05-06	-106.4	2.29	24.5
	02-15-06	-46.0	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
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			

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-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
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

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

Site Background Information
Rinehart Oil, Inc - Oakland Truck Stop
1107 5th Street, Oakland, California

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.

REGIONAL GEOLOGIC/HYDROGEOLOGIC SETTING

The site is situated within the Coast Range Geomorphic Province of California. This geopmorphic 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.

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.

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 (µg/l) to 460,000 µg/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.

To date, the vertical extent of petroleum hydrocarbon contamination is undefined at the site. The lateral extent of contamination is defined to the north by monitoring well MW-12, to the east by monitoring well MW-14, and to the south by monitoring well MW-10.

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Ground Water Depth/Dissolved Oxygen/ORP Field Log

Project: RINEHART - OAKLAND TRUCK STOP Date: 6-3-06

Field Personnel: KL, MB Page: 1 of ____

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	1054	10.34'		2.91	7.43	17.70	20'				
3N	1120	11.67'		3.45	8.22	11.65	12'				
4	1108	10.46'		3.84	6.62	19.95	20'				
5	1111	10.24'		2.55	7.69	14.20	20'				
6	1114	10.62'		2.71	7.91	14.20	20'				
7	1123	11.69'		5.62	6.07	19.00	20'				
8	1105	10.06'		2.63	7.43	18.55	20'				
9	1100	10.03'		2.63	7.40	20.00	20'				
10	1028	11.07'		1.65	9.42	11.15	12'				
11	1032	9.64'		3.65	5.99	11.60	12'				
12	1048	—		5.12	—	20.20	20'				
13	1046	—		5.60	—	19.70	20'				
14	1117	—		5.39	—	19.85	20'				

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP	Project No.: *AGE-NC*-03-1101	Date:6/3/06
Pre-Purge DTW: 2.91 Time: 1054 Post-Purge DTW: 17.70 Time: 1144	Well I.D.: MW-1	
Total Depth of Well: 17.70 Well Volume: 2.36	Casing Diameter: 0.5" (2") 4" 6" Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): KL/MB	Sample Containers: 3 VOAs, 1 Amber	
Sample I.D.: MW-1 /06-03-06	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1131	0	6.69	23.0	2.80ms	clear	slight odor
1135	2.5	6.73	20.3	3.37ms	"	"
1140	5.5	6.72	19.6	4.51ms	cloudy	odor
	7.25					
		*Well	went	dry	at 1144,	DTW is 17.70
		waiting	for	recharge		to sample
		* DTW is	3.62	at	time of	sample - 1407

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1407	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: 6/3/06
Pre-Purge DTW: 3.45 Time: 1120 Post-Purge DTW: 10.60 Time: 1318	Well I.D.: MW-3N	
Total Depth of Well: 11.65 Well Volume: 1.31	Casing Diameter: 0.5" 2" 4" 6" Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): KL/MB	Sample Containers: 3 VOAs, 1 Amber	
Sample I.D.: MW-3N /06-03-06	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1311	0	6.68	22.0	727	clear	Fuel odor
1313	1.5	6.74	20.9	724	cloudy	"
1315	3.0	6.72	20.3	723	"	"
1317	4.0	6.68	20.1	730	"	"
	-Waiting	for	recharge	to	sample.	
	-DTW at	6.20	at	sample	time.	

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1435	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: 6/3/06
Pre-Purge DTW: 3.64	Time: 1108	Well I.D.: MW-4	
Post-Purge DTW: 16.05	Time: 1335		
Total Depth of Well: 19.95	Well Volume: 2.57	Casing Diameter: 0.5" (2") 4" 6"	
		Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): KL/MB		Sample Containers: 3 VOAs, 1 Amber	
Sample I.D.: MW-4 /06-03-06		Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1327	0	6.42	22.8	1101	clear	odor
1330	2.75	6.49	21.3	1099	"	"
1332	5	6.42	20.3	1312	"	"
1334	7.75	6.37	19.5	3.17ms	"	"
		*Drew down to 16.05 at 1335				
		waiting for recharge to sample				
		*DTW is 8.45 At time of sample 1436				

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1436	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: 6/3/06
Pre-Purge DTW: 2.55	Time: 1111	Well I.D.: MW-5	
Post-Purge DTW: 2.57	Time: 1253		
Total Depth of Well: 14.20	Well Volume: 1.86	Casing Diameter: 0.5" (2") 4" 6"	
		Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): KL/MB		Sample Containers: 3 VOAs, 1 Amber	
Sample I.D.: MW-5 /06-03-06		Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1246	0	6.36	25.1	798	clear	slight odor
1248	2	6.50	22.5	844	clear	odor / sheen
1250	4	6.56	22.1	835	"	"
1252	5.75	6.56	22.0	828	"	"

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1255	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: 6/3/06
Pre-Purge DTW: 2.71 Time: 1114 Post-Purge DTW: 2.71 Time: 1316	Well I.D.: MW-10
Total Depth of Well: 14.20 Well Volume: 1.83	Casing Diameter: 0.5" (2") 4" 6" Gal./Ft.: 0.01074 0.16 0.65 1.47
Sampler(s): KL/MB	Sample Containers: 3 VOAs, 1 Amber
Sample I.D.: MW-10 /06-03-06	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1304	0	6.64	23.4	793	clear	odor
1311	2	6.63	23.4	757	"	"
1313	4	6.60	23.6	744	"	"
1315	5.75	6.61	23.5	749	"	"

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1318	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: 6/3/06
Pre-Purge DTW: 5.62 Time: 1123 Post-Purge DTW: 6.89 Time: 1339	Well I.D.: MW-7	
Total Depth of Well: 19.00 Well Volume: 2.14	Casing Diameter: 0.5" (0.01074) **2" (0.16)** 4" (0.65) 6" (1.47) Gal./Ft.	
Sampler(s): KL MB	Sample Containers: 3 VOAs, 1 Amber	
Sample I.D.: MW-7 /06-03-06	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1328	0	6.71	23.4	653	clear	odor / sheen
1330	2.5	6.69	21.3	703	Gray/cloudy	"
1332	4.5	6.71	20.2	716	"	"
1336	6.5	6.74	20.4	742	"	"

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1340	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: 6/3/06
Pre-Purge DTW: 2.63	Time: 1105	Well I.D.: MW-8	
Post-Purge DTW: 9.10	Time: 1228		
Total Depth of Well: 18.55	Well Volume: 2.54	Casing Diameter: 0.5" (2") 4" 6"	
		Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): KL/(MB)		Sample Containers: 3 VOAs, 1 Amber	
Sample I.D.: MW-8 /06-03-06		Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1218	0	6.74	24.4	1456	clear	odor/sheen
1221	2.75	6.76	22.2	1438	Black/cloudy	"
1223	5	6.75	21.6	1448	"	"
1226	7.75	6.74	21.1	1421	"	"
		* Drew down	to 9.10 at	1228		
		waiting for	recharge to	sample		
		* DTW is 3.40	at sample	time - 1427		

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1427	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:6/3/06
Pre-Purge DTW: 2.63 Time: 1100 Post-Purge DTW: 15.35 Time: 1205		Well I.D.: MW- 9	
Total Depth of Well: 20.00	Well Volume: 2.77	Casing Diameter: 0.5" (2") 4" 6" Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): KL/(MB)		Sample Containers: 3 VOAs, 1 Amber	
Sample I.D.: MW-9 /06-03-06		Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1155	0	6.49	22.7	1670	clear	no odor
1159	3	6.44	20.8	1637	clear/cloudy	slight odor/slight sheen
1202	6	6.44	20.3	1760	"	"
1204	8.5	6.42	19.8	2,95mS	"	"
	*	Drew down to 15.35 at 1205				
		waiting for recharge to sample				
	*	DTW is 3.70 at sample time - 1418				

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1418	Dissolved O_2:	C
Oakton		%	mg/L

Version 3.0/08/98/REM

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP	Project No.: *AGE-NC*-03-1101 / Date: 6/3/06
Pre-Purge DTW: 1.65 Time: 1028	Well I.D.: MW- 10
Post-Purge DTW: 1.74 Time: 1150	
Total Depth of Well: 11.15 / Well Volume: 1.52	Casing Diameter: 0.5" / 2" (circled) / 4" / 6"; Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47
Sampler(s): (KL)/MB	Sample Containers: 3 VOAs, 1 Amber
Sample I.D.: MW- 10 /06-03-06	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1142	0	6.92	21.5	581	cloudy	stale odor
1144	2	6.91	19.9	582	"	"
1146	4	6.97	20.2	562	"	"
1147	5	7.00	20.1	566	"	"

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1151	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: 6/3/06
Pre-Purge DTW: 3.65 Time: 1032 Post-Purge DTW: 11.20 Time: 1136	Well I.D.: MW-11
Total Depth of Well: 11.60 Well Volume: 1.27	Casing Diameter: 0.5" (Gal./Ft.: 0.01074) 2" (0.16) 4" (0.65) 6" (1.47)
Sampler(s): KL/MB	Sample Containers: 3 VOAs, 1 Amber
Sample I.D.: MW-11 /06-03-06	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1131	0	6.78	23.0	888	clear	strle odor
1133	1.5	6.83	20.5	897	cloudy	n
	3.0					
	4.0					
	- Drew down at 2.5 Gal.					
	- Waiting for recharge to sample					
	- DTW at 3.90 at sample time.					

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1400	Dissolved O_2:	C
Oakton		%	mg/L

Version 3.0/0898/REM

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP	Project No.: *AGE-NC*-03-1101	Date:6/3/06
Pre-Purge DTW: 5.12 Time: 1048 Post-Purge DTW: 7.00 Time: 1234	Well I.D.: MW- 12	
Total Depth of Well: 20.20 Well Volume: 2.41	Casing Diameter: 0.5" (2") 4" 6" Gal./Ft.: 0.01074 (0.16) 0.65 1.47	
Sampler(s): (KL)/MB	Sample Containers: 3 VOAs, 1 Amber	
Sample I.D.: MW- 12 /06-03-06	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1218	0	6.83	18.3	803	clear	stale odor
1221	2.5	6.82	17.9	805	"	"
1223	5.0	6.79	17.8	892	"	"
1226	7.5	6.79	17.8	974	"	"

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1235	Dissolved O_2:	C
Oakton		%	mg/L

Version 3.0/08/06/REM

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Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP	Project No.: *AGE-NC*-03-1101 / Date: 6/3/06
Pre-Purge DTW: 5.60 Time: 1046 Post-Purge DTW: 17.10 Time: 1210	Well I.D.: MW-13
Total Depth of Well: 19.70 Well Volume: 2.25	Casing Diameter: 0.5" (2") 4" 6" Gal./Ft.: 0.01074 0.16 0.65 1.47
Sampler(s): (RD)/MB	Sample Containers: 3 VOAs, 1 Amber
Sample I.D.: MW-13 /06-03-06	Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1202	0	6.69	17.6	914	clear	stale odor
1205	2.5	6.64	17.2	1012	"	"
1207	5.0	6.64	17.2	1084	"	"
1209	7.0	6.66	17.3	1112	"	"
	-Waiting for recharge to sample.					
	-DTW at 5.90 at sample time.					

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1417	Dissolved O_2:	C
Oakton		%	mg/L

Version 3.0/0898/REM

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

Monitoring Well Field Log

Well Data

Project Name: RINEHART - OAKLAND TRUCK STOP		Project No.: *AGE-NC*-03-1101	Date: 6/3/06
Pre-Purge DTW: 5.39	Time: 1117	Well I.D.: MW-14	
Post-Purge DTW: 6.40	Time: 1300		
Total Depth of Well: 19.85	Well Volume: 2.31	Casing Diameter: 0.5" / 2" / 4" / 6"	
		Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47	
Sampler(s): KL/MB		Sample Containers: 3 VOAs, 1 Amber	
Sample I.D.: MW-14 /06-03-06		Analysis: TPH-g,d/BTEX/5 Fuel Oxys 1,2-DCA, EDB	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm	Color/ Turbidity	Notes
1250	0	6.94	21.7	544	clear	No odor
1253	2.5	6.93	20.4	538	tan/cloudy	"
1255	5.0	6.94	20.1	542	"	"
1257	7.0	6.96	20.0	547	"	"

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1301	Dissolved O_2:	C
Oakton		%	mg/L

Version 3.0/0898/REM

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue Paramount, CA 90723-4146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT214-0606046
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118
Attention: Ms. Jo'l Chapman

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

Date Sampled: 06/03/06 @ 14:07 p.m.
Matrix: Water
Date Received: 06/06/06 @ 08:30 am
Date Analyzed 06/06/06 – 06/07/06

Laboratory ID:	0606-046-1	0606-046-2	0606-046-3	**Method**	**Units:**	**Detection**
Client Sample ID:	MW1	MW3N	MW4			**Limit**
Dilution	1	1	1			
TPH - Gasoline	ND	200	110	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)	16	150	33	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	3.9	SW846 8260B	ug/L	0.5
Toluene	ND	2.6	2.2	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	97	88	91	70-130
1,2 Dichloroethaned4	80	80	81	70-130
Toluene-d8	108	116	119	70-130
Bromofluorobenzene	101	101	94	70-130

CTEL Project No: CT214-0606046
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118
Attention: Ms. Jo'l Chapman

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

Date Sampled: 06/03/06 @ 12:55 p.m.
Matrix: Water
Date Received: 06/06/06 @ 08:30 am
Date Analyzed 06/06/06 – 06/07/06

Laboratory ID:	0606-046-4	0606-046-5	0606-046-6	**Method**	**Units:**	**Detection**
Client Sample ID:	MW5	MW6	MW7			**Limit**
Dilution	1	1	10-500			
TPH - Gasoline	400	ND	170000	EPA 8015M	ug/L	50
TPH – Diesel	900	ND	44000	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1	1	1-500			
Methyl-tert-butyl-ether(MtBE)	280	13	9000	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	4800	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	55	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	190	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	ND	ND<0.5	SW846 8260B	ug/L	0.5
Benzene	ND	ND	48000	SW846 8260B	ug/L	0.5
Toluene	ND	ND	5200	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	5600	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	ND	20000	SW846 8260B	ug/L	0.6
o-Xylene	ND	ND	3200	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	88	79	85	70-130
1,2 Dichloroethaned4	86	76	86	70-130
Toluene-d8	115	96	97	70-130
Bromofluorobenzene	97	102	101	70-130

CTEL Project No: CT214-0606046
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118
Attention: Ms. Jo'l Chapman

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

Date Sampled: 06/03/06 @ 14:27 p.m.
Date Received: 06/06/06 @ 08:30 am
Date Analyzed 06/06/06 06/07/06
Matrix: Water

Laboratory ID:	0606-046-7	0606-046-8	0606-046-9	**Method**	**Units:**	**Detection Limit**
Client Sample ID:	MW8	MW9	MW10			
Dilution	1	1	1			
TPH - Gasoline	1800	ND	ND	EPA 8015M	ug/L	50
TPH – Diesel	4800	ND	ND	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1	1	1			
Methyl-tert-butyl-ether(MtBE)	390	ND	ND	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	2100	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)	3.0	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	60	7.7	3.9	SW846 8260B	ug/L	0.5
Toluene	9.9	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	7.3	ND	ND	SW846 8260B	ug/L	0.5
m,p-Xylene	9.1	ND	ND	SW846 8260B	ug/L	0.6
o-Xylene	2.5	ND	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	79	87	82	70-130
1,2 Dichloroethaned4	80	87	86	70-130
Toluene-d8	123	116	110	70-130
Bromofluorobenzene	105	111	97	70-130

CTEL Project No: CT214-0606046
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118
Attention: Ms. Jo'l Chapman

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

Date Sampled: 06/03/06 @ 14:00 p.m.
Date Received: 06/06/06 @ 08:30 am
Date Analyzed 06/06/06 – 06/07/06
Matrix: Water

Laboratory ID:	0606-046-10	0606-046-11	0606-046-12	**Method**	**Units:**	**Detection Limit**
Client Sample ID:	MW11	MW12	MW13			
Dilution	1	1	1			
TPH - Gasoline	ND	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	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	76	83	86	70-130
1,2 Dichloroethaned4	86	81	83	70-130
Toluene-d8	108	112	110	70-130
Bromofluorobenzene	104	94	104	70-130

CTEL Project No: CT214-0606046
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118
Attention: Ms. Jo'l Chapman

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

Date Sampled: 06/03/06 @ 13:01 p.m.
Date Received: 06/06/06 @ 08:30 am
Date Analyzed 06/06/06 – 06/07/06
Matrix: Water

Laboratory ID:	0606-046-13	**Method**	**Units:**	**Detection Limit**
Client Sample ID:	MW14			
Dilution	1			
TPH - Gasoline	ND	EPA 8015M	ug/L	50
TPH – Diesel	ND	EPA 8015M	ug/L	50
VOC, 8260B				
Dilution	1			
Methyl-tert-butyl-ether(MtBE)	ND	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	SW846 8260B	ug/L	0.5
Benzene	ND	SW846 8260B	ug/L	0.5
Toluene	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	SW846 8260B	ug/L	0.6
o-Xylene	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY	Control Limit
Dibromofluoromethane	88	70-130
1,2 Dichloroethaned4	83	70-130
Toluene-d8	88	70-130
Bromofluorobenzene	95	70-130

Greg Tejirian
Laboratory Director

*The results are base upon the sample received.

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

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

QA/QC Report

Method: 8015M

Matrix: Water

Date Analyzed: 6/6/06

Date Extracted: 6/6/06

Perimeters	Conc.	ug/L	Spike	Recovery	%	Control	Limits	RPD
	MS	MSD	Added	MS	MSD	Rec.	RPD	
TPH - Gasoline	1002	1026	1000	100	103	70-130	20	3
TPH - Diesel	996	925	1000	100	92	70-130	20	8

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: 6/6/06

Date Extracted: 6/6/06

Perimeters	Conc.	ug/L	Spike	Recovery	%	Control	Limits	RPD
	MS	MSD	Added	MS	MSD	Rec.	RPD	
1,1-Dichloroethane	42	43	50	84	86	70-130	20	2
Benzene	46	47	50	92	94	70-130	20	2
Trichloroethene	44	44	50	88	88	70-130	20	0
Toluene	54	52	50	108	104	70-130	20	4
Chlorobenzene	54	58	50	108	116	70-130	20	8
m,p-Xylenes	113	120	100	113	120	70-130	20	7

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 6-3-06 Page 1 of 2

06.046

Client Rhine Hart Oil

Project Manager Joel Chapman

Phone Number (209) 467-1006

Samplers: (Signature)

Project Name Oakland Truck stop

Invoice: AGE ☒ Client ☐

Tests Required: TPH-GD; BTEX; 6 fuel ox.; 1,2 DCA & EDB

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	Notes
W-1/060306	MW-1	060306	1407		X			4	
W-3N	MW-3N		1435		X			4	
W-4	MW-4		1436		X			4	
W-5	MW-5		1255		X			4	
W-6	MW-6		1318		X			4	
W-7	MW-7		1340		X			4	
W-8	MW-8	↓	1427		X			4	

Relinquished by: (Signature)

Received by: (Signature)

Date/Time 060506 / 1630

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time

STAT

Dispatched by: (Signature)

Date/Time

Received for Laboratory by: R. Tyler

Date/Time 6-6-06 / 9:30

Method of Shipment: CAL overnight

Laboratory Name CAL TECH

Special Instructions: "Need EDF"

I hereby authorize the performance of the above indicated work.

Advanced
GeoEnvironmental, Inc.
837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 6-3-06 Page 2 of 2

06.046

Client Rhinehart oil

Project Manager Jo'L Chapman

Phone Number (209) 467-1006

Samplers: (Signature) Mac Buck

Project Name Oakland Truck stop

Invoice: AGE ☒ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Sample Type: Water Grab.	Sample Type: Air	Solid	No. of Conts.	TPH G-D	BTEX	5 Fuel OXYS	1,2 DCA + EDB	Notes
MW-9/060306	MW-9	060306	1418		X			4	X	X	X	X	
MW-10	MW-10		1151		X			4	X	X	X	X	
MW-11	MW-11		1400		X			4	X	X	X	X	
MW-12	MW-12		1235		X			4	X	X	X	X	
MW-13	MW-13		1412		X			4	X	X	X	X	
MW-14	MW-14		1301		X			4	X	X	X	X	

Relinquished by: (Signature) Mac Buck — Received by: (Signature) — Date/Time 060506 1630

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: — Date/Time 6.6.06 9:30

STAT

Method of Shipment: CAL OVER night

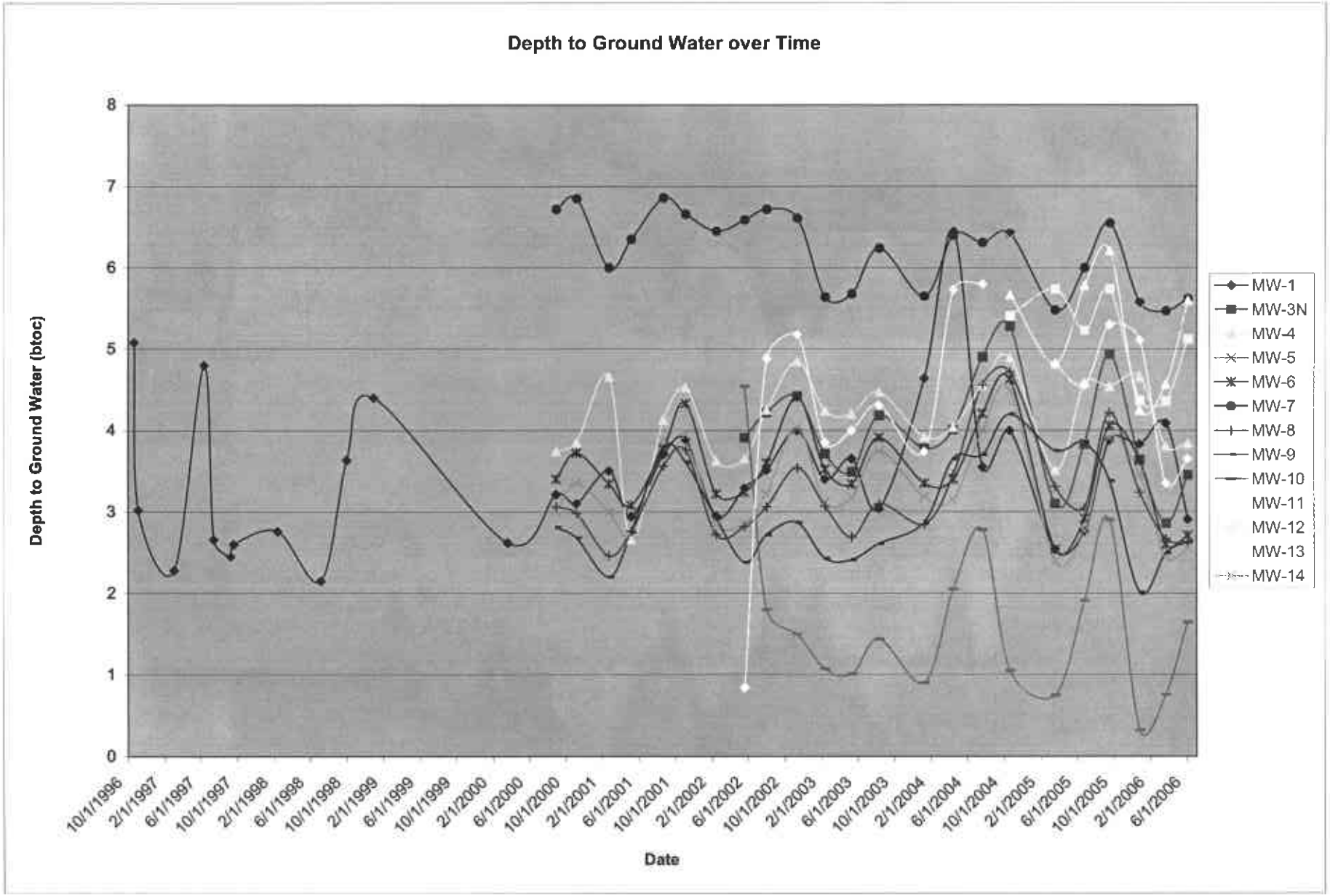
Laboratory Name: CAL TECH

Special Instructions: "Need EDF"

I hereby authorize the performance of the above indicated work.

Mac Buck

APPENDIX D


Depth to Ground Water over Time
Depth to Ground Water (btoc)
0
1
2
3
4
5
6
7
8
10/1/1996
2/1/1997
6/1/1997
10/1/1997
2/1/1998
6/1/1998
10/1/1998
2/1/1999
6/1/1999
10/1/1999
2/1/2000
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10/1/2004
2/1/2005
6/1/2005
10/1/2005
2/1/2006
6/1/2006
Date
MW-1
MW-3N
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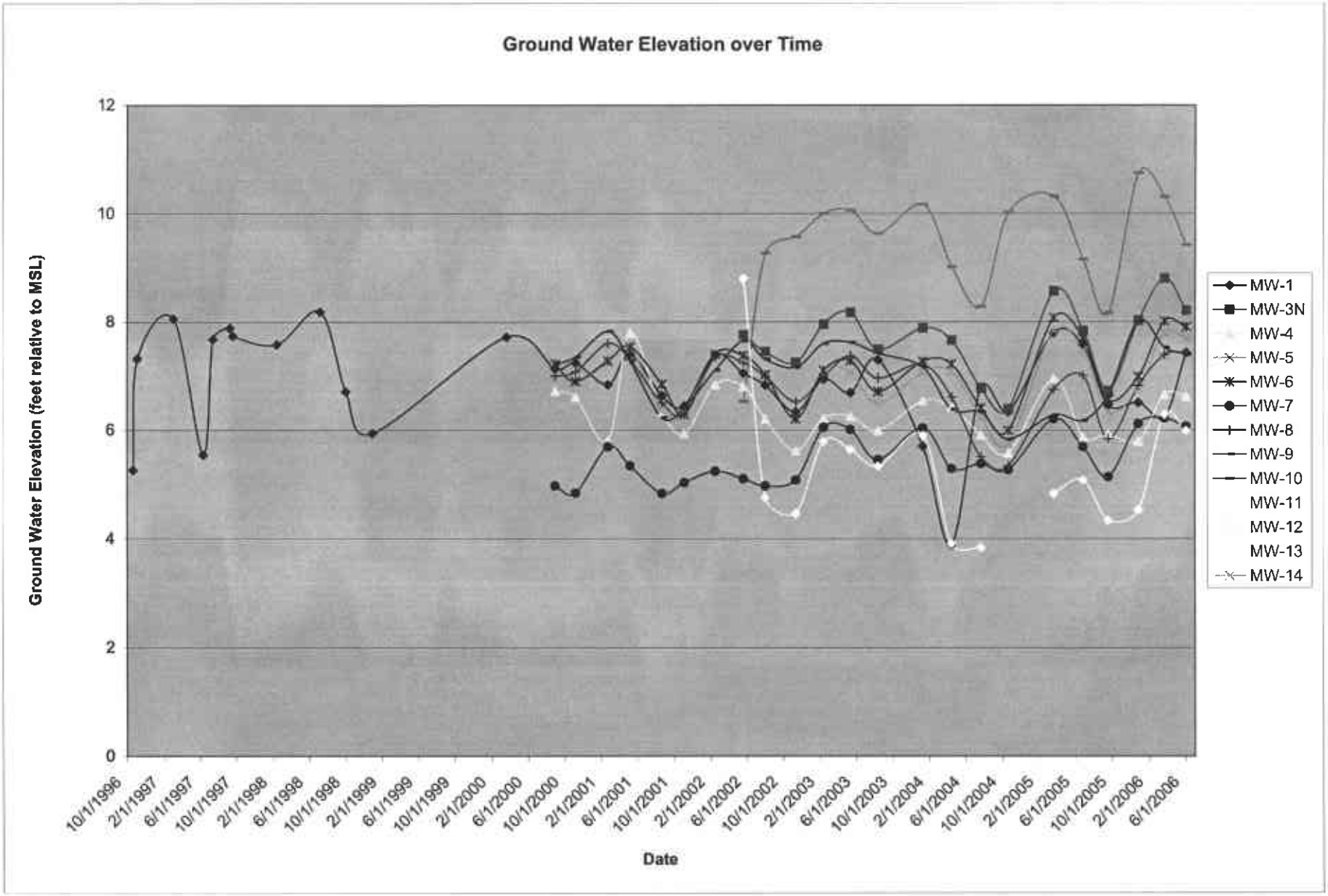
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
MW-14


Ground Water Elevation over Time
Ground Water Elevation (feet relative to MSL)
12
10
8
6
4
2
0
10/1/1996
2/1/1997
6/1/1997
10/1/1997
2/1/1998
6/1/1998
10/1/1998
2/1/1999
6/1/1999
10/1/1999
2/1/2000
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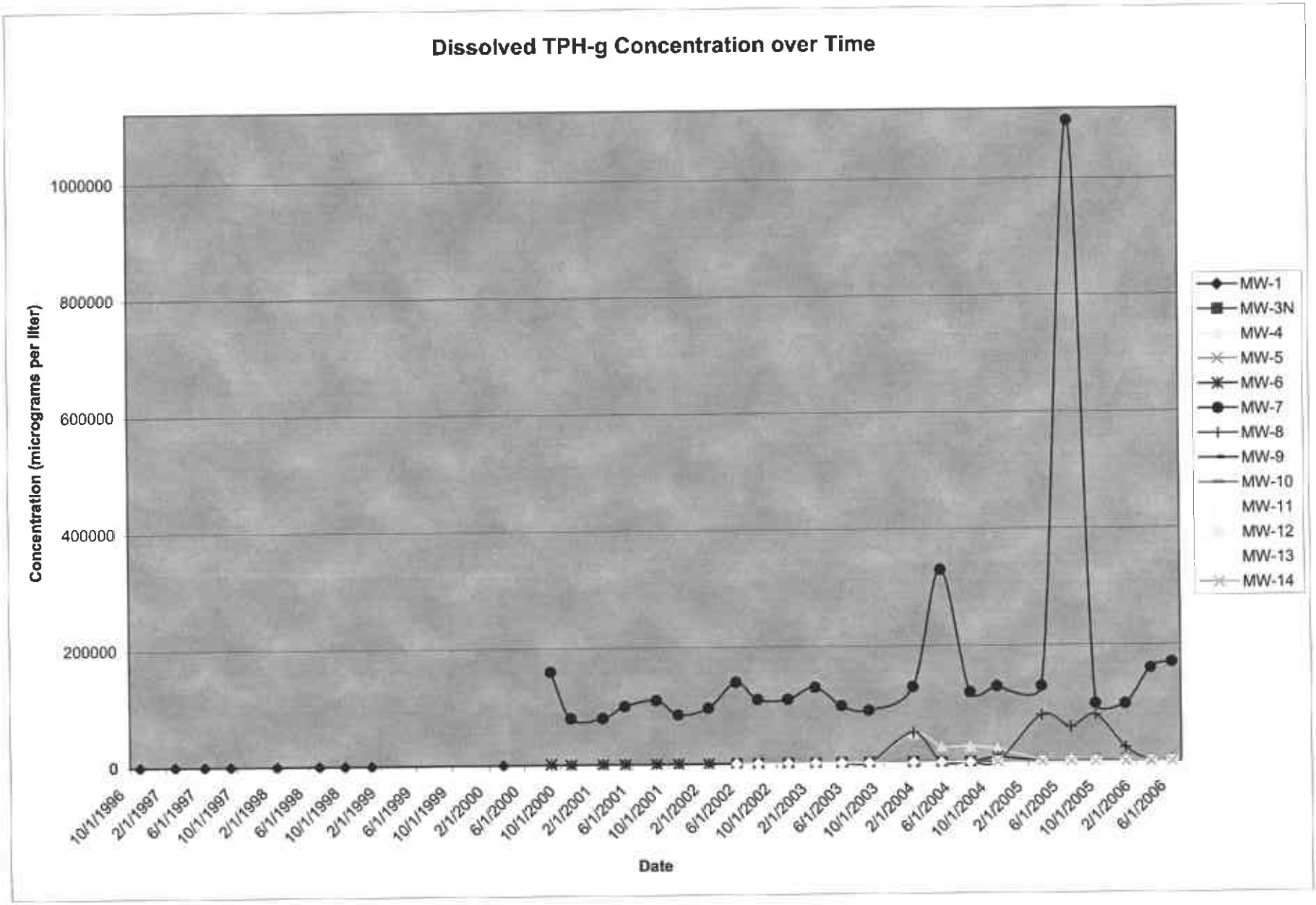
2/1/2005
6/1/2005
10/1/2005
2/1/2006
6/1/2006
Date
MW-1
MW-3N
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
MW-14


Dissolved TPH-g Concentration over Time
Concentration (micrograms per liter)
1000000
800000
600000
400000
200000
0
10/1/1996
2/1/1997
6/1/1997
10/1/1997
2/1/1998
6/1/1998
10/1/1998
2/1/1999
6/1/1999
10/1/1999
2/1/2000
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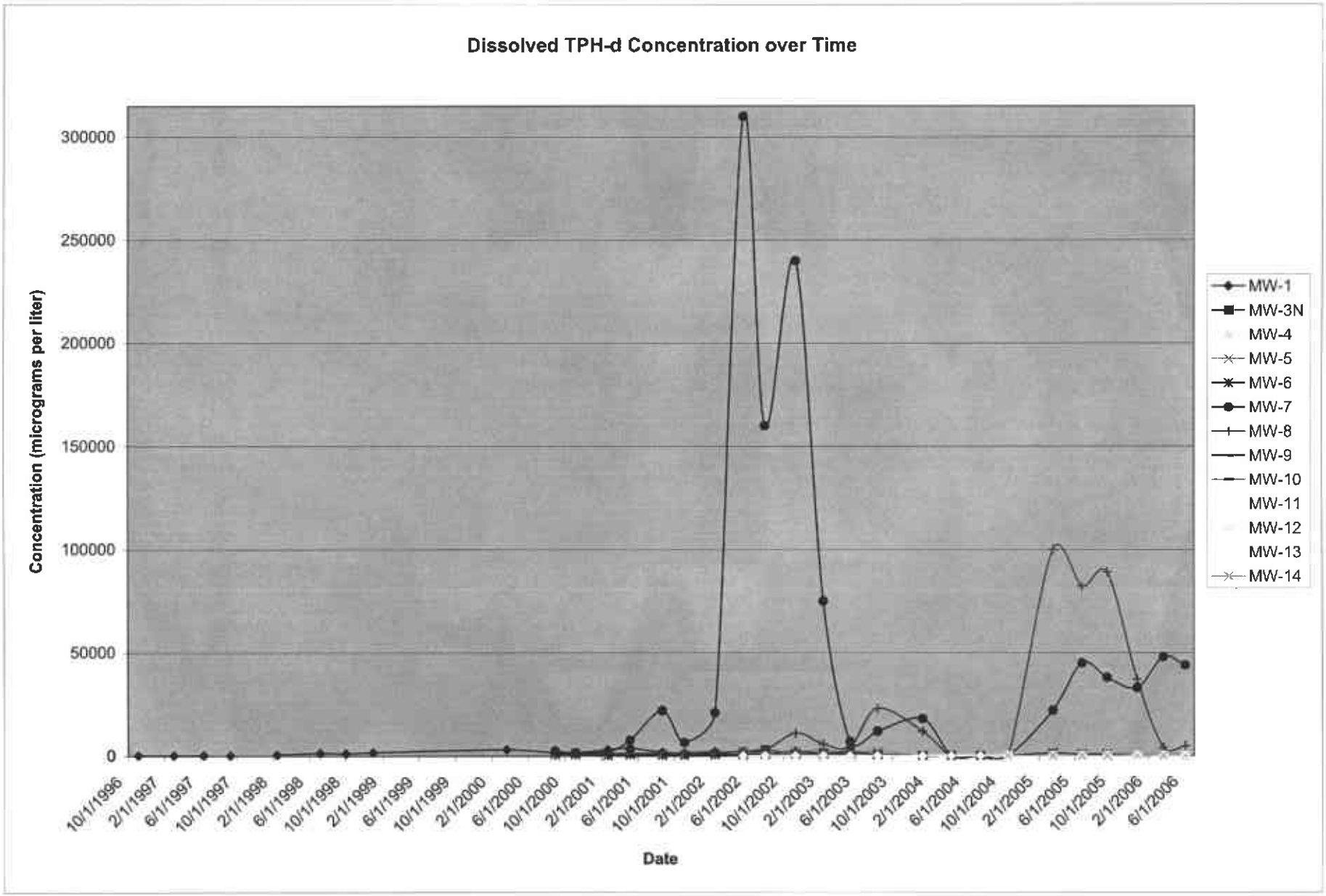
6/1/2004
10/1/2004
2/1/2005
6/1/2005
10/1/2005
2/1/2006
6/1/2006
Date
MW-1
MW-3N
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
MW-14


Dissolved TPH-d Concentration over Time
Concentration (micrograms per liter)
300000
250000
200000
150000
100000
50000
0
10/1/1996
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6/1/1997
10/1/1997
2/1/1998
6/1/1998
10/1/1998
2/1/1999
6/1/1999
10/1/1999
2/1/2000
6/1/2000
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2/1/2005
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10/1/2005
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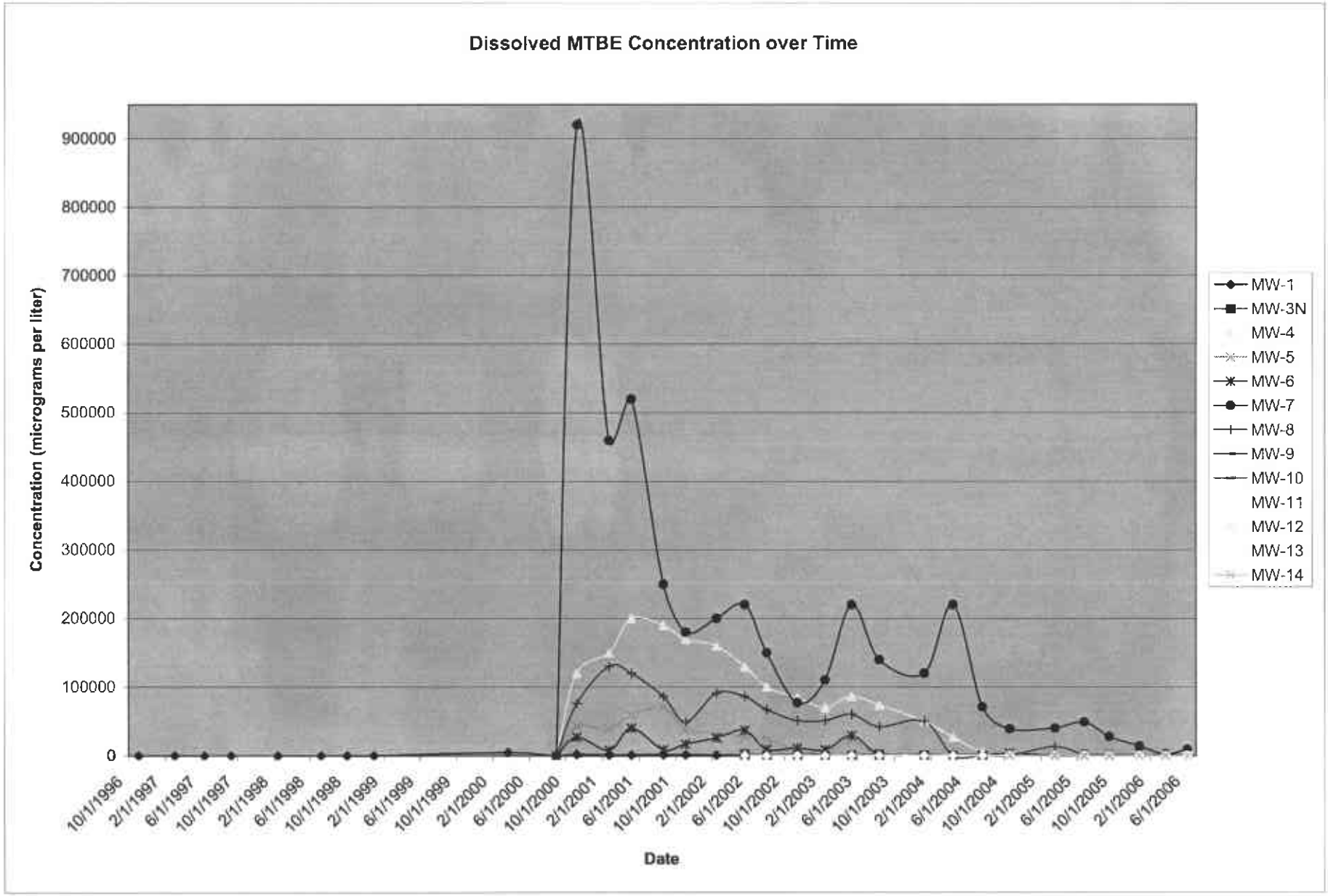
6/1/2006
Date
MW-1
MW-3N
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
MW-14


Dissolved MTBE Concentration over Time
Concentration (micrograms per liter)
900000
800000
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600000
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