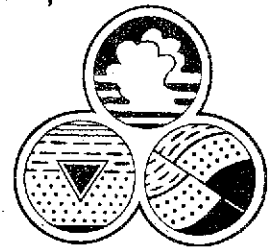


Advanced
GeoEnvironmental, Inc.



27 September 2004
AGE-NC Project No. 03-1101

Mr. Reed Rinehart
Rinehart Oil, Inc.
2401 North State Street
Ukiah, CA 95482

Alameda County
OCT 22 2004
Environmental Health

**Subject: Quarterly Report - Second Quarter 2004
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California**

Dear Mr. Rinehart:

Advanced GeoEnvironmental, Inc. has prepared the enclosed *Quarterly Report - Second Quarter 2004* for the above-referenced site. Ground water monitoring was conducted as required by Mr. Barney Chan of the Alameda County Environmental Health Services (ACEHS-DEP) to assess the extent of petroleum hydrocarbon impact to ground water resulting from an unauthorized release from underground storage tanks (USTs). The enclosed report presents the results for the April 2004 ground water monitoring and sampling event.

The opportunity to provide this service is greatly appreciated. If you have any questions or require further information, please contact our office at (209) 467-1006.

Sincerely,

Advanced GeoEnvironmental, Inc.

Eyrene L. Fisher

Eyrene L. Fisher
Staff Geologist

Enclosure

cc: ✓ Mr. Barney Chan: ACEHS-DEP

Alameda County
DCL 2-6-2004
Environmental Health

Quarterly Report - Second Quarter 2004
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

27 September 2004
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 2004
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

27 September 2004
AGE-NC Project No. 03-1101



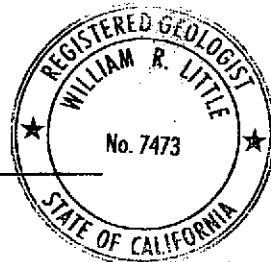
Advanced GeoEnvironmental, Inc.
837 Shaw Road, Stockton, California

PREPARED BY:

Eyrene L. Fisher
Eyrene L. Fisher
Staff Geologist

REVIEWED BY:

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



Quarterly Report - Second Quarter 2004
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

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Quarterly Report - Second Quarter 2004
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California

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Appendix B - *Field Logs*

Appendix C - *CTEL Laboratory Analytical Report*

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Quarterly Report - Second Quarter 2004
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 2004* for the site located at 1107 5th Street (site), Oakland, California. This report presents the results of ground water monitoring activities conducted in April 2004. The site and surrounding area is illustrated on Figure 1. On-site structures and well locations are illustrated on Figure 2. Site background information is provided in Appendix A.

The purposes 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. PROCEDURES

On 14 April 2004, the second quarter 2004 ground water monitoring event was conducted at the site, which included the measurement of ground water levels and collection of ground water samples from on site monitoring wells MW-1, MW-3N, MW-4 through MW-7 and MW-9 through MW-11 (Figure 2).

2.1. WELL MONITORING AND EVACUATION

On 14 April 2004, 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 (from 2 gallons to 8 gallons) of water. Temperature, pH, and conductivity were measured at regular intervals using an Oakton water analyzer. The field data sheets are included in Appendix B. Purged water was stored on-site in 55-gallon drums.

2.2. COLLECTION AND ANALYSIS OF GROUND WATER SAMPLES

Water samples were collected from the monitoring wells using the 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 laboratory-supplied 40-ml EPA-approved volatile organic analysis

(VOA) vials containing 0.5 ml 18% hydrochloric acid as a sample preservative and a one-liter glass container without preservative. The sample containers were then labeled with the well designation, date, time and the sampler's initials. The samples were transported in a chilled container under chain of custody to Cal Tech Environmental Laboratories (CTEL), a California Department of Health Services (DHS)-certified laboratory, for analysis. The samples were analyzed for:

- Total petroleum hydrocarbons quantified as gasoline and diesel (TPH-g and TPH-d) in accordance with EPA Method 8015M; and
- Benzene, toluene, ethylbenzene and total xylenes (BTEX); Fuel additives di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), methyl tertiary butyl ether (MTBE), tertiary amyl methyl ether (TAME), tertiary butanol (TBA), methanol, ethanol, 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 14 April 2004. Laboratory analysis of ground water samples was used to quantify the impact to ground water.

3.1. GROUND WATER GRADIENT AND FLOW DIRECTION

On 14 April 2004, depth to ground water was measured between 2.05 feet and 6.45 feet below the top of the well casings; ground water elevations at the site ranged from 3.89 feet above mean sea level (MSL) in MW-1 to 9.02 feet above MSL in well MW-10. The ground water elevations for MW-1 and MW-11 were disregarded in the estimation of the ground water flow due to abnormal elevations. Previous ground water flow and gradient calculations also had to be completed while disregarding measurements from MW-1 and MW-11 for the same reason. For the second quarter 2004 monitoring event, the ground water flows away from MW-10 toward the northeast and north-northwest at equivalent gradients of 0.019 foot/foot. Depth to water and ground water elevations are summarized in Table 1. Figure 3 illustrates the contoured ground water elevations.

3.2. ANALYTICAL RESULTS OF GROUND WATER SAMPLES

Ground water samples were collected from site monitoring wells MW-1, MW-3N, MW-4 through MW-7 and MW-9 through MW-11 for laboratory analysis. A sample was not collected from MW-8 due to free product encountered while bailing (see field sheets in Appendix B). Ground water sample

analytical results are detailed below.

TPH-g was detected in ground water samples taken from all monitoring wells except MW-10 and MW-11. Concentrations ranged from 180 micrograms per liter ($\mu\text{g/l}$) in MW-9 to 330,000 $\mu\text{g/l}$ in MW-7. TPH-d was detected in the sample from MW-7 at a concentration of 22 $\mu\text{g/l}$. Figure 4 shows the contoured impact to ground water of TPH-g. BTEX constituents were detected in the sample from well MW-7. Benzene was also detected in the sample from MW-5 at a concentration of 22 $\mu\text{g/l}$

MTBE was detected in all samples collected except those taken from MW-10 and MW-11. Concentrations ranged from 180 $\mu\text{g/l}$ in MW-9 to 220,000 $\mu\text{g/l}$ in MW-7. Figure 5 illustrates the MTBE-impact to ground water for this monitoring event. TAME was detected in the sample from MW-7 at a concentration of 660 $\mu\text{g/l}$. 1,2-DCA was detected in the sample from MW-7 at a concentration of 400 $\mu\text{g/l}$.

A summary of ground water analytical results are presented in Tables 2 and 3. The laboratory analytical report (CTEL Project No. CT214-0404116), quality assurance/quality control (QA/QC) and chain of custody forms are included in Appendix C. GeoTracker confirmation pages of the submitted laboratory electronic deliverable format (EDF) files are included in Appendix D.

4.0. SUMMARY AND CONCLUSIONS

Based on the findings from this investigation, AGE concludes:

- Ground water at the site for the April 2004 monitoring event flowed away from MW-10 to the northeast and north-northwest. The gradient is the same in both directions, at 0.019 ft/ft. The ground water direction is similar to those reported previously. The average ground water elevation at the site increased approximately 0.74 feet since the last monitoring event.
- TPH-g and MTBE were detected in all the ground water samples collected except for those from MW-10 and MW-11, at maximum concentrations of 330,000 $\mu\text{g/l}$ and 220,000 $\mu\text{g/l}$, respectively, from MW-7.
- TPH-d was detected in the sample from monitoring well MW-7 at a concentration of 22 $\mu\text{g/l}$.
- BTEX constituents were detected in the sample from MW-7 at concentrations of 23,000 $\mu\text{g/l}$ benzene, 300 $\mu\text{g/l}$ toluene, 1,900 $\mu\text{g/l}$ ethylbenzene and 5,600 $\mu\text{g/l}$ xylenes. Benzene was also detected in the sample from MW-5 at 20 $\mu\text{g/l}$.
- TAME and 1,2-DCA were detected in the sample collected from monitoring well MW-7 at concentrations of 660 $\mu\text{g/l}$ and 400 $\mu\text{g/l}$, respectively.

- The highest concentrations of contaminants were detected in the ground water sample from monitoring well MW-7. This has consistently been the well with the most contamination.

5.0. RECOMMENDATIONS

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

- Continued quarterly ground water monitoring;
- Removing methanol and ethanol from future analyses being as it has not been detected since initiation of ground water monitoring;
- Proceed with work as approved in the Additional Site Assessment work plan for the delineation of the vertical and lateral extent of petroleum hydrocarbon impacts to soil and ground water for the subject property. The necessary permits have been obtained and drilling is scheduled for October 2004;
- Continue with installation of interim remediation system. *Status?*

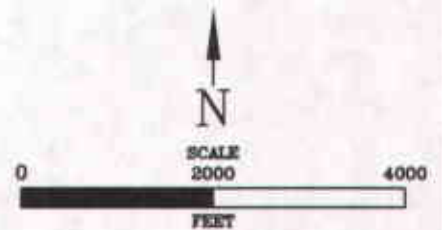
6.0. LIMITATIONS

AGE's 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 analytical results provided by an independent laboratory. Evaluations of the hydrogeologic conditions at the site for the purpose of this investigation were made from a limited number of available data points (i.e., monitoring wells and ground water samples) and subsurface conditions may vary beyond 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)

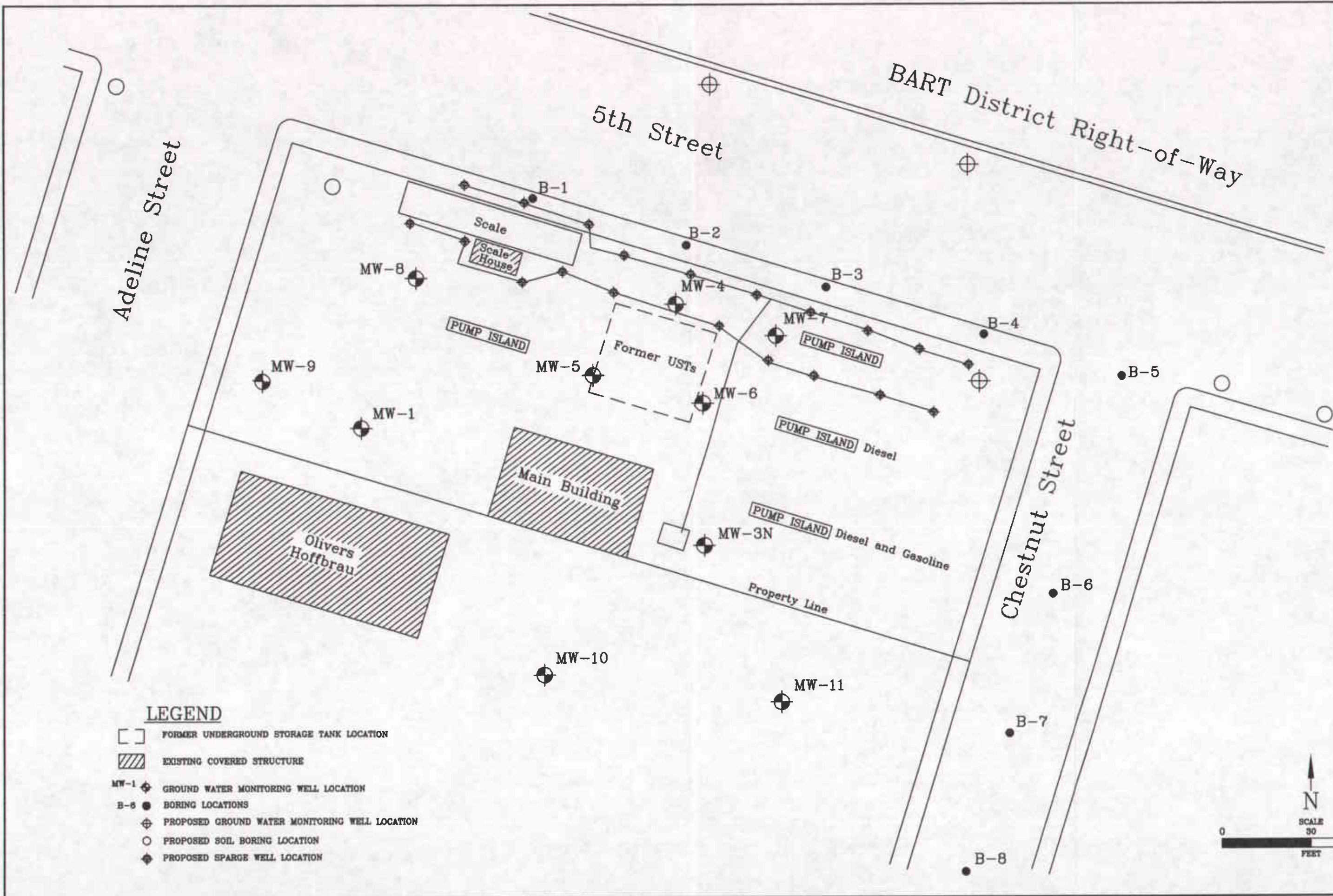


LOCATION MAP
 RINEHART - OAKLAND TRUCK STOP
 1107 5TH STREET
 OAKLAND, CALIFORNIA



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 LOCATION
- EXISTING COVERED STRUCTURE
- MW-1 + GROUND WATER MONITORING WELL LOCATION
- B-5 ● BORING LOCATIONS
- ⊕ PROPOSED GROUND WATER MONITORING WELL LOCATION
- PROPOSED SOIL BORING LOCATION
- ⊕ PROPOSED SPARGE WELL LOCATION

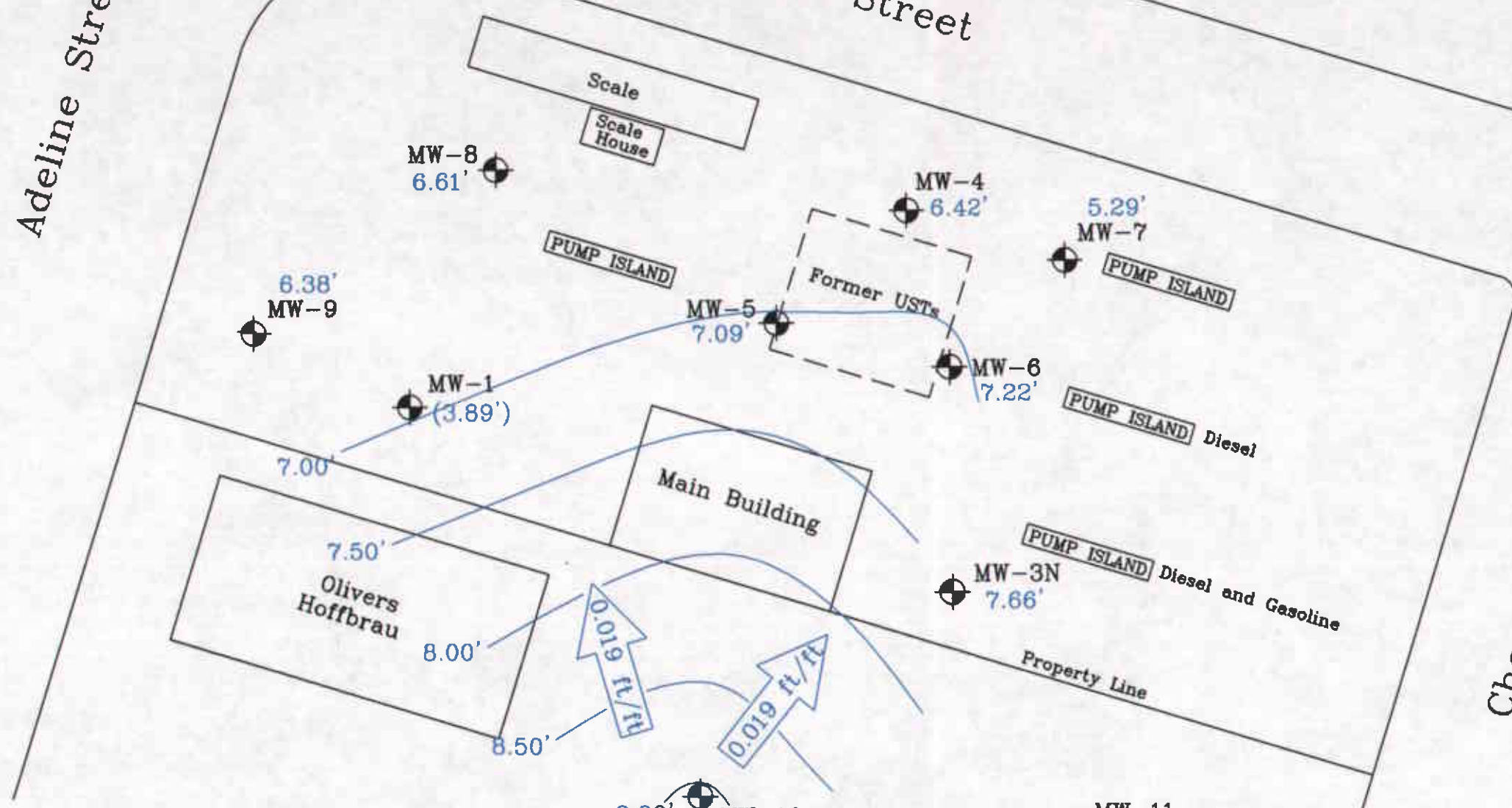


Adeline Street

5th Street

BART District Right-of-Way

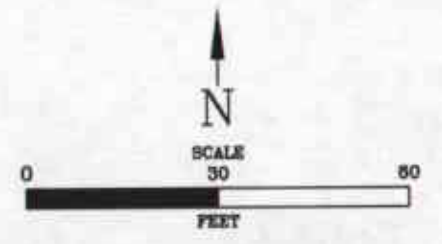
Chestnut Street



LEGEND

- FORMER UNDERGROUND STORAGE TANK LOCATION
- EXISTING COVERED STRUCTURE
- GROUND WATER MONITORING WELL LOCATION AND GROUND WATER ELEVATION
- LINE OF EQUAL GROUND WATER ELEVATION

14 APRIL 2004

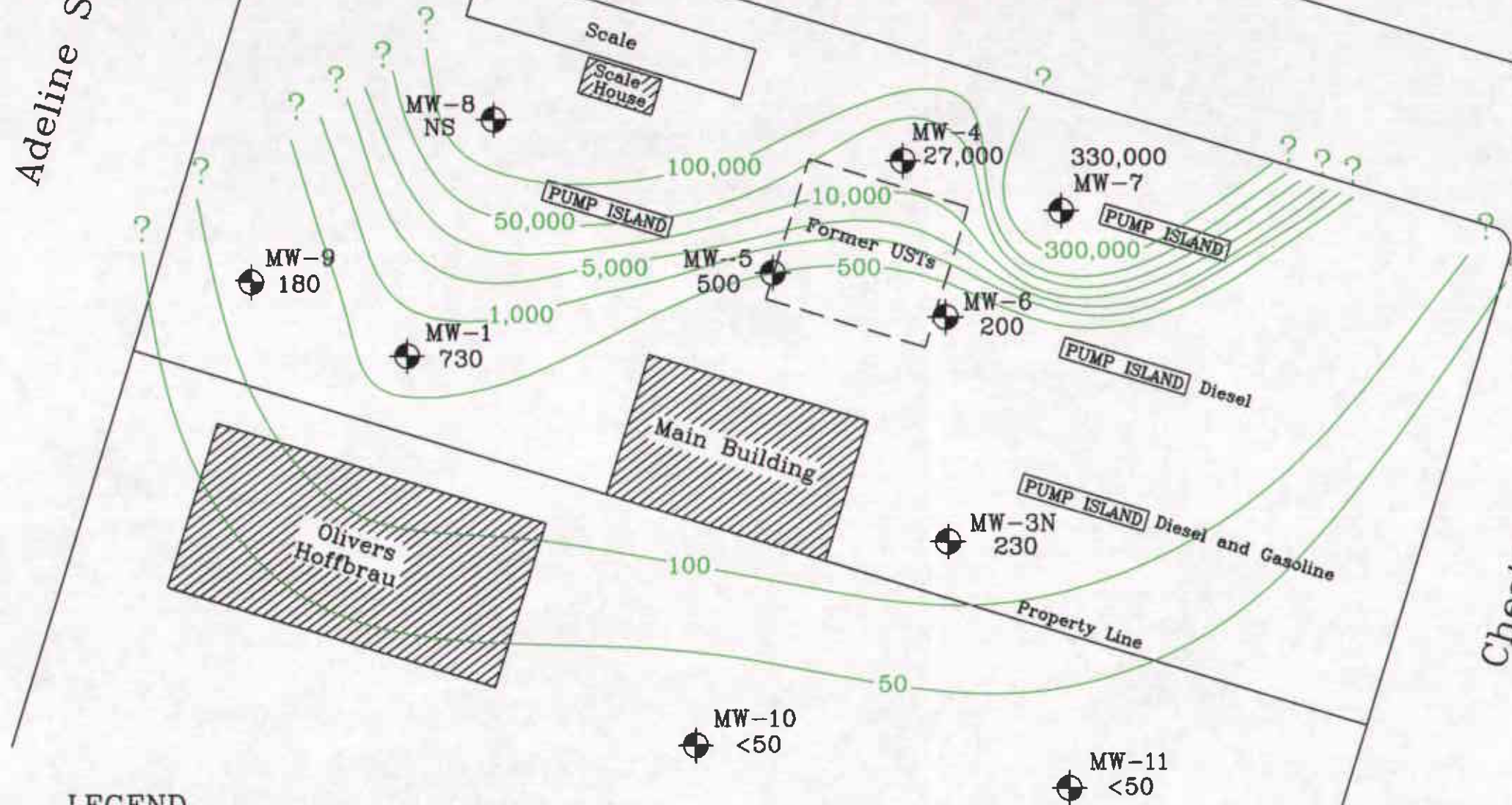


Adeline Street

5th Street

BART District Right-of-Way

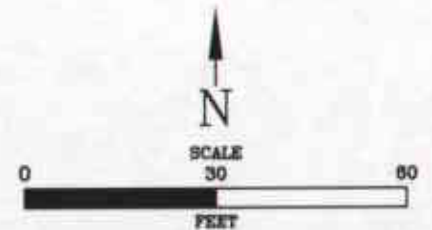
Chestnut Street



LEGEND

- FORMER UNDERGROUND STORAGE TANK LOCATION
- EXISTING COVERED STRUCTURE
- MW-1
46
 GROUND WATER MONITORING WELL LOCATION WITH TPH-g CONCENTRATIONS
- TPH-g CONCENTRATION LINES QUERIED WHERE UNCERTAIN

14 APRIL 2004



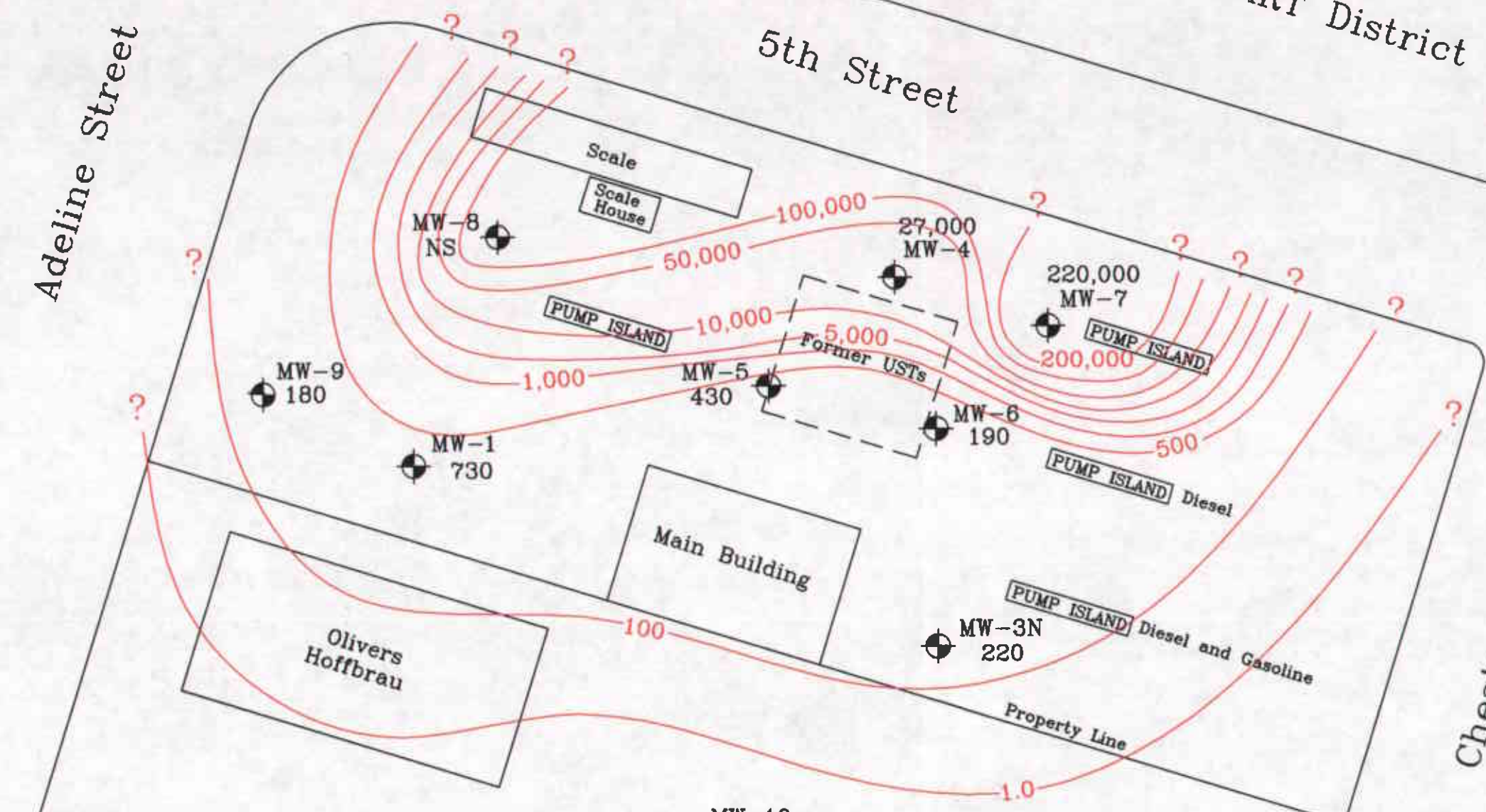
EXTENT OF TPH-g IMPACT
RINEHART - OAKLAND TRUCK STOP
1107 5TH STREET
OAKLAND, CALIFORNIA

Adeline Street

5th Street

BART District Right-of-Way

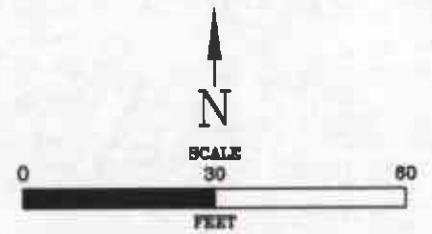
Chestnut Street



LEGEND

- FORMER UNDERGROUND STORAGE TANK LOCATION
- EXISTING COVERED STRUCTURE
- MW-1
692 GROUND WATER MONITORING WELL LOCATION AND MTBE CONCENTRATION
- ~ MTBE CONCENTRATION LINES QUERIED WHERE UNCERTAIN

14 APRIL 2004



EXTENT OF MTBE IMPACT
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 ID 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	
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	

TABLE 1
GROUND WATER ELEVATION DATA
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(feet)

Well ID <i>Casing Elevation</i> (Screen Interval)	Date	Depth to Ground Water	Ground Water Elevation
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	
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	

TABLE 1
GROUND WATER ELEVATION DATA
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(feet)

Well ID 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	
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	

TABLE 1
GROUND WATER ELEVATION DATA
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(feet)

Well ID <i>Casing Elevation</i> (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	
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	
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	

TABLE 1
GROUND WATER ELEVATION DATA
 Rinehart Oil, Inc. - Oakland Truck Stop
 1107 5th Street, Oakland, California
 (feet)

Well ID <i>Casing Elevation</i> (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

Notes:

bsg: below surface grade

All measurements reported in feet

TABLE 2
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8021
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-1	11/04/96	ND	220	ND	ND	ND	ND	NA
	03/05/97	ND	230	ND	ND	ND	ND	NA
	06/12/97	ND	290	ND	ND	ND	ND	NA
	09/09/97	ND	180	ND	ND	ND	ND	NA
	02/13/98	ND	590	ND	ND	ND	ND	NA
	07/07/98	ND	1,400	ND	ND	ND	ND	NA
	10/01/98	ND	1,100	ND	ND	ND	ND	NA
	12/30/98	ND	1,700	ND	ND	ND	ND	NA
	03/21/00	220	3,100	11	ND	ND	ND	NA
	08/30/00	140	1,600	5.3	<0.5	<0.5	<0.5	2,900
	11/06/00	51	1,500	1.0	<0.5	<0.5	<0.5	1,700
	02/22/01	140	3,000	<0.5	<0.5	<0.5	<0.5	1,00
	05/07/01	<50	3,800	<0.5	<0.5	<0.5	<0.5	780
	08/22/01	<110	1,800	<0.5	<0.5	<0.5	<0.5	1,900
	11/04/01	<50	1,300	<0.5	<0.5	<0.5	<0.5	1,600
	02/15/02	<50	2,000	<0.5	<0.5	<0.5	<0.5	610
	05/20/02	<50	160	<0.5	<0.5	<0.5	<0.5	570
	08/01/02	<50	600	<0.5	<0.5	<0.5	<0.5	480
	11/11/02	<50	2,200	<0.5	<0.5	<0.5	<0.5	510
	02/12/03	<50	1,200	<0.5	<0.5	<0.5	<0.5	540
05/12/03	<50	520	<0.5	<0.5	<0.5	<0.5	610	
08/11/03	<50	180	<0.5	<0.5	<0.5	<0.5	740	
01/09/04	610	<50	<0.5	<0.5	<0.5	4.2	NA	
04/14/04	730	<50	<0.5	<0.5	<0.5	<0.6	NA	

TABLE 2
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8021
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-3N	05/20/02	<50	1,800	<0.5	<0.5	<0.5	<0.5	1,100
	08/01/02	<50	2,900	<0.5	<0.5	<0.5	<0.5	350
	11/11/02	<50	1,100	<0.5	<0.5	<0.5	<0.5	280
	02/12/03	<50	1,300	<0.5	<0.5	<0.5	<0.5	380
	05/12/03	<50	1,500	<0.5	<0.5	<0.5	<0.5	330
	08/11/03	<50	720	<0.5	<0.5	<0.5	<0.5	250
	01/09/04	230	<50	<0.5	<0.5	<0.5	<0.6	NA
	04/14/04	230	<50	<0.5	<0.5	<0.5	<0.6	NA
MW-4	08/30/00	1,300	390	64	63	9.7	110	210,000
	11/06/00	<3,300	170	80	<4.0	<5.0	<3.0	130,000
	11/06/00†	<3,300	NA	86	<4.0	<7.0	<6.0	130,000
	02/22/01	<3,300	120	30	<3.0	<3.0	<3.0	120,000
	05/07/01	<4,200	240	<20	<10.0	<5.0	<5.0	150,000
	08/22/01	<5,400	300	<5.0	<5.0	<5.0	<5.0	160,000
	11/04/01	<5,000	210	<5.0	<5.0	<5.0	<5.0	130,000
	02/15/02	<5,000	340	<5.0	<5.0	<5.0	<10	160,000
	05/20/02	<2,500	200	<25	<25	<25	<25	98,000
	08/01/02	<2,500	200	<25	<25	<25	<25	89,000
	11/11/02	<3,000	200	<25	<25	<25	<25	99,000
	02/12/03	<2,500	88	<25	<25	<25	<25	78,000
	05/12/03	<2,500	88	<25	<25	<25	<25	88,000
	08/11/03	<2,500	66	<25	<25	<25	<25	77,000
	01/09/04	50,000	<50	120	<0.5	<0.5	<0.6	NA
	04/14/04	27,000	<50	<0.5	<0.5	<0.5	<0.6	NA

TABLE 2
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8021
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-5	08/30/00	1,000	450	<5.0	<5.0	<5.0	<5.0	52,000
	11/06/00	<1,000	520	<1.0	<1.0	<1.0	<1.0	44,000
	02/22/01	<1,000	270	<1.0	<1.0	<1.0	<1.0	30,000
	05/07/01	<1,800	470	<5.0	<2.0	<2.0	<2.0	48,000
	08/22/01	<2,200	780	<3.0	<3.0	<3.0	<3.0	63,000
	11/04/01	<1,700	670	<2.0	<2.0	<2.0	<2.0	44,000
	02/15/02	<1,100	480	<1.0	<1.0	<1.0	<1.0	33,000
	05/20/02	<500	1,600	<5.0	<5.0	<5.0	<5.0	21,000
	08/01/02	<500	810	<5.0	<5.0	<5.0	<5.0	21,000
	11/11/02	<500	2,100	<5.0	<5.0	<5.0	<5.0	10,000
	02/12/03	<170	2,900	30	<1.7	<1.7	<1.7	3,700
	05/12/03	<500	1,500	13	<5.0	<5.0	<5.0	19,000
	08/11/03	71	2,200	9.5	<0.5	<0.5	<0.5	1,500
	01/09/04	1,500	<50	<0.5	<0.5	<0.5	<0.6	NA
	04/14/04	500	<50	20	<0.5	<0.5	<0.6	NA

TABLE 2
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8021
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-6	08/30/00	1,300	1,300	55	<0.5	16	27	23,000
	11/06/00	<630	1,100	7	8.1	<3.0	5.2	26,000
	02/22/01	<200	420	<5.0	<5.0	<5.0	<5.0	6,500
	05/07/01	<1,000	900	<2.0	<2.0	<1.0	<1.0	37,000
	08/22/01	<350	520	<2.0	<1.0	<0.5	<0.5	8,600
	11/04/01	<500	420	<2.0	<2.0	<0.5	<0.5	12,000
	02/15/02	<960	910	2.6	4.5	<1.0	4.2	23,000
	05/20/02	<620	690	<6.2	<6.2	<6.2	<6.2	25,000
	08/01/02	<250	1,100	8.0	<2.5	<2.5	<2.5	8,100
	11/11/02	<500	1,000	<5.0	<5.0	<5.0	<5.0	11,000
	02/12/03	<250	970	<2.5	<2.5	<2.5	<2.5	7,400
	05/12/03	<1,000	2,100	<10	<10	<10	<10	32,000
	08/11/03	110	630	6.8	<1	<1.0	<1.0	2,800
	01/09/04	700	<50	<0.5	<0.5	<0.5	<0.6	NA
	04/14/04	200	<50	<0.5	<0.5	<0.5	<0.6	NA

TABLE 2
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8021
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-7	08/30/00	160,000	2,600	28,000	15,000	1,200	5,900	800,000
	11/06/00	80,000	1,700	23,000	12,000	1,200	5,000	540,000
	02/22/01	80,000	2,000	19,000	12,000	1,100	3,200	440,000
	02/22/01†	84,000	2,400	20,000	13,000	1,200	3,400	400,000
	05/07/01	100,000	7,600	25,000	16,000	1,700	6,600	460,000
	05/07/01†	100,000	8,200	25,000	17,000	1,700	6,700	530,000
	08/22/01	110,000	22,000	18,000	12,000	2,000	9,400	240,000
	11/04/01	85,000	6,500	17,000	2,700	2,100	9,700	150,000
	02/15/02	96,000	21,000	21,000	7,300	2,600	13,000	180,000
	02/15/02†	160,000	29,000	30,000	27,000	3,700	19,000	170,000
	05/20/02	140,000	310,000	24,000	21,000	3,800	20,000	180,000
	08/01/02	110,000	160,000	15,000	16,000	4,000	21,000	120,000
	11/11/02	110,000	240,000	14,000	11,000	4,100	19,000	74,000
	02/12/03	130,000	75,000	25,000	8,900	3,400	17,000	87,000
	05/12/03	98,000	7,100	25,000	520	2,600	12,000	140,000
	08/11/03	90,000	12,000	15,000	1,100	2,600	12,000	140,000
	01/09/04	130,000	18,000	9,500	340	190	3,700	NA
04/14/04	330,000	22	23,000	300	1,900	5,600	NA	

TABLE 2
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8021
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-8	08/30/00	<1,000	690	18	<1.0	<1.0	<1.0	28,000
	11/06/00	<3,300	810	<8.0	<5.0	<3.0	<7.0	120,000
	02/22/01	<2,500	1,100	53	<3.0	<3.0	<3.0	99,000
	05/07/01	<5,00	1,300	32	<10	<5.0	<5.0	110,000
	08/22/01	<4,000	1,200	<5.0	<5.0	<5.0	16	76,000
	11/04/01	590	1,100	6.9	<0.5	<0.5	<0.5	60,000
	02/15/02	<3,400	1,500	<5.0	<5.0	<5.0	<5.0	110,000
	05/20/02	<1,700	2,200	<17	<17	<17	<17	66,000
	08/01/02	<1,200	2,800	<12	<12	<12	<12	53,000
	11/11/02	<2,000	11,000	<10	18	<10	<10	48,000
	02/12/03	<1,700	5,800	<17	<17	<17	<17	49,000
	05/12/03	<2,500	4,500	94	<25	<25	<25	52,000
	08/11/03	<2,500	23,000	92	<25	<25	<25	42,000
	01/09/04	51,000	12,000	2.4	<0.5	<0.5	2.1	NA
	04/14/04	NS	NS	NS	NS	NS	NS	NS

TABLE 2
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8021
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-9	08/30/00	<50	770	<0.5	<0.5	<0.5	<0.5	97
	11/06/00	<50	390	<0.5	<0.5	<0.5	<0.5	190
	02/22/01	<50	240	<0.5	<0.5	<0.5	<0.5	120
	05/07/01	<50	190	<0.5	<0.5	<0.5	<0.5	120
	08/22/01	<50	120	<0.5	<0.5	<0.5	<0.5	120
	11/04/01	<50	160	<0.5	<0.5	<0.5	<0.5	130
	02/15/02	<50	150	<0.5	<0.5	<0.5	<0.5	92
	05/20/02	<50	380	<0.5	<0.5	<0.5	<0.5	79
	08/01/02	<50	320	<0.5	<0.5	<0.5	<0.5	74
	11/11/02	<50	150	<0.5	<0.5	<0.5	<0.5	76
	02/12/03	<50	350	<0.5	<0.5	<0.5	<0.5	55
	05/12/03	<50	380	<0.5	<0.5	<0.5	<0.5	45
	08/11/03	<50	88	<0.5	<0.5	<0.5	<0.5	36
	01/09/04	200	<50	<0.5	<0.5	<0.5	4.7	NA
04/14/04	180	<50	<0.5	<0.5	<0.5	<0.6	NA	
MW-10	08/01/02	<50	720	1.0	<0.5	<0.5	<0.5	<5.0
	11/11/02	<50	100	0.72	<0.5	<0.5	<0.5	<5.0
	02/12/03	<50	71	0.63	<0.5	<0.5	<0.5	<5.0
	05/12/03	<50	96	0.56	<0.5	<0.5	<5.0	<5.0
	08/11/03	<50	110	0.93	<0.5	<0.5	<0.5	<5.0
	01/09/04	<50	<50	<0.5	<0.5	<0.5	<0.6	NA
	04/14/04	<50	<50	<0.5	<0.5	<0.5	<0.6	NA

TABLE 2
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Methods 8015M/8021
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
($\mu\text{g/l}$)

Well ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE (8021)
MW-11	05/20/02	<50	95	1.5	3.0	<0.5	1.4	260
	08/01/02	<50	190	<0.5	1.9	0.6	<0.5	52
	11/11/02	<50	140	<0.5	2.1	1.1	<0.5	23
	02/12/03	<50	86	<0.5	1.7	<0.5	<0.5	<5.0
	05/12/03	<50	62	<0.5	1.1	<0.5	<0.5	<5.0
	08/11/03	<50	72	<0.5	0.66	<0.5	<0.5	<5.0
	01/09/04	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	04/14/04	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
MCL		NE	NE	1	150	700	1,750	13

Notes:

†: Duplicate sample

Results are in units of micrograms per liter ($\mu\text{g/l}$)

NA: Not analyzed

NS: Not sampled

TPH-g/-d: Total petroleum hydrocarbons as gasoline and diesel

MTBE: Methyl tertiary butyl ether

8021/8260: EPA Method of analysis

MCL: Primary Maximum Contaminant Level for Drinking Water in California

NE: No MCL has been established

TABLE 3
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-1	11/04/96	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/05/97	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/97	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/97	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/13/98	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/07/98	2.7	NA	NA	NA	NA	NA	NA	NA	NA
	10/01/98	1.8	NA	NA	NA	NA	NA	NA	NA	NA
	12/30/98	2.3	NA	NA	NA	NA	NA	NA	NA	NA
	03/21/00	4,800	NA	NA	NA	NA	NA	NA	NA	NA
	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	2,100	<50	<50	<50	<250	NA	NA	<50	<50
	02/22/01	1,100	<20	<20	<20	<100	<4,000	<1,000	<20	<20
	05/07/01	1,100	<20	<20	<20	<100	<10,000	<1,000	<20	<20
	08/22/01	1,600	<25	<25	<25	<130	NA	NA	<25	<25
	11/04/01	1,500	<50	<50	<50	<250	NA	NA	<50	<50
	02/15/02	770	<20	<20	<20	<100	<10,000	<1,000	<20	<20
	05/20/02	730	<10	<10	<10	<100	<10,000	<1,000	<10	<10
	08/01/02	610	<10	<10	<10	<100	<10,000	<1,000	<10	<10
	11/11/02	600	<10	<10	<10	<100	<10,000	<1,000	<10	<10
	02/12/03	640	<10	<10	<10	<100	<10,000	<1,000	<10	<10
05/12/03	580	<10	<10	<10	<100	<10,000	<1,000	<10	<10	
08/11/03	660	<12	<12	<12	<120	<12,000	<1,200	<12	<12	
01/09/04	590	<1.0	<1.0	<1.0	<1.0	<1,000	<50	<0.5	<0.5	
04/14/04	730	<1.0	<1.0	<1.0	<1.0	<1,000	<50	<0.5	<0.5	

TABLE 3
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-3N	05/20/02	1,500	<25	<25	<25	<250	<25,000	<2,500	<25	<25
	08/01/02	540	<10	<10	14	<100	<10,000	<1,000	<10	<10
	11/11/02	270	<5.0	<5.0	7.1	<50	<5,000	<500	<5.0	<5.0
	02/12/03	410	<5.0	<5.0	<5.0	<50	<5,000	<500	<5.0	<5.0
	05/12/03	360	<6.2	<6.2	<6.2	<62	<6,200	<620	<6.2	<6.2
	08/11/03	280	<5.0	<5.0	<5.0	<50	<5,000	<500	<5.0	<5.0
	01/09/04	230	<1.0	<1.0	2.5	<10	<1,000	<50	<0.5	<0.5
04/14/04	220	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5	
MW-4	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	120,000	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	11/06/00†	120,000	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	02/22/01	150,000	<2,500	<2,500	<2,500	<13,000	<500,000	<130,000	<2,500	<2,500
	05/07/01	200,000	<5,000	<5,000	<5,000	<25,000	<2,500,000	<250,000	<5,000	<5,000
	08/22/01	190,000	<5,000	<5,000	<5,000	<25,000	NA	NA	<5,000	<5,000
	11/04/01	170,000	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	02/15/02	160,000	<2,500	<2,500	<2,500	<12,500	<1,250,000	<125,000	<2,500	<2,500
	05/20/02	130,000	<1,700	<1,700	<1,700	<17,000	<2,500,000	<170,000	<1,700	<1,700
	08/01/02	100,000	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
	11/11/02	84,000	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
	02/12/03	70,000	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
	05/12/03	86,000	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
	08/11/03	74,000	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
01/09/04	50,000	<1.0	<1.0	85	<10	<1,000	<50	<0.5	<0.5	
04/14/04	27,000	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5	

TABLE 3
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-5	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	42,000	<1,000	<1,000	<1,000	<5,000	NA	NA	<1,000	<1,000
	02/22/01	39,000	<500	<500	<500	<2,500	<100,000	<25,000	<500	<500
	05/07/01	59,000	<1,000	<1,000	<1,000	<5,000	<500,000	<50,000	<1,000	<1,000
	08/22/01	70,000	<1,000	<1,000	<1,000	<5,000	NA	NA	<1,000	<1,000
	11/04/01	37,000	<1,000	<1,000	<1,000	<5,000	NA	NA	<1,000	<1,000
	02/15/02	33,000	<1,250	<1,250	<1,250	<6,250	<625,000	<62,500	<1,250	<1,250
	05/20/02	28,000	<500	<500	<500	<5,000	<500,000	<50,000	<500	<500
	08/01/02	24,000	<500	<500	<500	<5,000	<500,000	<50,000	<500	<500
	11/11/02	8,800	<200	<200	<200	10,000	<200,000	<20,000	<200	<200
	02/12/03	3,200	<100	<100	<100	4,100	<100,000	<10,000	<100	<100
	05/12/03	21,000	<500	<500	<500	5,200	<500,000	<50,000	<500	<500
	08/11/03	1,700	<50	<50	<50	14,000	<50,000	<5,000	<50	<50
	01/09/04	1,500	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
04/14/04	430	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5	

TABLE 3
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-6	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	27,000	<630	<630	<630	<3,200	NA	NA	<630	<630
	02/22/01	8,000	<100	<100	<100	<500	<20,000	<5,000	<100	<100
	05/07/01	40,000	<500	<500	<500	<2,500	<250,000	<25,000	<500	<500
	08/22/01	8,800	<200	<200	<200	<1,000	NA	NA	<200	<200
	11/04/01	17,000	<250	<250	<250	<1,300	NA	NA	<250	<250
	02/15/02	26,000	<1,000	<1,000	<1,000	<5,000	<500,000	<50,000	<1,000	<1,000
	05/20/02	37,000	<500	<500	<500	<5,000	<500,000	<50,000	<500	<500
	08/01/02	9,100	<170	<170	<170	3,800	<170,000	<17,000	<170	<170
	11/11/02	11,000	<250	<250	<250	8,600	<250,000	<25,000	<250	<250
	02/12/03	8,300	<120	<120	<120	4,600	<120,000	<12,000	<120	<120
	05/12/03	29,000	<500	<500	<500	8,700	<500,000	<50,000	<500	<500
	08/11/03	2,300	<100	<100	<100	27,000	<100,000	<10,000	<100	<100
	01/09/04	690	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
04/14/04	190	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5	

TABLE 3
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-7	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	920,000	<13,000	<13,000	<13,000	<63,000	NA	NA	<13,000	<13,000
	02/22/01	460,000	<5,000	<5,000	<5,000	<2,500	<1,000,000	<250,000	<5,000	<5,000
	02/22/01†	500,000	<5,000	<5,000	<5,000	<25,000	<1,000,000	<250,000	<5,000	<5,000
	05/07/01	520,000	<5,000	<5,000	<5,000	<2,500	<2,500,000	<250,000	<5,000	<5,000
	05/07/01†	500,000	<5,000	<5,000	<5,000	<25,000	<2,500,000	<5,000	<5,000	<5,000
	08/22/01	250,000	<5,000	<5,000	<5,000	<25,000	NA	NA	<5,000	<5,000
	11/04/01	180,000	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	02/15/02	200,000	<5,000	<5,000	<5,000	<25,000	<2,500,000	<250,000	<5,000	<5,000
	02/15/02†	200,000	<5,000	<5,000	<5,000	<25,000	<2,500,000	<250,000	<5,000	<5,000
	05/20/02	220,000	<5,000	<5,000	<5,000	<50,000	<5,000,000	<500,000	<5,000	<5,000
	08/01/02	150,000	<2,500	<2,500	<2,500	<25,000	<2,500,000	<250,000	<2,500	<2,500
	11/11/02	77,000	<1,200	<1,200	<1,200	<12,000	<1,200,000	<120,000	<1,200	<1,200
	02/12/03	110,000	<1,700	<1,700	<1,700	<17,000	<1,700,000	<170,000	<1,700	<1,700
	05/12/03	220,000	<5,000	<5,000	<5,000	<5,000	<5,000,000	<500,000	<5,000	<5,000
	08/11/03	140,000	<5,000	<5,000	<5,000	<5,000	<5,000,000	<500,000	<5,000	<5,000
01/09/04	120,000	<1.0	<1.0	900	<10	<1,000	<50	<0.5	420	
04/14/04	220,000	<1.0	<1.0	660	<10	<1,000	<50	<0.5	400	

TABLE 3
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-8	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	76,000	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	02/22/01	130,000	<2,000	<2,000	<2,000	<10,000	<400,000	<100,000	<2,000	<2,000
	05/07/01	120,000	<2,500	<2,500	<2,500	<13,000	<1,300,000	<13,000	<2,500	<2,500
	08/22/01	86,000	<1,700	<1,700	<1,700	<8,500	NA	NA	<1,700	<1,700
	11/04/01	49,000	<2,500	<2,500	<2,500	<13,000	NA	NA	<2,500	<2,500
	02/15/02	91,000	<2,500	<2,500	<2,500	<12,500	<1,250,000	<125,000	<2,500	<2,500
	05/20/02	86,000	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	08/01/02	67,000	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	11/11/02	51,000	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	02/12/03	51,000	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	05/12/03	60,000	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	08/11/03	42,000	<1,000	<1,000	<1,000	<10,000	<1,000,000	<100,000	<1,000	<1,000
	01/09/04	50,000	<1.0	<1.0	160	<10	<1,000	<50	<0.5	<0.5
	04/14/04	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-9	08/30/00	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/06/00	220	<25	<25	<25	<125	NA	NA	<5.0	<5.0
	02/22/01	160	<2.0	<2.0	<2.0	<1.0	<400	<100	<2.0	<2.0
	05/07/01	150	<2.5	<2.5	<2.5	<13	<1,300	<130	<2.5	<2.5
	08/22/01	120	<5.0	<5.0	<5.0	<25	NA	NA	<5.0	<5.0
	11/04/01	120	<5.0	<5.0	<5.0	<25	NA	NA	<5.0	<5.0
	02/15/02	98	<2.5	<2.5	<2.5	<12.5	<1,250	<125	<2.5	<2.5
	05/20/02	85	<2.5	<2.5	<2.5	<25	<2,500	<250	<2.5	<2.5
	08/01/02	84	<1.0	<1.0	<1.0	<10	<1,000	<100	<1.0	<1.0
	11/11/02	61	<2.5	<2.5	<2.5	<25	<2,500	<250	<2.5	<2.5
	02/12/03	50	<1.0	<1.0	<1.0	<10	<1,000	<100	<1.0	<1.0
	05/12/03	45	<1.0	<1.0	<1.0	<10	<1,000	<100	<1.0	<1.0
	08/11/03	42	<1.0	<1.0	<1.0	<10	<1,000	<100	<1.0	<1.0
	01/09/04	140	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
04/14/04	180	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5	
MW-10	08/01/02	1.1	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	11/11/02	0.7	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	02/12/03	<0.5	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	05/12/03	0.59	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	08/11/03	0.73	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	01/09/04	<1.0	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	04/14/04	<1.0	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5

TABLE 3
ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA Method 8260
Rinehart Oil, Inc. - Oakland Truck Stop
1107 5th Street, Oakland, California
(µg/l)

Well ID	Date	MTBE (8260)	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW-11	05/20/02	310	<5.0	<5.0	<5.0	<50	<5,000	<500	<5.0	<5.0
	08/01/02	65	<1.0	<1.0	<1.0	<10	<1,000	<100	<1.0	<1.0
	11/11/02	15	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	02/12/03	2.6	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	05/12/03	2.3	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	08/11/03	2.3	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
	01/09/04	<1.0	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
	04/14/04	<1.0	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
MCL		13	NE	NE	NE	12**	NE	NE	0.05	0.5

Notes:

†: Duplicate sample

Results are in units of micrograms per liter (µg/l)

NA: Not analyzed

NS: Not sampled

MTBE: Methyl tertiary butyl ether

8021/8260: EPA Method of analysis

DIPE: Di-isopropyl ether

ETBE: Ethyl tertiary butyl ether

TAME: Tertiary amyl methyl ether

TBA: Tertiary butyl alcohol

EDB: Ethylene dibromide (1,2-Dibromoethane)

1,2-DCA: 1,2-Dichloroethane

MCL: Primary Maximum Contaminant Level for Drinking Water in California

NE: No MCL has been established

** : Action Level, not MCL

APPENDIX A

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

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

REGIONAL GEOLOGIC/HYDROGEOLOGIC SETTING

The site is situated within the Coast Range Geomorphic province of California. This geomorphic province contains coastal foothills and mountains, which extends from the Tehachapi Mountains in the south to the Klamath Mountains in the north. The western and eastern boundaries of this province are composed of the Pacific Ocean and the Great Valley Province, respectively. The Franciscan complex is split into four major divisions which are identified as the Northern Coast Range, the Franciscan Block, the Diablo Range and the Nacimiento Block.

The site is located in 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 on low terraces and alluvial fans at an elevation of about 20 to 300 feet and consists of about 60 percent Urban land, 30 percent Danville soil and 10 percent other soils. Danville soil is a silty clay loam that formed in alluvium that derived mainly 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 subject property.

Based on datum 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 are shown on Figure 2.

Interim remedial action was performed during the UST removal addressing contaminated soil and ground water. Approximately 2,100 tons of contaminated soil was 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, pumping approximately 33,000 gallons into temporary storage tanks which were transported and disposed of. Approximately 1,700 tons of backfill was placed in the excavation.

Results of the soil samples taken during the excavation are not available.

SITE ASSESSMENT ACTIVITIES

In November 1996, ground water monitoring wells MW-1 through MW-3 were installed to a depth of 20 feet to assess contamination from an unauthorized release of fuel, which was fixed as soon as it was discovered. Product recovery sumps equipped with skimmers were installed in the wells and approximately six 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 in August 2000. Contamination was detected in each of the wells and free product was sometimes evident in well MW-7.

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

In July 2002, several soil borings were advanced to a total depth between five and eight feet, to determine if contamination was migrating offsite along preferential pathways such as utility trenches. Sample results indicated high MTBE concentrations ranging from 170,000 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.

A passive skimmer was placed inside monitoring well MW-7 in January 2003 to remove free product.

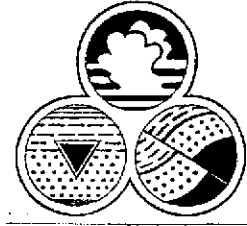
During monitoring activities in April 2004, free-product was noted in MW-8. The passive skimmer from MW-7 was moved to MW-8 to remove the free-product.

APPENDIX B

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Ground Water Depth & Dissolved Oxygen Field Log

Project: Oakland truck stop

Date: 4-14-04

Field Personnel: KL
CP

Page: 1 of 1

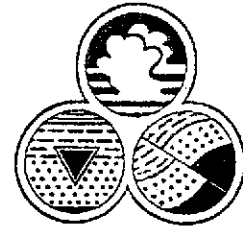
Well ID.	Time	Casing Elevation	Depth To Water	Ground Water Elevation	Actual Depth	Screened Depth	Dissolved Oxygen		
							MG/L	%	°C
MW-1	0955	10.34	6.45	3.89	17.70	20			
3N	0926	11.67	4.01	7.66	11.60	12			
4	0940	10.46	4.04	6.42	19.90	20			
5	0944	10.24	3.15	7.09	14.35	20			
6	0931	10.62	3.40	7.22	14.60	20			
7	0937	11.69	6.40	5.29	19.10	20			
8	0950	10.06	3.45	6.61	18.66	20			
9	0953	10.03	3.65	6.38	19.80	20			
10	0920	11.07	2.05	9.02	11.20	12			
11	0922	9.64	5.73	3.91	12.04	12			

Notes: _____

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Monitoring Well Field Log

Well Data

Project Name: Oakland Truck Stop		Project No.: AGE-NC-	Date: 4-14-04
Pre-Purge DTW: 6.45	Time: 0955	Well I.D.: MW-1	
Post-Purge DTW: 16.30	Time: 1205	Casing Diameter: 2" 4" 6" Gal./Ft.: 0.16 0.65 1.47	
Total Depth of Well: 17.70	Well Volume: 1.8	Sampler(s): KL (GP)	
Sample I.D.: MW-1 / 04.14.04	Sample Containers: 3 VOAS & 1 Amber		
Analysis: TPH-G, V, BTEX/S oxys/12 DCA+EDB			

Stabilization Data

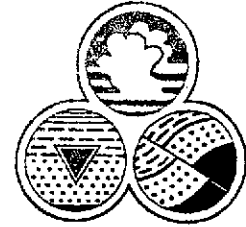
Time	Volume (gallons)	pH	Temp.	Cond μ S/cm X	Color/ Turbidity	Notes
1200	0	6.79	19.4	1774	clear	fuel smell
1202	2	6.80	19.4	1959	"	"
1204	4	6.80	19.3	330 μ S		
	5.50					
* Well drew down to 16.30 waiting for recharge						
Sampled at 1310 DTW at 8.01						

Purge Method:	Disposable barrier		
Sample Method:	-Same-		Well Integrity:
Sample Time:	1310		Dissolved O ₂ :

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Monitoring Well Field Log

Well Data

Project Name: Oakland Truck Stop		Project No.: AGE-NC-	Date: 4-14-04
Pre-Purge DTW: 4.01	Time: 0926	Well I.D.: MW-3N	
Post-Purge DTW: 8.10	Time: 1033	Casing Diameter: 2" 4" 6" Gal./Ft.: 0.16 0.65 1.47	
Total Depth of Well: 11.60	Well Volume: 1.21	Sample Containers: 3 VOAS & 1 Amber	
Sampler(s): KL (GP)	Analysis: TPH-G, V, BTEX/S OXUS/12 UCA+EDB		
Sample I.D.: MW-3N / 04.14.04			

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm X	Color/Turbidity	Notes
1025	0	6.71	19.0	1052	Clear	Evil smell sheet
1027	1	6.71	18.9	1074	"	"
1029	2	6.72	18.3	1037	"	"
1032	3.75	6.71	18.6	1058	"	"
Well drew down to 8.10 waiting for recharge						
Well back up to 6.40						

Purge Method:	Disposable barrier		
Sample Method:	-Same-		Well Integrity:
Sample Time:	11.49		Dissolved O ₂ :

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Monitoring Well Field Log

Well Data

Project Name: Oakland Truck Stop		Project No.: AGE-NC-	Date: 4-14-04
Pre-Purge DTW: 4.04	Time: 0940	Well I.D.: MW-4	
Post-Purge DTW: 19.10	Time: 1052	Casing Diameter: 2" 4" 6" Gal./Ft.: 0.16 0.65 1.47	
Total Depth of Well: 19.90	Well Volume: 253	Sample Containers: 3 VOAS & 1 Amber	
Sampler(s): KL (GP)	Analysis: TPH-G, V, BTEX/S OXYS/1/2 OCTHED		
Sample I.D.: MW-4 / 04.14.04			

Stabilization Data

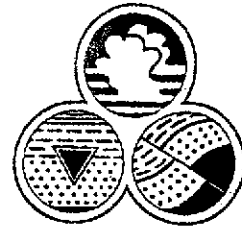
Time	Volume (gallons)	pH	Temp.	Cond μ S/cm X	Color/Turbidity	Notes
1045	0	6.70	19.5	1466	Clear	foul smell
1048	3	6.70	19.1	1427	"	"
* 1051	6	6.70	18.9	1546	"	"
	7.75					
* Well drew down to 19.10 waiting for recharge						
recharge and Sampled at 7.75						

Purge Method:	Disposable barrier		
Sample Method:	- Same -		Well Integrity:
Sample Time:	1140		Dissolved O ₂ :

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Monitoring Well Field Log

Well Data

Project Name: Oakland Truck Stop		Project No.: AGE-NC-	Date: 4-14-04
Pre-Purge DTW: 3.15	Time: 0944	Well I.D.: MW-5	
Post-Purge DTW: 3.25	Time: 1227	Casing Diameter: 2" 4" 6" Gal./Ft.: 0.16 0.65 1.47	
Total Depth of Well: 14.35	Well Volume: 1.77	Sample Containers: 3 VOAS & 1 Amber	
Sampler(s): KL GP		Analysis: TPH-G, D, BTEX/S oxys/12 UCA+EDB	
Sample I.D.: MW-5 / 04.14.04			

Stabilization Data

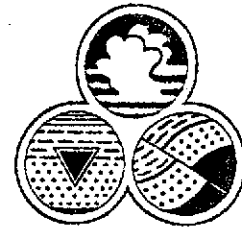
Time	Volume (gallons)	pH	Temp.	Cond μ S/cm X	Color/Turbidity	Notes
1220	0	6.80	19.3	819	clear	Slightly Shuen
1222	2	6.80	19.1	895	"	"
1224	4	6.80	19.1	885	"	"
1226	5.50	6.80	19.1	872	"	"

Purge Method:	Disposable barrier		
Sample Method:	- Same -		Well Integrity:
Sample Time:	1235		Dissolved O ₂ :

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Monitoring Well Field Log

Well Data

Project Name: Oakland Truck Stop		Project No.: AGE-NC-	Date: 4-14-04
Pre-Purge DTW: 3.40	Time: 0930	Well I.D.: MW-6	
Post-Purge DTW: 3.43	Time: 1123		
Total Depth of Well: 14.60	Well Volume: 1.79	Casing Diameter: 2" 4" 6"	Gal./Ft.: 0.16 0.65 1.47
Sampler(s): (IKL) GP	Sample Containers: 3 VOAS & 1 Amber		
Sample I.D.: MW-6 / 04.14.04	Analysis: TPH-G, D / BTEX / 5 oxys / 12 UCA + EDB		

Stabilization Data

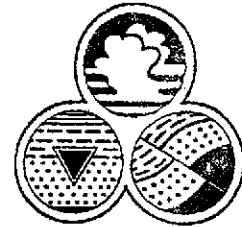
Time	Volume (gallons)	pH	Temp.	Cond μ S/cm X	Color/ Turbidity	Notes
1115	0	6.91	19.7	568	cloudy	No odor
1118	2	6.95	19.7	544	"	"
1120	4	6.96	19.8	520	"	"
1122	5.50	6.91	19.8	529	"	"

Purge Method:	Disposable barrier		
Sample Method:	- Same -		Well Integrity:
Sample Time:	1124		Dissolved O ₂ :

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Monitoring Well Field Log

Well Data

Project Name: Oakland Truck Stop		Project No.: AGE-NC-	Date: 4-14-04
Pre-Purge DTW: 6.40	Time: 0937	Well I.D.: MW-7	
Post-Purge DTW: 7.52	Time: 1050	Casing Diameter: 2" 4" 6" Gal./Ft.: 0.16 0.65 1.47	
Total Depth of Well: 19.10	Well Volume: 2.03	Sample Containers: 3 VOAS & 1 Amber	
Sampler(s): (KL) GP	Analysis: TPH-G, D/BTEX/S oxys/1/2 DC+EDB		
Sample I.D.: MW-7 / 04.14.04			

Stabilization Data

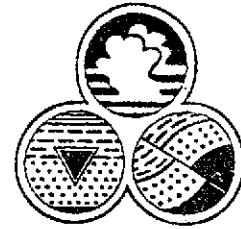
Time	Volume (gallons)	pH	Temp.	Cond μ S/cm X	Color/Turbidity	Notes
1037	0	7.04	19.3	620	cloudy	spotty sheen
1040	2	6.86	19.4	656	"	"
1044	4	6.83	19.2	647	"	"
1047	6.25	6.80	19.3	642	"	"

Purge Method:	Disposable barrier		
Sample Method:	- Same -		Well Integrity:
Sample Time:	1051		Dissolved O ₂ :

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Monitoring Well Field Log

Well Data

Project Name: Oakland Truck Stop		Project No.: AGE-NC-	Date: 4-14-04
Pre-Purge DTW: 3.45	Time: 0950	Well I.D.: MW-8	
Post-Purge DTW:	Time:	Casing Diameter: 2" 4" 6" Gal./Ft.: 0.16 0.65 1.47	
Total Depth of Well: 18.66	Well Volume: 2.43	Sample Containers: 3 VOAS & 1 Amber	
Sampler(s): IKL GP	Sample I.D.: MW-8 / 04.14.04		
		Analysis: TPH-G, V, BTEX/S OXUS/12 VCA+EDR	

Stabilization Data

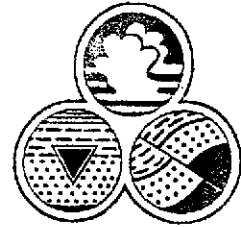
Time	Volume (gallons)	pH	Temp.	Cond μ S/cm X	Color/ Turbidity	Notes
	0					
	3					
	6					
	8					
						- Found free product in well that the interface probe did not detect.
						- Bailer showed about 3/4" of product
						- Bailed off 4 gal. until free product was all gone.
						- Took the skimmer from MW-7 and put it in MW-8

Purge Method:	Disposable bailer		
Sample Method:	- Same -	Well Integrity:	
Sample Time:		Dissolved O ₂ :	

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Monitoring Well Field Log

Well Data

Project Name: Oakland Truck Stop		Project No.: AGE-NC-	Date: 4-14-04
Pre-Purge DTW: 3.65	Time: 0953	Well I.D.: MW-9	
Post-Purge DTW: 14.46	Time: 1225	Casing Diameter: 2" 4" 6" Gal./Ft.: 0.16 0.65 1.47	
Total Depth of Well: 19.80	Well Volume: 2.58	Sampler(s): (KL) GP	
Sample I.D.: MW-9 / 04.14.04		Sample Containers: 3 VOAS & 1 Amber	
		Analysis: TPH-G, V, BTEX/S oxys/1/2 UCH+EDB	

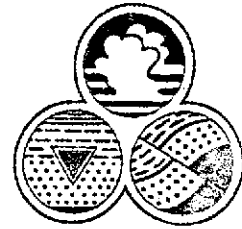
Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm X	Color/Turbidity	Notes
1213	0	6.59	19.2	767	semi cloudy	No odor
1217	3	6.69	19.0	775	"	"
1221	6	6.68	18.8	814	"	"
1224	8	6.66	19.1	859	"	"
- Draw down to (14.46) waiting for recharge to sample						
- DTW at (4.33) at time of sample						

Purge Method:	Disposable bailer		
Sample Method:	- Same -		Well Integrity:
Sample Time:	1324		Dissolved O ₂ :

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Monitoring Well Field Log

Well Data

Project Name: Oakland Truck Stop		Project No.: AGE-NC-	Date: 4-14-04
Pre-Purge DTW: 2.05	Time: 0920	Well I.D.: MW-10	
Post-Purge DTW: 2.5	Time: 1011		
Total Depth of Well: 12	Well Volume: 1.59	Casing Diameter: 2" 4" 6" Gal./Ft.: 0.16 0.65 1.47	
Sampler(s): KL GP	Sample Containers: 3 VOAS & 1 Amber		
Sample I.D.: MW-10 / 04.14.04	Analysis: TPH-G, V, BTEX/S OXYS/12 OCA+EDB		

Stabilization Data

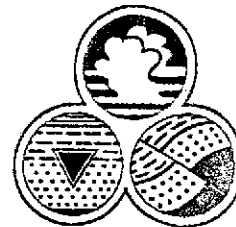
Time	Volume (gallons)	pH	Temp.	Cond μ S/cm	Color/Turbidity	Notes
1000	0	6.67	17.3	714	Clayey BROWN	odorless
1003	2	6.68	17.4	599	BROWN	"
1006	4	6.70	17.1	586	"	"
1010	5	6.75	17.2	574	"	"

Purge Method:	Disposable bailer		
Sample Method:	- Same -		Well Integrity:
Sample Time:	1015		Dissolved O ₂ :

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Monitoring Well Field Log

Well Data

Project Name: Oakland Truck Stop		Project No.: AGE-NC-	Date: 4-14-04
Pre-Purge DTW: 5.73	Time: 0922	Well I.D.: MW-11	
Post-Purge DTW: 11.05	Time: 1009	Casing Diameter: 2" 4" 6" Gal./Ft.: 0.16 0.65 1.47	
Total Depth of Well: 12.04	Well Volume: 1.00	Sample Containers: 3 VOAS & 1 Amber	
Sampler(s): (KL) GP	Analysis: TPH-G, D/BTEX/S oxys/1/2 UCA+EDA		
Sample I.D.: MW-11 / 04.14.04			

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond μ S/cm X	Color/Turbidity	Notes
1003	0	6.42	18.7	846	clear	No odor
1005	1	6.52	18.6	805	cloudy	"
1007	2	6.65	18.5	822	"	"
	3.25					
- Drew down to 11.05 waiting for recharge to sample						
- DTW at 5.75 at time of sample						

Purge Method:	Disposable barrier		
Sample Method:	- Same -		Well Integrity:
Sample Time:	1150		Dissolved O ₂ :

APPENDIX C

CAL TECH Environmental Laboratories



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

ANALYTICAL RESULTS*

CTEL Project No: CT214-0404116
Client Name: Advanced Geo Environmental, Inc.
 837 Shaw Road
 Stockton, CA 95215
Attention: Mr. Bob Marty

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

Project ID:
Project Name: Oakland Truck Stop

Date Sampled: 04/14/04 @ 13:10 p.m.
Date Received: 04/15/04 @ 09:00 am
Date Analyzed: 04/19/04

Matrix: Water

Laboratory ID:	0404-116-1	0404-116-2	0404-116-3	Method	Units:	Detection Limit
Client Sample ID:	MW1	MW3N	MW4			
Dilution	1	1	10			
TPH - Gasoline	730	230	27000	EPA 8015M	ug/L	50
TPH - Diesel	ND	ND	ND<0.05	EPA 8015M	mg/L	0.05
VOC, 8260B						
Dilution	1-5	1	1-100			
Methyl-tert-butyl-ether(MtBE)	730	220	27000	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND<10	ND	ND<10	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND<1	ND	ND<1	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND<1	ND	ND<1	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND<1	ND	ND<1	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND<0.5	ND	ND<0.5	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND<0.5	ND	ND<0.5	SW846 8260B	ug/L	0.5
Benzene	ND<0.5	ND	ND<0.5	SW846 8260B	ug/L	0.5
Toluene	ND<0.5	ND	ND<0.5	SW846 8260B	ug/L	0.5
Ethylbenzene	ND<0.5	ND	ND<0.5	SW846 8260B	ug/L	0.5
m,p-Xylene	ND<0.6	ND	ND<0.6	SW846 8260B	ug/L	0.6
o-Xylene	ND<0.6	ND	ND<0.6	SW846 8260B	ug/L	0.6
Ethanol	ND<50	ND	ND<50	SW846 8260B	ug/L	50
Methanol	ND<1000	ND	ND<1000	SW846 8260B	ug/L	1000

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	127	116	110	70-130
1,2 Dichloroethaned4	129	115	123	70-130
Toluene-d8	91	97	94	70-130
Bromofluorobenzene	91	93	91	70-130

CTEL Project No: CT214-0404116
Client Name: Advanced Geo Environmental, Inc.
 837 Shaw Road
 Stockton, CA 95215
Attention: Mr. Bob Marty

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

Project ID:
Project Name: Oakland Truck Stop

Date Sampled: 04/14/04 @ 11:24 am
Date Received: 04/15/04 @ 09:00 am
Date Analyzed: 04/19/04

Matrix: Water

Laboratory ID:	0404-116-4	0404-116-5	0404-116-6	Method	Units:	Detection Limit
Client Sample ID:	MW6	MW7	MW5			
Dilution	1	10-100	1			
TPH - Gasoline	200	330000	500	EPA 8015M	ug/L	50
TPH - Diesel	ND	22	ND	EPA 8015M	mg/L	0.05
VOC, 8260B						
Dilution	1	1-500	1-10			
Methyl-tert-butyl-ether(MtBE)	190	220000	430	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND<10	ND<10	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	ND<1	ND<1	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND<1	ND<1	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND	660	ND<1	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	400	ND<0.5	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	ND<0.5	ND<0.5	SW846 8260B	ug/L	0.5
Benzene	ND	23000	20	SW846 8260B	ug/L	0.5
Toluene	ND	300	ND<0.5	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	1900	ND<0.5	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	5300	ND<0.6	SW846 8260B	ug/L	0.6
o-Xylene	ND	300	ND<0.6	SW846 8260B	ug/L	0.6
Ethanol	ND	ND<50	ND<50	SW846 8260B	ug/L	50
Methanol	ND	ND<1000	ND<1000	SW846 8260B	ug/L	1000

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	120	119	114	70-130
1,2 Dichloroethaned4	120	121	119	70-130
Toluene-d8	91	99	89	70-130
Bromofluorobenzene	91	98	94	70-130

CTEL Project No: CT214-0404116
Client Name: Advanced Geo Environmental, Inc.
 837 Shaw Road
 Stockton, CA 95215
Attention: Mr. Bob Marty

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

Project ID:
Project Name: Oakland Truck Stop

Date Sampled: 04/14/04 @ 13:24 p.m.
Date Received: 04/15/04 @ 09:00 am
Date Analyzed: 04/19/04

Matrix: Water

Laboratory ID:	0404-116-7	0404-116-8	0404-116-9	Method	Units:	Detection Limit
Client Sample ID:	MW9	MW10	MW11			
Dilution	1	1	1			
TPH - Gasoline	180	ND	ND	EPA 8015M	ug/L	50
TPH - Diesel	ND	ND	ND	EPA 8015M	mg/L	0.05
VOC, 8260B						
Dilution	1	1	1			
Methyl-tert-butyl-ether(MtBE)	180	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
Ethanol	ND	ND	ND	SW846 8260B	ug/L	50
Methanol	ND	ND	ND	SW846 8260B	ug/L	1000

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	121	113	122	70-130
1,2 Dichloroethaned4	130	106	106	70-130
Toluene-d8	86	101	94	70-130
Bromofluorobenzene	96	93	92	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: 4/19/04

Units: ug/L

Perimeters	LSC	LCSD	Spike Added	LCS % Rec.	LCSD % Rec.	Limits	RPD
TPH - Gasoline	1049	1034	1000	105	103	60-140	2
TPH - Diesel	1089	1040	1000	109	104	60-140	5

Perimeters	Blank	Limits	RPD
TPH - Gasoline	0	60-140	
TPH - Diesel	0	60-140	

LCS: Laboratory Control Standard

LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

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: 4/19/04

Units: ug/L

Perimeters	LSC	LCSD	Spike Added	LCS % Rec.	LCSD % Rec.	Limits	RPD
1,1-Dichloroethene	41	40	50	82	80	60-140	2
Benzene	49	45	50	98	90	60-140	8
Trichloroethene	46	42	50	92	84	60-140	9
Toluene	47	44	50	94	88	60-140	6
Chlorobenzene	50	47	50	100	94	60-140	6
m,p-Xylenes	97	90	100	97	90	60-140	7

LCS: Laboratory Control Standard

LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

Perimeters	Blank	Limits	RPD
1,1-Dichloroethene	0	70-130	
Benzene	0	70-130	
Trichloroethene	0	70-130	
Toluene	0	70-130	
Chlorobenzene	0	70-130	
m,p-Xylenes	0	70-130	



Advanced
GeoEnvironmental, Inc.

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

CHAIN OF CUSTODY RECORD

Date 04/14/04 Page 1 of 2

04-116

Client Reed Reinhart Project Manager Bob Marty Tests Required

Phone Number
467 1006

Samplers: (Signature)

Project Name Oakland Truck Stop

Guillermo P.

Invoice:

AGE
Client

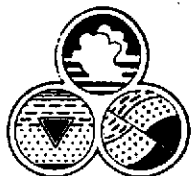
Sample Number	Location Description	Date	Time	Sample Type			Solid	No. of Conts.	Notes								
				Water		Air			TPH-9	BTEX	Steel	oxys	U2	DCAT	EDDB	METHANOL	ETHANOL
				Comp.	Grab.												
MW1/041404	MW 1	041404	1310					4									
MW3N/041404	MW 3N	"	1149					1									
MW4/041404	MW 4	"	1140					1									
MW6/041404	MW 6	"	1124					1									
MW7/041404	MW 7	"	1051 1235					1									
MW5/041404	MW 5	"	1235					1									
MW9/041404	MW 9	"	1324					1									

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		04/14/04 1600
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:
		Stat. R. Y. [Signature]
		4-17-04/9:00

Method of Shipment: Cal overnight Laboratory Name: Cal Tech

Special Instructions: Need "EDF" I hereby authorize the performance of the above indicated work.

Guillermo P.



Advanced
GeoEnvironmental, Inc.

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

CHAIN OF CUSTODY RECORD

Date 04/14/04 Page 2 of 2

04-116

Client Reed Reinhart Project Manager Bob Marty Tests Required

Phone Number 467 1006

Samplers: (Signature) Gullerud Pz

Project Name Oakland Truck Stop

Invoice:
AGE
Client

Sample Number	Location Description	Date	Time	Sample Type			Solid	No. of Conts.	Tests Required							Notes
				Water		Air			TPH-3rd	BTEX	SOLVENTS	12-DCATENS	METHANOL	ETHANOL		
				Comp.	Grab.											
MW10/041404	MW10	041404	1015		/			4	/	/	/	/	/			
MW11/041404	MW11	041404	1150		/			4	/	/	/	/	/			

Relinquished by: (Signature) <u>Gullerud Pz</u>	Received by: (Signature)	Date/Time <u>04/14/04 1600</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>Stat</u> <u>R. Johari</u> Laboratory Name <u>Cal Tech</u>
Method of Shipment: <u>Cal overnight</u>		Date/Time <u>4-15-04/9:00</u>

Special Instructions: Need "EDF"

I hereby authorize the performance of the above indicated work.

Gullerud Pz

APPENDIX D

Electronic Submittal Information

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 [Check EDD](#)

Your EDF file has been successfully uploaded!

Confirmation Number: 7285172641
Date/Time of Submittal: 10/13/2004 11:01:42 AM
Facility Global ID: T0600102136
Facility Name: RINO PACIFIC OAKLAND TRUCKSTOP
Submittal Title: 2nd Qtr 2004
Submittal Type: GW Monitoring Report

[Click here](#) to view the detections report for this upload.

RINO PACIFIC OAKLAND TRUCKSTOP 1107 5TH ST OAKLAND, CA 94607	Regional Board - Case #: 01-2322 SAN FRANCISCO BAY RWQCB (REGION 2) - (BG) Local Agency (lead agency) - Case #: 922 ALAMEDA COUNTY LOP - (BC)
---	--

CONF # 7285172641	TITLE 2nd Qtr 2004	QUARTER Q2 2004
SUBMITTED BY Christopher Miller	SUBMIT DATE 10/13/2004	STATUS PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	9
# FIELD POINTS WITH DETECTIONS	7
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	7
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FAB,M8015
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FAB REQUIRES XYLENES TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	N
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	N

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as AGE-STOCKTON (AUTH_RP)

CONTACT SITE ADMINISTRATOR

Electronic Submittal Information Main Menu View/Add Facilities Upload EDD Check EDD	
UPLOADING A GEO_WELL FILE	
Processing is complete. No errors were found! Your file has been successfully submitted!	
Submittal Title:	Rinehart Truckstop Oakland 2nd Qtr 2004
Submittal Date/Time:	10/13/2004 11:00:38 AM
Confirmation Number:	2227512955
Back to Main Menu	

Logged in as AGE-STOCKTON (AUTH_RP)

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