Rec'd 12/27/05

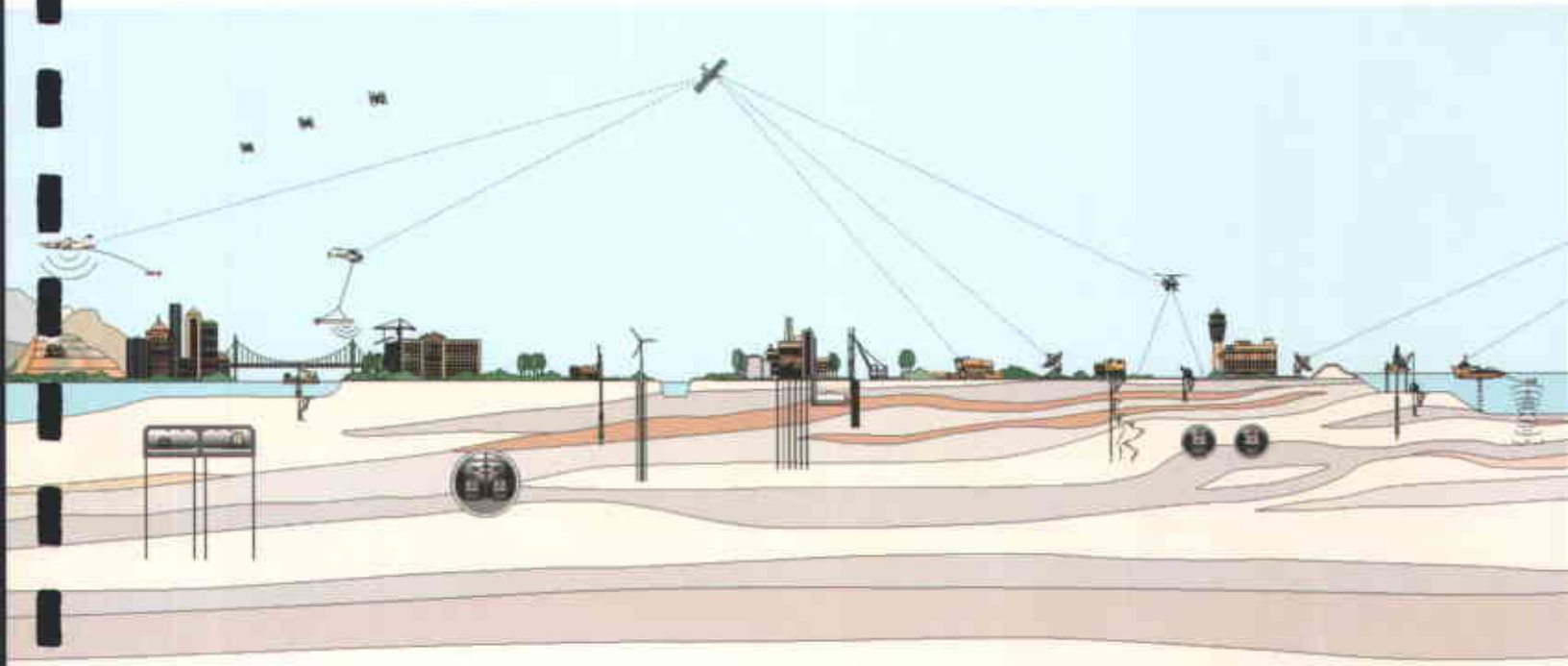
FUGRO WEST, INC.

GROUNDWATER MONITORING REPORT
SUMMER 2005 QUARTERLY EVENT AND
FALL 2005 ANNUAL EVENT
TOXIC CASE NO. R02492
NINTH AVENUE TERMINAL
OAKLAND, CALIFORNIA

Prepared for:
PORT OF OAKLAND

DECEMBER 2005

Project No. 133.023



PORT OF OAKLAND

December 20, 2005

Mr. Barney Chan
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: **Transmittal of Annual Groundwater Monitoring Report and Summer 2005 Quarterly Event**
TOXIC Case No. R02492 Ninth Avenue Terminal

Dear Mr. Chan:

As required by your July 22, 2004 letter, enclosed please find the Port of Oakland's annual groundwater monitoring report (including summer 2005 quarterly sampling) for the Ninth Avenue Terminal prepared by Fugro West, Inc. The next groundwater monitoring report will be submitted in approximately six months containing the groundwater monitoring results from SCIMW-7 (sampled quarterly), SCIMW-24 (sampled semi-annually), and MW-6 which could not be accessed previously.

If you have any questions, contact me at 510-627-1467.

Sincerely,

Diane Heinze, P.E.
Associate Port Environmental Scientist

Encl: 2005 Annual Groundwater Monitoring Report

Cc: w/encl:
Barbara Cook, DTSC
Alan Notary, Brown and Caldwell
Robert Edwards, Zurich
Phil King, Bates, Meckler, Bulger & Tilson
Jonathon Redding, Wendel, Rosen, Black and Dean
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Lydia Huang, BASELINE Environmental
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FUGRO WEST, INC.

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December 19, 2005
Project No. 133.023

Environment & Safety Department
Port of Oakland
530 Water Street, Second Floor
Oakland, California 94607-2064

Attention: Ms. Diane Heinze

Subject: Groundwater Monitoring Program Report, Summer 2005 Quarterly Event and Fall 2005 Annual Event
Ninth Avenue Terminal, Oakland, California

Dear Ms. Heinze:

With this report, Fugro West, Inc., (Fugro) presents the results of the 2005 summer quarterly and fall annual groundwater monitoring events conducted at the Ninth Avenue Terminal (Site). The location of the Site is shown on Plate 1. Previous investigations indicate that petroleum hydrocarbons, as well as other chemicals have impacted soil and groundwater at the Site. Groundwater monitoring has been performed at the Site since 1993.

MONITORING ACTIVITIES

The current groundwater monitoring program, as approved by the Alameda County Environmental Health Care Services Agency (ACEH) in their letter dated July 22, 2004, (Appendix A) is outlined in the attached Table 1. In general, water levels are to be measured in all existing wells on an annual basis and selected wells are to be checked for the presence of free-floating product. The majority of wells are to be sampled and analytically tested on an annual basis, one well is sampled quarterly (SCIMW-7) and one well is sampled semi-annually (SCIMW-24).

The summer quarterly event commenced on July 19, 2005, and comprised groundwater level measurement and sampling of well SCIMW-7. The annual event was conducted from October 4 through October 10, 2005. During the annual event, the depth to water was measured with an electronic well sounder from below the top of the casing in all active wells. Groundwater level measurements were obtained from the tidally influenced wells[1] first, to minimize any potential discrepancies in elevation between wells across the Site. A summary of the groundwater elevation measurements is presented in Table 2. Groundwater contours for the fall 2005 annual event are shown on Plate 2.

[1] Wells located along the Clinton and Brooklyn Basin shorelines have shown that they are tidally influenced.

No free-floating product was observed in well SCIMW-7 during the summer quarterly event. Free-floating product was observed in well MW-4 (2 inches), well SCIMW-3 (trace), well SCIMW-24 (trace), and the "oil filled" manhole (trace) during the fall 2005 annual event. The presence/absence of free-floating product in well MW-6 was not checked during the fall annual event because access to the well was blocked by a vehicle. Fugro will attempt to check well MW-6 for the presence/absence of free-floating product during the winter 2006 quarterly event.

It is Fugro's field protocol to immediately remove free product when observed in wells during sampling events. Fugro personnel used disposable bailers to remove approximately 15 gallons of a water and free product mixture from wells MW-4, SCIMW-3, SCIMW-24 and the "oil filled" manhole during the fall 2005 annual event. The mixture was placed in a 55-gallon drum and temporarily stored onsite pending removal by a port contractor.

A water sample was not obtained from well MW-4 during the fall annual event due to the presence of free-floating product. A free-floating product sample was collected from well MW-4 for analysis as required by ACEH. The free product data is presented in Table 2.

Well SCIMW-7 was purged and sampled using a disposable bailer during the summer 2005 quarterly event, and 23 of the onsite wells were purged and sampled using disposable bailers during the fall 2005 annual event. Fugro placed the water generated during purging into 55-gallon drums, which were temporarily stored onsite pending removal by a port contractor. Bailers were discarded after each use. The pH, temperature, Eh[2], TDS[3], and DO[4] measurements were recorded during purging. The wells were not considered purged until these environmental parameters had become reasonably stabilized. A Well Sampling Form was completed for each well sampled during these events. Well Sampling Forms are included in Appendix B.

Groundwater samples were obtained once the wells recharged to approximately 80 percent of the initial well volume. Samples were retained in pre-cleaned laboratory-supplied glass and polyethylene containers in accordance with EPA protocol. The sample containers were then placed into cooled chests and remained iced until delivery to the analytical laboratory under chain of custody.

ANALYTICAL TESTING PROGRAM AND RESULTS

Curtis & Tompkins, Ltd., (C&T) a State of California Department of Health Services certified analytical laboratory, conducted the chemical testing for the summer 2005 quarterly event described herein in accordance with the testing program (Table 1). Severn Trent. (STL), a State of California Department of Health Services certified analytical laboratory, conducted the

[2] Eh = Redox potential or oxidizing-reduction potential

[3] TDS = Total Dissolved Solids

[4] DO = dissolved oxygen. Initial DO readings were recorded down-hole.

chemical testing for the fall 2005 annual event, in accordance with the testing program (Table 1). Comprehensive groundwater analytical test results are presented in Tables 3 through 9. Petroleum hydrocarbon, chlorinated pesticide, VOC and metals concentrations are shown on Plates 3 and 4. Analytical test reports, chromatographs and chain-of-custody forms for the subject events are included in Appendix C. Specific test results are discussed in the following sections.

CHEMICAL DATA

Summer 2005 Quarterly Event - Chemical Results in Well SCIMW-7

- TVH as gasoline range was detected at 630 parts per billion (ppb).
- TEH as diesel range was not detected.
- TEH as motor oil range was not detected.
- The sample contained 180 ppb of benzene and 160 ppb of toluene.
- MTBE[5] was not detected.
- Chlorinated pesticide analysis detected 3.1 ppb 4-4'-DDD and 0.2 ppb 4-4'-DDE.
- The following VOCs were detected:
  - 340 ppb of chloroethane,
  - 1,100 ppb of 1,1 dichloroethane,
  - 95 ppb of dichloroethene,
  - 1,900 ppb of cis-1,2 dichloroethene,
  - 44 ppb of trans-1,2 dichloroethene,
  - 730 ppb of 1,1,1-trichloroethane,
  - 60 ppb of trichloroethane, and
  - 1,100 ppb of vinyl chloride.

Fall 2005 Annual Event - Chemical Results

- Analyses detected 960,000 parts per billion (ppb) of TEHd in the free-floating product sample from well MW-4. Analyses detected no other TVHg, TEHmo, BTEX, or MTBE compounds in the free product sample.

[5] Method 8260B was used to analyze for MTBE, with a detection limit of 17 ppb.

- TVH as gasoline range was not detected in samples from wells SCIMW-11, SCIMW-26, SCIMW-34, and SCIMW-35. TVH as gasoline range was detected in wells SCIMW-7 and SCIMW-24 at 28,000 ppb and 18,000 ppb, respectively.
- TEH as diesel range was not detected in wells MW-3, SCIMW-8, SCIMW-11, SCIMW-29, and SCIMW-35. TEH as diesel range was detected in wells MW-2, MW-5, SCIMW-2, SCIMW-3, SCIMW-7, SCIMW-9, SCIMW-13, SCIMW-15, SCIMW24, SCIMW-28, SCIMW-33, and SCIMW-34. TEH as diesel concentrations ranged from 58 ppb (MW-2) to 6,700 ppb (SCIMW-2).
- TEH as motor oil range was not detected in wells MW-2, MW-3, MW-5, SCIMW-3, SCIMW-7, SCIMW-8, SCIMW-9, SCIMW-11, SCIMW-13, SCIMW-15, SCIMW-28, SCIMW-29, SCIMW-33, SCIMW-34, and SCIMW-35. TEH as motor oil range was detected in wells SCIMW-2 and SCIMW24 at 1,100 ppb, and 3,600 ppb, respectively.
- BTEX was not detected in samples analyzed from wells SCIMW-7, SCIMW-11, SCIMW-22, SCIMW-28, SCIMW-30, SCIMW-31D, SCIMW-32, SCIMW-33, and SCIMW-35. The sample from well SCIMW-7 contained 2,400 ppb of benzene and 1,200 ppb of toluene. The sample from well SCIMW-24 contained 1,600 ppb of benzene, 30 ppb of toluene, and 59 ppb of xylenes.
- MTBE was not detected in samples analyzed from wells SCIMW-7, SCIMW-22, SCIMW-24, SCIMW-28, SCIMW-30, SCIMW-31D, SCIMW-32, and SCIMW-33.
- Chlorinated pesticide analyses detected 1.1 ppb 4-4'-DDD from well SCIMW-7, and 1.3 ppb 4-4'-DDD and 0.67 ppb 4,4-DDE from well SCIMW-33.
- No detectable concentrations of VOCs were measured in wells SCIMW-22, SCIMW-28, SCIMW-30, SCIMW-31D, SCIMW-32, and SCIMW-33.
- Well SCIMW-7 contained concentrations of the following VOCs:
  - chloroethane (1,900 ppb),
  - 1,1 dichloroethane (6,800 ppb),
  - cis-1,2 dichloroethene (16,000 ppb),
  - trans-1,2 dichloroethene (270 ppb),
  - 1,1,1-Trichloroethene (1,300 ppb), and
  - Vinyl Chloride (5,200 ppb).
- A filtered sample from well SCIMW-28 contained 19 ppb of antimony, 82 ppb of arsenic, 62 ppb of barium, 31 ppb of molybdenum, and 38 ppb of vanadium.

Tables 7, 8, and 9 include historic data for SVOCs, PNAs, and water quality ions, respectively. No samples were analyzed for these compounds/ions during this event, and no further testing of these analytes is included in the ongoing groundwater program. This data is presented herein to keep the historical analytical data for the Site intact.

GROUNDWATER QUALITY PARAMETER DATA

Table 6 presents groundwater quality parameter test results of samples from selected wells. Field measurements of pH, TDS, DO, Eh, and temperature are included in the table.

Summer 2005 Quarterly Event - Groundwater Quality Parameter Data in Well SCIMW-7

The initial down-hole pH reading was 6.56. This reading is higher when compared to the reading obtained during the previous event (4.51, April 2005).

The initial down-hole TDS reading was 19,100 milligrams per liter (mg/l). This TDS reading is higher than during the previous event (10,780 mg/l, April 2005).

The initial down-hole DO reading was 2.11 mg/l. The DO reading for this event was lower than during the previous event (2.34 mg/l, April 2005).

The initial down-hole Eh reading was 47.2 mV. This Eh reading is higher than during the previous event (-49.3 mV, April 2005).

The initial down-hole temperature reading was 18.62 °C. The temperature reading in this well was higher than during the previous event (16.38°C, April 2005).

Fall 2005 Annual Event - Groundwater Quality Parameter Data

Initial down-hole pH readings ranged between about 5.67 (SCIMW-28) and 6.73 (SCIMW-11). The readings for this event are considered within the normal range when compared to readings across the Site and appear similar to readings recorded over time.

TDS readings ranged from about 74 mg/L (SCIMW-31D) to 26,290 mg/L (SCIMW-13) during this event. In general, the TDS readings of the Site wells were higher than during the previous event (October 2004).

DO readings ranged from about 0.84 mg/L (SCIMW-31D) to 23.93 mg/L (SCIMW-26). In general, the DO readings of the Site wells were higher than during the previous even.

Eh readings ranged from approximately –374.6 mV (SCIMW-13) to 11.3 mV (SCIMW-35). In general, the Eh readings of the Site wells were lower than during the previous event (October 2004).

Temperature readings ranged from about 16.65°C (SCIMW-29) to 23.14°C (SCIMW-3). In general, the Temperature readings of the site wells were lower than during the previous event (October 2004).

WASTE DISPOSAL ACTIVITIES

On October 17, 2005, four drums containing purge water and/or product from groundwater monitoring activities, were removed from the Site. These drums were transported under a Uniform Hazardous Waste Manifest to an appropriate disposal facility. A Copy of the manifest is presented in Appendix D.

ONGOING MONITORING

In accordance with the approved program, the next sampling event will be the winter 2006 quarterly event performed during January/February 2006. During this event, sampling, and analytical testing will be performed for well SCIMW-7 as outlined in Table 1. In addition, well MW-6 will be checked for the presence/absence of free-floating product. In the event that free-floating product is not observed in well MW-6, then well MW-6 will be purged and a groundwater sample will be obtained for analysis. Results of the quarterly event will be held and presented with the semi-annual event report.

If you have any questions, please call either of the undersigned at (510) 268-0461.

Sincerely,
FUGRO WEST, INC.

Melissa L. Pleva
Staff Engineer & Geologist

REGISTERED PROFESSIONAL ENGINEER
JERIANN N. ALEXANDER
No. C040469
Exp. 3/31/06
CIVIL
STATE OF CALIFORNIA

Jeriann N. Alexander, P.E., R.E.A.
REA No. 03130 (exp. 7/06)
Civil Engineer 40469 (exp. 3/07)

REGISTERED ENVIRONMENTAL ASSESSOR
JERIANN N. ALEXANDER
No. REA 03130
Expires 7/06
STATE OF CALIFORNIA

MLP/JNA:rp

Attachments:

Tables:
Table 1. Groundwater Monitoring Program
Table 2. Summary of Groundwater Elevation, Well Completion Details, and Product Thickness Data
Table 3. Petroleum Hydrocarbon, BTEX, Pesticide and PCB Concentrations in Groundwater
Table 4. Volatile Organic Concentrations in Groundwater
Table 5. Heavy Metal Concentrations in Groundwater
Table 6. Groundwater Quality Parameters
Table 7. Historical Polynuclear Aromatic Concentrations in Groundwater
Table 8. Historical Semi-Volatile Organic Concentrations in Groundwater
Table 9. Historical Cyanide, Nitrate and Phosphorus Concentrations in Groundwater

Illustrations:
Plate 1. Vicinity Map
Plate 2. Groundwater Elevations, October 2005
Plate 3. Petroleum and Pesticide Concentrations, July and October 2005
Plate 4. VOC and Metals Concentrations, July and October 2005

Appendices:
Appendix A. ACEH Letter Dated July 22, 2004
Appendix B. Well Sampling Forms
Appendix C. Analytical Test Reports, Chromatographs and Chain-of-Custody Records
Appendix D. Waste Manifest

Copies Submitted: (9) Addressee

TABLE 1
GROUNDWATER MONITORING PROGRAM
NINTH AVENUE TERMINAL, PORT OF OAKLAND

Monitoring Well ID	BTEX	MTBE	TVH	TEHd, mo w/ silica gel	VOCs	Pesticides	Heavy Metals	Data to be Submitted to Geotracker
MW-1	Well Abandoned							
MW-2				A				
MW-3				A				
MW-4 FP	A	A	A	A				
MW-5				A				
MW-6 FP	A	A	A	A				
MW-7 H-107 *STID 3335*	Water level only							
SCIMW-1	Water level only							
SCIMW-2				A				
SCIMW-3				A				
SCIMW-4	Water level only							
SCIMW-5	Well Abandoned							
SCIMW-6	Water level only							
SCIMW-7			Q	Q	Q	Q		
SCIMW-8				A				
SCIMW-9				A				
SCIMW-10	Water level only							
SCIMW-11 H-204 STID 6894	A		A	A				T0600102210
SCIMW-12	Water level only							
SCIMW-13				A				
SCIMW-14	Well Abandoned							
SCIMW-15				A				
SCIMW-16	Water level only							
SCIMW-17	Well Abandoned							
SCIMW-18	Water level only							
SCIMW-19	Water level only							
SCIMW-20	Well Abandoned							
SCIMW-21	Water level only							
SCIMW-22					A			
SCIMW-23	Destroy Well							
SCIMW-24 H-204 *STID 6894*	SA	SA	SA	SA				T0600102210
SCIMW-25	Well Abandoned							
SCIMW-26			A	A				
SCIMW-27 STID 225	Water level only							
SCIMW-28				A	A		A	
SCIMW-29				A				
SCIMW-30					A			
SCIMW-31D					A			
SCIMW-32					A			
SCIMW-33				A	A	A		
SCIMW-34 H-317 *STID 5067*			A	A				
SCIMW-35 H-317 *STID 5067*	A		A	A				

Notes:
SA = Conducted semi-annually
A = Conducted annually
TVH = Total Volatile Hydrocarbons
BTEX = Benzene, Toluene, Ethylbenzene and total Xylenes
TEH = Total Extractable Hydrocarbons
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
PCBs = Polychlorinated Biphenyls
TDS = Total Dissolved Solids
Water level only wells conducted annually during annual monitoring event
Obtain one duplicate VOC sample semi-annually for QA/QC
STID = Local Oversite Program's ID number.

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-1	**TOC Elevation (Sep-93) =**	**9.99**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/20/1993	5.20	4.79	none	
12/1/1993	5.15	4.84	none	
3/31/1994	4.09	5.90	none	
6/2/1994	4.82	5.17	none	
9/30/1994	5.63	4.36	none	
12/22/1994	5.00	4.99	none	
4/10/1995	4.94	5.05	none	
7/24/1995	5.02	4.97	none	
11/10/1995	5.52	4.47	none	
2/20/1996	4.49	5.50	none	
5/23/1996	5.04	4.95	none	
6/28/1996	5.13	4.86	none	
7/29/1996	5.21	4.78	none	
9/3/1996	5.37	4.62	none	
9/9/1996	5.65	4.34	none	
9/18/1996	5.35	4.64	none	
9/23/1996	5.36	4.63	none	
9/30/1996	5.39	4.60	none	
10/28/1996	5.09	4.90	none	
12/2/1996	4.80	5.19	none	
12/30/1996	4.25	5.74	none	
1/16/1997	4.37	5.62	none	
2/28/1997	4.00	5.99	none	
3/26/1997	4.80	5.19	none	
5/5/1997	5.02	4.97	none	
6/27/1997	5.12	4.87	none	
7/23/1997	5.20	4.79	none	
8/25/1997	5.20	4.79	none	
9/25/1997	5.28	4.71	none	
10/30/1997	5.40	4.59	none	
12/3/1997	5.07	4.92	none	
12/30/1997	5.13	4.86	none	
1/28/1998	4.95	5.04	none	
3/11/1998	4.75	5.24	none	
3/30/1998	4.82	5.17	none	
4/27/1998	4.92	5.07	none	
6/1/1998	4.97	5.02	none	
6/26/1998	5.05	4.94	none	
9/17/1998	5.31	4.68	none	
12/7/1998	5.23	4.76	none	
5/4/1999	5.21	4.78	none	
8/25/1999	7.11	2.88	none	
11/29/1999	5.40	4.59	none	
4/4/2000	5.30	4.69	none	
10/3/2000	--	--	--	
5/1/2001	5.25	4.74	none	
	Well Destroyed May 31, 2001			

Well Completion Details

2" DIA. PVC
Screen Interval (5.5-15' bgs)
Well Installed by Clayton Environmental Consultants

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-2	**TOC Elevation (Sep-93) =**	**10.32**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/20/1993	4.40	5.92	none	
12/1/1993	4.75	5.57	none	
3/31/1994	5.01	5.31	none	
6/2/1994	4.61	5.71	none	
9/30/1994	4.93	5.39	none	
12/22/1994	4.43	5.89	none	**Well Completion Details**
4/10/1995	4.03	6.29	none	2" DIA. PVC
7/24/1995	4.41	5.91	none	Screen Interval (5-15' bgs)
11/10/1995	4.59	5.73	none	Well Installed by Clayton Environmental Consultants
2/20/1996	3.81	6.51	none	
5/23/1996	4.41	5.91	none	
6/28/1996	3.81	6.51	none	
7/29/1996	3.81	6.51	none	
9/3/1996	3.98	6.34	none	
9/9/1996	4.00	6.32	none	
9/18/1996	4.08	6.24	none	
9/23/1996	4.08	6.24	none	
9/30/1996	4.08	6.24	none	
10/28/1996	4.34	5.98	none	
12/2/1996	4.30	6.02	none	
12/30/1996	3.92	6.40	none	
1/16/1997	3.99	6.33	none	
2/28/1997	3.88	6.44	none	
3/26/1997	3.83	6.49	none	
5/5/1997	3.85	6.47	none	
6/27/1997	3.77	6.55	none	
7/23/1997	3.88	6.44	none	
8/25/1997	3.88	6.44	none	
9/25/1997	3.95	6.37	none	
10/30/1997	5.32	5.00	none	
12/3/1997	4.98	5.34	none	
12/30/1997	4.95	5.37	none	
1/28/1998	4.96	5.36	none	
3/11/1998	5.02	5.30	none	
3/30/1998	4.45	5.87	none	
4/27/1998	4.62	5.70	none	
6/1/1998	5.15	5.17	none	
6/26/1998	4.77	5.55	none	
9/17/1998	5.03	5.29	none	
12/7/1998	4.96	5.36	none	
5/3/1999	4.85	5.47	none	
8/25/1999	5.01	5.31	none	
11/29/1999	5.05	5.27	none	
4/4/2000	4.81	5.51	none	
10/3/2000	5.28	5.04	none	
5/1/2001	4.90	5.42	none	
11/27/2001	--	--	--	
7/29/2002	4.94	5.38	none	
1/21/2003	5.22	5.10	none	
Oct-04	**TOC Elevation =**	**10.37**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.02	5.35	none	
4/12/2005	4.65	5.72	none	
10/10/2005	7.62	2.75	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-3	**TOC Elevation (Sep-93) =**	**10.18**	**Port of Oakland Datum**	
9/20/1993	15.20	-5.02+	none	
12/1/1993	5.70	4.48	none	
3/31/1994	4.23	5.95	none	
6/2/1994	3.86	6.32	none	
9/30/1994	5.44	4.74	none	
12/22/1994	4.87	5.31	none	**Well Completion Details**
4/10/1995	7.64	2.54+	none	2" DIA. PVC
7/24/1995	3.62	6.56	none	Screen Interval (10-20' bgs)
11/10/1995	5.11	5.07	none	Well Installed by Clayton Environmental Consultants
2/20/1996	4.14	6.04	none	
5/23/1996	4.49	5.69	none	
6/28/1996	--	--	--	
7/29/1996	4.64	5.54	none	
9/3/1996	4.48	5.70	none	
9/18/1996	6.42	3.76+	none	
9/23/1996	6.06	4.12	none	
9/30/1996	5.18	5.00	none	
10/28/1996	4.83	5.35	none	
12/2/1996	4.84	5.34	none	
12/30/1996	4.84	5.34	none	
1/16/1997	4.73	5.45	none	
3/5/1997	4.69	5.49	none	
3/26/1997	4.76	5.42	none	
5/5/1997	4.69	5.49	none	
6/27/1997	4.51	5.67	none	
7/23/1997	4.58	5.60	none	
8/25/1997	4.62	5.56	none	
9/25/1997	4.53	5.65	none	
10/30/1997	4.70	5.48	none	
12/3/1997	4.10	6.08	none	
12/30/1997	4.59	5.59	none	
1/28/1998	4.59	5.59	none	
3/11/1998	4.48	5.70	none	
3/30/1998	4.31	5.87	none	
4/27/1998	4.26	5.92	none	
6/1/1998	3.92	6.26	none	
6/26/1998	--	--	--	
9/17/1998	4.35	5.83	none	
12/7/1998	3.56	6.62	none	
5/4/1999	4.45	5.73	none	
8/25/1999	6.34	3.84	none	
11/29/1999	4.74	5.44	none	
4/4/2000	4.51	5.67	none	
10/3/2000	4.41	5.77	none	
5/1/2001	--	--	--	
12/10/2001	7.87	2.31	none	
7/29/2002	--	--	--	
1/21/2003	--	--	--	
Oct-04	**TOC Elevation =**	**10.37**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	11.48	-1.11	none	
11/3/2004	4.52	5.85	none	
4/12/2005	3.97	6.40	none	
10/10/2005	13.10	-2.73	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-4	TOC Elevation (Sep-93) =	11.98	Port of Oakland Datum	
9/20/1993	5.80	6.18	8.04	
12/1/1993	4.10	7.88	trace	
3/31/1994	4.20	7.78	6.96	
6/2/1994	3.88	8.10	6.00	
9/30/1994	5.80	6.18	12.00	
12/22/1994	3.47	8.51	10.08	**Well Completion Details**
4/10/1995	3.80	8.18	0.00	2" DIA. PVC
5/16/1995	3.07	8.91	NA	Screen Interval (10-20' bgs)
7/24/1995	3.65	8.33	0.00	Well Installed by Clayton Environmental Consultants
11/10/1995	NA	NA	0.00	
2/20/1996	NA	NA	NA	
5/23/1996	2.96	9.02	0.00	
6/28/1996	3.93	8.05	2.38	
7/29/1996	5.09	6.89	0.50	
9/3/1996	4.65	7.33	0.25	
9/9/1996	5.15	6.83	0.50	
9/18/1996	5.45	6.53	0.13	
9/23/1996	4.80	7.18	0.38	
9/30/1996	4.88	7.10	0.06	
10/28/1996	5.12	6.86	0.25	
12/2/1996	3.22	8.76	2.00	
12/30/1996	2.94	9.04	0.25	
1/16/1997	3.22	8.76	trace	
2/28/1997	3.78	8.20	trace	
3/26/1997	3.90	8.08	trace	
5/5/1997	3.92	8.06	0.13	
6/27/1997	4.11	7.87	0.50	
7/23/1997	4.30	7.68	trace	
8/25/1997	3.55	8.43	trace	
9/25/1997	3.91	8.07	trace	
10/30/1997	4.98	7.00	0.13	
12/3/1997	3.60	8.38	0.50	
12/30/1997	3.52	8.46	trace	
1/28/1998	3.02	8.96	0.63	
3/11/1998	3.28	8.70	trace	
3/30/1998	3.29	8.69	trace	
4/27/1998	3.55	8.43	0.25	
6/1/1998	3.02	8.96	0.19	
6/26/1998	3.75	8.23	trace	
9/17/1998	4.45	7.53	0.25	
12/7/1998	3.35	8.63	0.38	
5/4/1999	--	--	--	
8/25/1999	4.65	7.33	0.85	
11/29/1999	5.17	6.81	0.38	
4/4/2000	--	--	trace	
10/3/2000	--	--	--	
5/2/2001	3.85	8.13	trace	
11/27/2001	--	--	0.25	
7/29/2002	--	--	0.25	
1/21/2003	--	--	0.50	
Oct-04	TOC Elevation =	12.10	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	5.25	6.85	8	
4/12/2005	4.25	7.85	9	
10/10/2005	5.26	6.84	2	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-5	**TOC Elevation (Apr-95)=**	**11.84**	**Port of Oakland Datum**	
4/10/95	4.64	7.20	none	
7/24/95	5.24	6.60	none	
11/10/95	5.38	6.46	none	
2/20/96	2.69	9.15	none	
5/23/96	2.67	9.17	none	
6/28/1996	5.29	6.55	none	**Well Completion Details**
7/29/1996	5.35	6.49	none	2" DIA. SCH. 40 PVC
9/3/1996	5.44	6.40	none	Well Screen (0.010" slot size)
9/9/1996	5.45	6.39	none	Screen Interval (5-20' bgs)
9/18/1996	5.51	6.33	none	Well Installed by Clayton Environmental Consultants
9/23/1996	5.51	6.33	none	
9/30/1996	5.49	6.35	none	
10/28/1996	5.56	6.28	none	
12/2/1996	4.64	7.20	none	
12/30/1996	2.42	9.42	none	
1/16/1997	3.46	8.38	none	
2/28/1997	5.14	6.70	none	
3/26/1997	5.28	6.56	none	
5/5/1997	5.39	6.45	none	
6/27/1997	5.45	6.39	none	
7/23/1997	5.39	6.45	none	
8/25/1997	5.18	6.66	none	
9/25/1997	5.40	6.44	none	
10/30/1997	5.45	6.39	none	
12/3/1997	2.42	9.42	none	
12/30/1997	5.04	6.80	none	
1/28/1998	2.79	9.05	none	
3/11/1998	4.54	7.30	none	
3/30/1998	4.60	7.24	none	
4/27/1998	5.18	6.66	none	
6/1/1998	3.17	8.67	none	
6/26/1998	5.31	6.53	none	
9/17/1998	5.44	6.40	none	
12/7/1998	3.79	8.05	none	
5/3/1999	5.25	6.59	none	
8/25/1999	5.46	6.38	none	
11/29/1999	5.31	6.53	none	
4/4/2000	5.28	6.56	none	
10/3/2003	5.37	6.47	none	
5/2/2001	5.10	6.74	none	
12/10/2001	5.39	6.45	none	
7/29/2002	5.58	6.26	none	
1/21/2003	4.92	6.92	none	
Oct-04	**TOC Elevation =**	**11.95**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.58	6.37	none	
4/12/2005	5.05	6.90	none	
10/10/2005	5.63	6.32	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-7	**TOC Elevation =**	**10.13**	**Port of Oakland Datum**	
4/10/1995	4.41	5.72	none	
7/24/1995	3.72	6.41	none	
11/10/1995	4.78	5.35	none	
2/20/1996	4.13	6.00	none	
5/23/1996	4.69	5.44	none	
6/28/1996	3.81	6.32	none	**Well Completion Details**
7/29/1996	4.32	5.81	none	2" DIA. SCH. 40 PVC
9/3/1996	4.65	5.48	none	Well Screen (0.010" slot size)
9/9/1996	4.79	5.34	none	Screen Interval (5-20' bgs)
9/18/1996	4.45	5.68	none	Well Installed by Clayton Environmental Consultants
9/23/1996	4.28	5.85	none	
9/30/1996	4.18	5.95	none	
10/28/1996	4.48	5.65	none	
12/2/1996	4.88	5.25	none	
12/30/1996	3.62	6.51	none	
1/16/1997	3.65	6.48	none	
2/28/1997	3.71	6.42	none	
3/26/1997	3.71	6.42	none	
5/5/1997	3.80	6.33	none	
6/27/1997	3.71	6.42	none	
7/23/1997	--	--	--	
8/25/1997	3.73	6.40	none	
9/25/1997	3.75	6.38	none	
10/30/1997	3.88	6.25	none	
12/3/1997	3.58	6.55	none	
12/30/1997	3.67	6.46	none	
1/28/1998	3.48	6.65	none	
3/11/1998	3.64	6.49	none	
3/30/1998	3.65	6.48	none	
4/27/1998	3.26	6.87	none	
6/1/1998	3.67	6.46	none	
6/26/1998	3.63	6.50	none	
9/17/1998	3.75	6.38	none	
12/7/1998	3.82	6.31	none	
5/3/1999	3.67	6.46	none	
8/25/1999	3.80	6.33	none	
11/29/1999	4.00	6.13	none	
4/4/2000	3.67	6.46	none	
10/3/2000	3.82	6.31	none	
5/1/2001	4.70	5.43	none	
11/27/2001	4.70	5.43	none	
7/29/2002	6.70	3.43	none	
1/21/2003	4.70	5.43	none	
Oct-04	**TOC Elevation =**	**10.18**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	3.37	6.81	none	
4/12/2005	3.86	6.32	none	
10/10/2005	4.78	5.40	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-2	TOC Elevation (May-96) =	9.92	Port of Oakland Datum	
5/23/1996	5.88	4.04	none	
6/28/1996	7.33	2.59	none	
7/29/1996	7.43	2.49	none	
9/3/1996	6.54	3.38	none	
9/9/1996	4.67	5.25	none	
9/18/1996	6.50	3.42	none	**Well Completion Details**
9/23/1996	3.78	6.14	none	2" DIA. SCH. 40 PVC
9/30/1996	6.18	3.74	none	Well Screen (0.010" slot size)
10/28/1996	3.72	6.20	none	Screen Interval (3-18' bgs)
12/2/1996	6.60	3.32	none	Well Installed by SCI
12/30/1996	4.57	5.35	none	
1/16/1997	6.10	3.82	none	
2/28/1997	7.04	2.88	none	
3/26/1997	6.59	3.33	none	
5/5/1997	7.03	2.89	none	
6/27/1997	6.50	3.42	none	
7/23/1997	7.23	2.69	none	
8/25/1997	5.90	4.02	none	
9/25/1997	3.81	6.11	none	
10/30/1997	3.32	6.60	none	
12/3/1997	3.54	6.38	none	
12/30/1997	3.60	6.32	none	
1/28/1998	2.42	7.50	none	
3/11/1998	3.33	6.59	none	
3/30/1998	7.08	2.84	none	
4/27/1998	7.36	2.56	none	
6/1/1998	5.78	4.14	none	
6/26/1998	7.02	2.90	none	
9/17/1998	5.85	4.07	none	
12/7/1998	6.40	3.52	none	
5/3/1999	5.40	4.52	none	
8/25/1999	6.92	3.00	none	
11/29/1999	6.07	3.85	none	
4/4/2000	7.09	2.83	none	
10/3/2000	5.89	4.75	none	
5/1/2001	6.81	3.11	none	
11/27/2001	3.69	6.23	none	
7/29/2002	7.00	2.92	none	
1/21/2003	4.13	5.79	none	
Oct-04	TOC Elevation =	9.89	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	6.65	3.24	none	
4/12/2005	6.67	3.22	none	
10/10/2005	5.60	4.29	trace	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-3	TOC Elevation (May-96) =	11.87	Port of Oakland Datum	
5/23/1996	4.65	7.22	none	
6/28/1996	4.86	7.01	none	
7/29/1996	5.03	6.84	none	
9/3/1996	5.20	6.67	none	
9/9/1996	5.28	6.59	none	
9/18/1996	5.24	6.63	none	
9/23/1996	5.26	6.61	none	
9/30/1996	5.31	6.56	none	
10/17/1996	5.43	6.44	none	
10/28/1996	5.58	6.29	none	
12/2/1996	5.78	6.09	none	
12/30/1996	5.49	6.38	none	
1/16/1997	5.41	6.46	none	
2/28/1997	5.27	6.60	none	
3/26/1997	4.98	6.89	none	
5/5/1997	4.93	6.94	none	
6/27/1997	4.83	7.04	none	
7/23/1997	4.94	6.93	none	
8/25/1997	5.10	6.77	none	
9/25/1997	5.14	6.73	none	
10/30/1997	5.55	6.32	none	
12/3/1997	5.30	6.57	none	
12/30/1997	5.13	6.74	none	
1/28/1998	4.71	7.16	none	
3/11/1998	--	--	--	
3/30/1998	4.13	7.74	none	
4/27/1998	4.02	7.85	none	
6/1/1998	4.30	7.57	none	
6/26/1998	4.11	7.76	none	
9/17/1998	7.58	4.29	none	
12/7/1998	5.56	6.31	none	
5/3/1999	4.92	6.95	none	
8/25/1999	5.30	6.57	none	
11/29/1999	5.70	6.17	none	
4/4/2000	4.87	7.00	none	
10/3/2000	5.38	6.49	none	
5/1/2001	4.94	6.93	none	
11/27/2001	6.00	5.87	none	
7/29/2002	4.99	6.88	none	
1/21/2003	4.14	7.73	none	
Oct-04	TOC Elevation =	11.82	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	5.5	6.32	1	
4/12/2005	3.91	7.91	trace	
10/10/2005	5.32	6.50	trace	

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-4	TOC Elevation (Sept-96) =	10.03	Port of Oakland Datum	
9/9/1996	4.53	5.50	none	
9/18/1996	4.54	5.49	none	
9/23/1996	4.32	5.71	none	
9/30/1996	4.37	5.66	none	
10/28/1996	3.75	6.28	none	
12/2/1996	2.09	7.94	none	
12/30/1996	1.00	9.03	none	
1/16/1997	1.60	8.43	none	
2/28/1997	2.16	7.87	none	
3/26/1997	2.68	7.35	none	
5/5/1997	3.21	6.82	none	
6/27/1997	3.13	6.90	none	
7/23/1997	3.65	6.38	none	
8/25/1997	3.41	6.62	none	
9/25/1997	3.90	6.13	none	
10/30/1997	4.03	6.00	none	
12/3/1997	2.25	7.78	none	
12/30/1997	2.77	7.26	none	
1/28/1998	2.95	7.08	none	
3/11/1998	1.95	8.08	none	
3/30/1998	2.13	7.90	none	
4/27/1998	2.45	7.58	none	
6/1/1998	2.03	8.00	none	
6/26/1998	2.95	7.08	none	
9/17/1998	3.83	6.20	none	
12/7/1998	1.95	8.08	none	
5/4/1999	2.65	7.38	none	
8/25/1999	3.75	6.28	none	
11/29/1999	3.21	6.82	none	
4/4/2000	2.71	7.32	none	
10/3/2000	3.55	6.48	none	
5/1/2001	2.90	7.13	none	
11/27/2001	4.15	5.88	none	
7/29/2002	4.25	5.78	none	
1/21/2003	4.03	10.03	none	
Oct-04	TOC Elevation =	10.04	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	3.72	6.32	none	
4/12/2005	3.72	6.32	none	
10/10/2005	4.55	5.49	none	

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-5	TOC Elevation (Sept-96) =	10.19	Port of Oakland Datum	
9/9/1996	5.56	4.63	none	
9/18/1996	4.68	5.51	none	
9/23/1996	4.42	5.77	none	
9/30/1996	4.44	5.75	none	
10/28/1996	4.40	5.79	none	
12/2/1996	4.95	5.24	none	
12/30/1996	4.21	5.98	none	
1/16/1997	4.07	6.12	none	
2/28/1997	4.74	5.45	none	
3/26/1997	4.53	5.66	none	
5/5/1997	4.49	5.70	none	
6/27/1997	4.63	5.56	none	
7/23/1997	4.74	5.45	none	
8/25/1997	4.40	5.79	none	
9/25/1997	4.26	5.93	none	
10/30/1997	4.37	5.82	none	
12/3/1997	4.21	5.98	none	
12/30/1997	4.20	5.99	none	
1/28/1998	2.55	7.64	none	
3/11/1998	4.38	5.81	none	
3/30/1998	3.95	6.24	none	
4/27/1998	3.86	6.33	none	
6/1/1998	4.66	5.53	none	
6/26/1998	3.90	6.29	none	
9/17/1998	4.41	5.78	none	
12/7/1998	4.55	5.64	none	
5/3/1999	4.93	5.26	none	
8/25/1999	4.48	5.71	none	
11/29/1999	4.45	5.74	none	
4/4/2000	6.65	3.54	none	
10/3/2000	4.59	5.60	none	
5/1/2001	4.87	5.32	none	
	Well Destroyed May 31, 2001			

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-6	TOC Elevation (Sept-96) =	10.55	Port of Oakland Datum	
9/9/1996	5.86	4.69	none	
9/18/1996	6.54	4.01	none	
9/23/1996	5.47	5.08	none	
9/30/1996	6.44	4.11	none	
10/28/1996	5.93	4.62	none	
12/2/1996	7.04	3.51	none	
12/30/1996	5.60	4.95	none	
1/16/1997	5.87	4.68	none	
2/28/1997	7.00	3.55	none	
3/26/1997	6.54	4.01	none	
5/5/1997	6.72	3.83	none	
6/27/1997	6.65	3.90	none	
7/23/1997	6.60	3.95	none	
8/25/1997	6.15	4.40	none	
9/25/1997	5.11	5.44	none	
10/30/1997	5.37	5.18	none	
12/3/1997	5.29	5.26	none	
12/30/1997	5.42	5.13	none	
1/28/1998	3.56	6.99	none	
3/11/1998	5.11	5.44	none	
3/30/1998	6.46	4.09	none	
4/27/1998	6.64	3.91	none	
6/1/1998	6.04	4.51	none	
6/26/1998	6.23	4.32	none	
9/17/1998	6.17	4.38	none	
12/7/1998	6.64	3.91	none	
5/3/1999	6.16	4.39	none	
8/25/1999	6.56	3.99	none	
11/25/1999	6.55	4.00	none	
4/4/2000	6.87	3.68	none	
10/3/2000	6.37	4.18	none	
5/1/2001	7.22	3.33	none	
11/27/2001	5.36	5.19	none	
7/29/2002	6.98	3.57	none	
1/21/2003	5.81	10.55	none	
Oct-04	TOC Elevation =	10.59	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	6.67	3.92	none	
4/12/2005	6.76	3.83	none	
10/10/2005	6.34	4.25	none	

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-7	TOC Elevation (Sept-96) =	12.26	Port of Oakland Datum	
9/9/1996	8.95	3.31+	none	
9/18/1996	6.87	5.39	none	
9/23/1996	6.95	5.31	none	
9/30/1996	7.04	5.22	none	
10/28/1996	7.40	4.86	none	
12/2/1996	4.95	7.31	none	
12/30/1996	4.73	7.53	none	
1/16/1997	4.94	7.32	none	
2/28/1997	4.85	7.41	none	
3/26/1997	4.94	7.32	none	
5/5/1997	5.13	7.13	none	
6/27/1997	5.86	6.40	none	
7/23/1997	6.25	6.01	none	
8/25/1997	5.94	6.32	none	
9/25/1997	5.93	6.33	none	
10/30/1997	5.30	6.96	none	
12/3/1997	4.85	7.41	none	
12/30/1997	4.83	7.43	none	
1/28/1998	4.65	7.61	none	
3/11/1998	4.72	7.54	none	
3/30/1998	4.77	7.49	none	
4/27/1998	4.85	7.41	none	
6/1/1998	4.70	7.56	none	
6/26/1998	4.97	7.29	none	
9/17/1998	6.52	5.74	none	
12/7/1998	4.52	7.74	none	
5/3/1999	4.86	7.40	none	
8/25/1999	5.42	6.84	none	
11/29/1999	6.70	5.56	none	
4/4/2000	3.48	8.78	none	
10/3/2000	4.01	8.25	none	
5/1/2001	4.70	7.56	none	
11/27/2001	4.98	7.28	none	
7/29/2002	5.77	6.49	none	
1/21/2003	4.79	7.47	none	
Oct-04	TOC Elevation =	12.26	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	5.69	6.57	none	
1/10/2005	3.91	8.35	none	
4/12/2005	4.69	7.57	none	
7/19/2005	4.68	7.58	none	
10/10/2005	5.14	7.12	none	

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-8	TOC Elevation (Sept-96) =	12.81	Port of Oakland Datum	
9/9/1996	5.70	7.11	none	
9/18/1996	5.81	7.00	none	
9/23/1996	5.79	7.02	none	
9/30/1996	5.89	6.92	none	
10/17/1996	5.95	6.86	none	
10/28/1996	6.13	6.68	none	**Well Completion Details**
12/2/1996	5.39	7.42	none	2" DIA. SCH. 40 PVC
12/30/1996	4.98	7.83	none	Well Screen (0.010" slot size)
1/16/1997	5.11	7.70	none	Screen Interval (3-18' bgs)
2/28/1997	5.42	7.39	none	Well Installed by SCI
3/26/1997	5.39	7.42	none	
5/5/1997	5.40	7.41	none	
6/27/1997	5.45	7.36	none	
7/23/1997	--	--	--	
8/25/1997	5.21	7.60	none	
9/25/1997	5.49	7.32	none	
10/30/1997	5.61	7.20	none	
12/3/1997	5.09	7.72	none	
12/30/1997	4.19	8.62	none	
1/28/1998	--	--	--	
3/11/1998	--	--	--	
3/30/1998	--	--	--	
4/27/1998	5.06	7.75	none	
6/1/1998	4.18	8.63	none	
6/26/1998	5.17	7.64	none	
9/17/1998	5.56	7.25	none	
12/7/1998	5.17	7.64	none	
5/3/1999	5.13	7.68	none	
8/25/1999	6.95	5.86	none	
11/29/1999	5.45	7.36	none	
4/4/2000	5.10	7.71	none	
10/3/2000	5.31	7.50	none	
5/1/2001	5.22	7.59	none	
11/27/2001	5.30	7.51	none	
7/29/2002	5.54	7.27	none	
1/21/2003	5.18	7.63	none	
Oct-04	TOC Elevation =	12.85	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	5.56	7.29	none	
4/12/2005	5.05	7.80	none	
10/10/2005	5.73	7.12	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-9	TOC Elevation (Sept-96) =	11.32	Port of Oakland Datum	
9/9/1996	4.92	6.40	none	
9/18/1996	4.94	6.38	none	
9/23/1996	4.94	6.38	none	
9/30/1996	4.92	6.40	none	
10/17/1996	4.97	6.35	none	
10/28/1996	5.07	6.25	none	
12/2/1996	4.71	6.61	none	
12/30/1996	4.51	6.81	none	
1/16/1997	4.66	6.66	none	
3/26/1997	4.60	6.72	none	
5/5/1997	4.65	6.67	none	
6/27/1997	4.71	6.61	none	
7/23/1997	4.77	6.55	none	
8/25/1997	4.72	6.60	none	
9/25/1997	--	--	--	
10/30/1997	4.90	6.42	none	
12/3/1997	--	--	--	
12/30/1997	4.60	6.72	none	
1/28/1998	4.40	6.92	none	
3/11/1998	4.11	7.21	none	
3/30/1998	4.38	6.94	none	
4/27/1998	4.35	6.97	none	
6/1/1998	4.08	7.24	none	
6/26/1998	4.42	6.90	none	
9/17/1998	4.68	6.64	none	
12/7/1998	4.52	6.80	none	
5/3/1999	4.51	6.81	none	
8/25/1999	4.72	6.60	none	
11/29/1999	4.63	6.69	none	
4/4/2000	4.25	7.07	none	
10/3/2000	4.71	6.61	none	
5/1/2001	3.30	8.02	none	
11/27/2001	3.82	7.50	none	
7/29/2002	4.64	6.68	none	
1/21/2003	3.91	7.41	none	
Oct-04	TOC Elevation =	11.34	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	5.18	6.16	none	
4/12/2005	4.26	7.08	none	
10/10/2005	4.80	6.54	none	

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-10	TOC Elevation (Sept-96) =	12.56	Port of Oakland Datum	
9/9/1996	4.61	7.95	none	
9/18/1996	4.87	7.69	none	
9/23/1996	4.81	7.75	none	
9/30/1996	4.91	7.65	none	
10/17/1996	5.03	7.53	none	
10/28/1996	5.31	7.25	none	**Well Completion Details**
12/2/1996	5.15	7.41	none	2" DIA. SCH. 40 PVC
12/30/1996	4.60	7.96	none	Well Screen (0.010" slot size)
1/16/1997	4.69	7.87	none	Screen Interval (3-18' bgs)
2/28/1997	4.47	8.09	none	Well Installed by SCI
3/26/1997	4.33	8.23	none	
5/5/1997	4.21	8.35	none	
6/27/1997	5.71	6.85	none	
7/23/1997	5.96	6.60	none	
8/25/1997	6.07	6.49	none	
9/25/1997	5.90	6.66	none	
10/30/1997	6.60	5.96	none	
12/3/1997	--	--	--	
12/30/1997	6.10	6.46	none	
1/28/1998	4.97	7.59	none	
3/11/1998	--	--	--	
3/30/1998	5.36	7.20	none	
4/27/1998	5.21	7.35	none	
6/1/1998	5.18	7.38	none	
6/26/1998	5.17	7.39	none	
9/17/1998	4.92	7.64	none	
12/7/1998	6.07	6.49	none	
5/3/1999	5.25	7.31	none	
8/25/1999	6.65	5.91	trace	
11/29/1999	6.58	5.98	none	
4/4/2000	4.08	8.48	none	
10/3/2000	5.99	6.57	none	
5/1/2001	5.68	6.88	none	
11/27/2001	6.71	5.85	none	
7/29/2002	5.85	6.71	none	
1/21/2003	6.67	5.89	none	
Oct-04	TOC Elevation =	12.57	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	6.13	6.44	none	
4/12/2005	6.30	6.27	none	
10/10/2005	5.00	7.57	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-11	TOC Elevation (Sept-96) =	9.49	Port of Oakland Datum	
9/9/1996	5.66	3.83	none	
9/18/1996	6.39	3.10	none	
9/23/1996	4.12	5.37	none	
9/30/1996	6.24	3.25	none	
10/28/1996	5.46	4.03	none	
12/2/1996	6.03	3.46	none	**Well Completion Details**
12/30/1996	3.56	5.93	none	2" DIA. SCH. 40 PVC
1/16/1997	5.17	4.32	none	Well Screen (0.010" slot size)
2/28/1997	6.60	2.89	none	Screen Interval (3-18' bgs)
3/26/1997	6.85	2.64	none	Well Installed by SCI
5/5/1997	6.94	2.55	none	
6/27/1997	5.94	3.55	none	
7/23/1997	7.18	2.31	none	
8/25/1997	5.04	4.45	none	
9/25/1997	3.31	6.18	none	
10/30/1997	3.81	5.68	none	
12/3/1997	4.85	4.64	none	
12/30/1997	1.63	7.86	none	
1/28/1998	3.64	5.85	none	
3/11/1998	3.37	6.12	none	
3/30/1998	7.02	2.47	none	
4/27/1998	7.33	2.16	none	
6/1/1998	--	--	--	
6/26/1998	--	--	--	
9/23/1998	4.77	4.72	none	
12/7/1998	6.17	3.32	none	
5/3/1999	6.01	3.48	none	
8/25/1999	4.31	5.18	none	
11/29/1999	5.42	4.07	none	
4/4/2000	7.00	2.49	none	
10/3/2000	5.49	4.00	none	
5/1/2001	6.95	2.54	none	
11/27/2001	3.55	5.94	none	
7/29/2002	6.85	2.64	none	
1/21/2003	5.90	3.59	none	
Oct-04	TOC Elevation =	9.51	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	6.72	2.79	none	
4/12/2005	7.27	2.24	none	
10/10/2005	5.29	4.22	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-12	**TOC Elevation (Sept-96) =**	**10.94**	**Port of Oakland Datum**	
9/9/1996	6.85	4.09	none	
9/18/1996	7.24	3.70	none	
9/23/1996	5.59	5.35	none	
9/30/1996	7.26	3.68	none	
10/28/1996	7.00	3.94	none	
12/2/1996	7.31	3.63	none	**Well Completion Details**
12/30/1996	5.12	5.82	none	2" DIA. SCH. 40 PVC
1/16/1997	6.41	4.53	none	Well Screen (0.010" slot size)
2/28/1997	7.19	3.75	none	Screen Interval (3-18' bgs)
3/26/1997	7.24	3.70	none	Well Installed by SCI
5/5/1997	7.26	3.68	none	
6/27/1997	7.09	3.85	none	
7/23/1997	7.24	3.70	none	
8/25/1997	6.61	4.33	none	
9/25/1997	4.69	6.25	none	
10/30/1997	5.24	5.70	none	
12/3/1997	6.53	4.41	none	
12/30/1997	2.90	8.04	none	
1/28/1998	5.11	5.83	none	
3/11/1998	4.83	6.11	none	
3/30/1998	7.22	3.72	none	
4/27/1998	7.23	3.71	none	
6/1/1998	7.00	3.94	none	
6/1/1998	7.20	3.74	none	
9/17/1998	6.80	4.14	none	
12/7/1998	7.21	3.73	none	
5/3/1999	7.19	3.75	none	
8/25/1999	6.91	4.03	none	
11/29/1999	6.91	4.03	none	
4/4/2000	6.41	4.53	none	
10/3/2000	6.66	4.28	none	
5/1/2001	6.00	4.94	none	
11/27/2001	5.19	5.75	none	
7/29/2002	7.20	3.74	none	
1/21/2003	7.19	3.75	none	
Oct-04	**TOC Elevation =**	**10.95**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	7.27	3.68	none	
4/12/2005	7.22	3.73	none	
10/10/2005	7.02	3.93	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-13	**TOC Elevation (Sept-96) =**	**12.56**	**Port of Oakland Datum**	
9/9/1996	5.35	7.21	none	
9/18/1996	5.47	7.09	none	
9/23/1996	5.51	7.05	none	
9/30/1996	4.94	7.62	none	
10/17/1996	5.70	6.86	none	
10/28/1996	5.86	6.70	none	**Well Completion Details**
12/2/1996	5.91	6.65	none	2" DIA. SCH. 40 PVC
12/30/1996	5.70	6.86	none	Well Screen (0.010" slot size)
1/16/1997	5.63	6.93	none	Screen Interval (3-18' bgs)
2/28/1997	5.31	7.25	none	Well Installed by SCI
3/26/1997	5.14	7.42	trace	
5/5/1997	4.99	7.57	none	
6/27/1997	4.92	7.64	none	
7/23/1997	--	--	--	
8/25/1997	--	--	--	
9/25/1997	5.14	7.42	none	
10/30/1997	5.75	6.81	none	
12/3/1997	5.55	7.01	none	
12/30/1997	5.43	7.13	none	
1/28/1998	5.08	7.48	none	
3/11/1998	4.46	8.10	none	
3/30/1998	4.42	8.14	none	
4/27/1998	4.22	8.34	none	
6/1/1998	4.24	8.32	none	
6/26/1998	4.25	8.31	none	
9/17/1998	5.14	7.42	none	
12/7/1998	5.78	6.78	none	
5/3/1999	4.61	7.95	none	
8/25/1999	5.32	7.24	none	
11/29/1999	5.83	6.73	none	
4/4/2000	4.84	7.72	none	
10/3/2000	5.52	7.04	none	
5/1/2001	4.75	7.81	none	
11/27/2001	5.79	6.77	none	
7/29/2002	5.12	7.44	none	
1/21/2003	5.56	7.00	none	
Oct-04	**TOC Elevation =**	**12.57**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.70	6.87	none	
4/12/2005	4.46	8.11	none	
10/10/2005	5.48	7.09	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)
SCIMW-14	TOC Elevation (Sept-96) =	13.64	Port of Oakland Datum
9/9/1996	8.28	5.36	none
9/18/1996	8.50	5.14	none
9/23/1996	8.18	5.46	none
9/30/1996	8.41	5.23	none
10/28/1996	8.43	5.21	none
12/2/1996	8.56	5.08	none
12/30/1996	7.89	5.75	none
1/16/1997	8.00	5.64	none
2/28/1997	8.48	5.16	none
3/26/1997	8.34	5.30	none
5/5/1997	8.30	5.34	none
6/27/1997	8.20	5.44	none
7/23/1997	8.30	5.34	none
8/25/1997	8.09	5.55	none
9/25/1997	7.81	5.83	none
10/30/1997	8.17	5.47	none
12/3/1997	7.58	6.06	none
12/30/1997	7.52	6.12	none
1/28/1998	7.19	6.45	none
3/11/1998	7.21	6.43	none
3/30/1998	7.41	6.23	none
4/27/1998	7.99	5.65	none
6/1/1998	7.59	6.05	none
6/26/1998	8.07	5.57	none
9/17/1998	8.16	5.48	none
12/7/1998	7.73	5.91	none
5/3/1999	7.64	6.00	none
8/25/1999	7.95	5.69	none
11/29/1999	8.34	5.30	none
4/4/2000	8.03	5.61	none
10/3/2000	8.21	5.43	none
5/1/2001	7.95	5.69	none
	Well Destroyed May 30, 2001		

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-15	TOC Elevation (Sept-96) =	13.45	Port of Oakland Datum	
9/9/1996	8.60	4.85	none	
9/18/1996	8.61	4.84	none	
9/23/1996	8.62	4.83	none	
9/30/1996	8.51	4.94	none	
10/28/1996	8.72	4.73	none	
12/2/1996	8.91	4.54	none	
12/30/1996	8.36	5.09	none	
1/16/1997	8.44	5.01	none	
2/28/1997	8.54	4.91	none	
3/26/1997	8.57	4.88	none	
5/5/1997	8.73	4.72	none	
6/27/1997	8.42	5.03	none	
7/23/1997	8.28	5.17	none	
8/25/1997	8.31	5.14	none	
9/25/1997	8.32	5.13	none	
10/30/1997	--	--	--	
12/3/1997	8.21	5.24	none	
12/30/1997	8.23	5.22	none	
1/28/1998	8.14	5.31	none	
3/11/1998	--	--	--	
3/30/1998	--	--	--	
4/27/1998	--	--	--	
6/1/1998	8.11	5.34	none	
6/26/1998	8.00	5.45	none	
9/17/1998	8.28	5.17	none	
12/7/1998	8.63	4.82	none	
5/3/1999	8.30	5.15	none	
8/25/1999	8.75	4.70	none	
11/29/1999	8.74	4.71	none	
4/4/2000	8.28	5.17	none	
10/3/2000	8.48	4.97	none	
5/1/2001	8.40	5.05	none	
11/27/2001	4.85	8.60	none	
7/29/2002	--	--	--	
1/22/2003	8.33	5.12	none	
Oct-04	TOC Elevation =	13.46	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	8.49	4.97	none	
4/12/2005	7.86	5.60	none	
10/10/2005	8.56	4.90	none	

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-16	TOC Elevation (Sept-96) =	10.40	Port of Oakland Datum	
9/9/1996	3.59	6.81	none	
9/18/1996	3.46	6.94	none	
9/23/1996	3.44	6.96	none	
9/30/1996	3.44	6.96	none	
10/28/1996	4.39	6.01	none	
12/2/1996	3.64	6.76	none	**Well Completion Details**
12/30/1996	3.19	7.21	none	2" DIA. SCH. 40 PVC
1/16/1997	3.37	7.03	none	Well Screen (0.010" slot size)
2/28/1997	3.47	6.93	none	Screen Interval (3-18' bgs)
3/26/1997	3.39	7.01	none	Well Installed by SCI
5/5/1997	3.27	7.13	none	
6/27/1997	3.27	7.13	none	
7/23/1997	3.39	7.01	none	
8/25/1997	3.11	7.29	none	
9/25/1997	3.35	7.05	none	
10/30/1997	3.19	7.21	none	
12/3/1997	3.22	7.18	none	
12/30/1997	--	--	--	
1/28/1998	--	--	--	
3/11/1998	3.23	7.17	none	
3/30/1998	3.24	7.16	none	
4/27/1998	3.26	7.14	none	
6/1/1998	3.10	7.30	none	
6/26/1998	3.07	7.33	none	
9/17/1998	3.36	7.04	none	
12/7/1998	3.83	6.57	none	
5/3/1999	3.72	6.68	none	
8/25/1999	5.65	4.75	none	
11/29/1999	3.74	6.66	none	
4/4/2000	3.75	6.65	none	
10/3/2000	3.76	6.64	none	
5/1/2001	4.10	6.30	none	
11/27/2001	3.68	6.72	none	
7/29/2002	4.01	6.39	none	
1/21/2003	3.80	6.60	none	
Oct-04	TOC Elevation =	10.41	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	4.11	6.30	none	
4/12/2005	4.09	6.32	none	
10/10/2005	3.97	6.44	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-17	TOC Elevation (Sept-96) =	10.14	Port of Oakland Datum	
9/9/1996	3.59	6.55	none	
9/18/1996	2.83	7.31	none	
9/23/1996	2.96	7.18	none	
9/30/1996	3.00	7.14	none	
10/28/1996	3.04	7.10	none	
12/2/1996	2.86	7.28	none	
12/30/1996	0.18	9.96	none	
1/16/1997	2.47	7.67	none	
2/28/1997	2.63	7.51	none	
3/26/1997	2.51	7.63	none	
5/5/1997	2.63	7.51	none	
6/27/1997	1.87	8.27	none	
7/23/1997	5.61	4.53+	none	
8/25/1997	3.65	6.49	none	
9/25/1997	5.50	4.64+	none	
10/30/1997	3.17	6.97	none	
12/3/1997	4.94	5.20+	none	
12/30/1997	2.67	7.47	none	
1/28/1998	2.25	7.89	none	
3/11/1998	2.25	7.89	none	
3/30/1998	2.35	7.79	none	
4/27/1998	2.36	7.78	none	
6/1/1998	2.27	7.87	none	
6/26/1998	4.51	5.63	none	
9/17/1998	3.20	6.94	none	
12/7/1998	3.66	6.48	none	
5/3/1999	3.02	7.12	none	
8/25/1999	4.95	5.19	none	
11/29/1999	3.49	6.65	none	
4/4/2000	3.45	6.69	none	
10/3/2000	--	--	--	
	Well Destroyed May 30, 2001			

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-18	**TOC Elevation (Sept-96) =**	**10.81**	**Port of Oakland Datum**	
9/9/1996	5.59	5.22+	none	
9/18/1996	3.86	6.95	none	
9/23/1996	3.82	6.99	none	
9/30/1996	3.85	6.96	none	
10/17/1996	4.00	6.81	none	
10/28/1996	4.18	6.63	none	
12/2/1996	4.06	6.75	none	
12/30/1996	3.60	7.21	none	
1/16/1997	3.83	6.98	none	
2/28/1997	3.56	7.25	none	
3/26/1997	4.70	6.11	none	
5/5/1997	3.36	7.45	none	
6/27/1997	3.17	7.64	none	
7/23/1997	3.42	7.39	none	
8/25/1997	3.49	7.32	none	
9/25/1997	3.42	7.39	none	
10/30/1997	3.97	6.84	none	
12/3/1997	3.85	6.96	none	
12/30/1997	3.83	6.98	none	
1/28/1998	3.57	7.24	none	
3/11/1998	3.40	7.41	none	
3/30/1998	3.36	7.45	none	
4/27/1998	3.15	7.66	none	
6/1/1998	3.09	7.72	none	
6/26/1998	3.15	7.66	none	
9/17/1998	3.58	7.23	none	
12/7/1998	4.01	6.80	none	
5/3/1999	3.25	7.56	none	
8/25/1999	5.85	4.96	none	
11/29/1999	4.14	6.67	none	
4/4/2000	4.45	6.36	none	
10/3/2000	3.70	7.11	none	
5/1/2001	5.89	10.81	none	
11/27/2001	6.05	4.76	none	
7/29/2002	6.01	4.80	none	
1/21/2003	3.95	6.86	none	
Oct-04	**TOC Elevation =**	**10.82**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.92	4.90	none	
4/12/2005	6.17	4.65	none	
10/10/2005	--	--	--	well under shipping containter

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-19	TOC Elevation (Sept-96) =	10.46	Port of Oakland Datum	
9/9/1996	4.30	6.16	none	
9/18/1996	4.36	6.10	none	
9/23/1996	4.32	6.14	none	
9/30/1996	4.23	6.23	none	
10/28/1996	4.45	6.01	none	
12/2/1996	3.54	6.92	none	
12/30/1996	2.59	7.87	none	
1/16/1997	3.04	7.42	none	
2/28/1997	3.69	6.77	none	
3/26/1997	3.69	6.77	none	
5/5/1997	3.82	6.64	none	
6/27/1997	3.94	6.52	none	
7/23/1997	3.89	6.57	none	
8/25/1997	3.78	6.68	none	
9/25/1997	4.02	6.44	none	
10/30/1997	4.12	6.34	none	
12/3/1997	3.11	7.35	none	
12/30/1997	3.52	6.94	none	
1/28/1998	2.91	7.55	none	
3/11/1998	3.08	7.38	none	
3/30/1998	3.16	7.30	none	
4/27/1998	3.38	7.08	none	
6/1/1998	3.00	7.46	none	
6/26/1998	3.58	6.88	none	
9/17/1998	4.08	6.38	none	
12/7/1998	3.24	7.22	none	
5/3/1999	3.54	6.92	none	
8/25/1999	4.60	5.86	none	
11/29/1999	4.00	6.46	none	
4/4/2000	3.56	6.90	none	
10/3/2000	4.18	6.28	none	
5/1/2001	3.60	6.86	none	
11/27/2001	3.62	6.84	none	
7/29/2002	4.10	6.36	none	
1/21/2003	3.62	6.84	none	
Oct-04	TOC Elevation =	10.55	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	4.10	6.45	none	
4/12/2005	3.42	7.13	none	
10/10/2005	4.20	6.35	none	

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)
SCIMW-20	TOC Elevation (Sept-96) =	9.11	Port of Oakland Datum
9/9/1996	2.08	7.03	none
9/18/1996	2.27	6.84	none
9/23/1996	2.26	6.85	none
9/30/1996	2.34	6.77	none
10/28/1996	2.68	6.43	none
12/2/1996	1.45	7.66	none
12/30/1996	1.12	7.99	none
1/16/1997	1.44	7.67	none
2/28/1997	1.60	7.51	none
3/26/1997	1.54	7.57	none
5/5/1997	1.65	7.46	none
6/27/1997	1.92	7.19	none
7/23/1997	2.05	7.06	none
8/25/1997	1.62	7.49	none
9/25/1997	1.88	7.23	none
10/30/1997	2.02	7.09	none
12/3/1997	1.38	7.73	none
12/30/1997	1.61	7.50	none
1/28/1998	1.30	7.81	none
3/11/1998	1.35	7.76	none
3/30/1998	1.43	7.68	none
4/27/1998	1.51	7.60	none
6/1/1998	1.29	7.82	none
6/26/1998	1.76	7.35	none
9/17/1998	2.32	6.79	none
12/7/1998	1.71	7.40	none
5/3/1969	1.42	7.69	none
8/25/1999	2.19	6.92	none
11/29/1999	5.71	6.41	none
4/4/2000	1.52	7.59	none
10/3/2000	--	--	--
5/1/2001	2.09	7.02	none
	Well Destroyed May 30, 2001		

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-21	TOC Elevation (May-97) =	9.67	Port of Oakland Datum	
5/5/1997	2.23	7.44	none	
6/27/1997	2.40	7.27	none	
7/23/1997	2.75	6.92	none	
8/25/1997	2.87	6.80	none	
9/25/1997	3.00	6.67	none	
10/30/1997	3.16	6.51	none	**Well Completion Details**
12/3/1997	2.21	7.46	none	2" DIA. SCH. 40 PVC
12/30/1997	2.11	7.56	none	Well Screen (0.020" slot size)
1/28/1998	1.67	8.00	none	Screen Interval (3-18' bgs)
3/11/1998	1.27	8.40	none	Well Installed by SCI
3/30/1998	1.35	8.32	none	
4/27/1998	1.41	8.26	none	
6/1/1998	1.16	8.51	none	
6/26/1998	1.76	7.91	none	
9/17/1998	2.13	7.54	none	
12/7/1998	1.71	7.96	none	
5/3/1999	1.35	8.32	none	
8/25/1999	1.35	8.32	none	
11/29/1999	0.69	8.98	none	
4/4/2000	0.50	9.17	none	
10/3/2000	1.92	7.75	none	
5/1/2001	2.68	6.99	none	
11/27/2001	2.78	6.89	none	
7/29/2002	3.19	6.48	none	
1/21/2003	2.84	6.83	none	
Oct-04	TOC Elevation =	9.70	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	3.21	6.49	none	
4/12/2005	1.36	8.34	none	
10/10/2005	3.15	6.55	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-22	TOC Elevation (May-97) =	12.00	Port of Oakland Datum	
5/5/1997	3.78	8.22	none	
6/27/1997	4.10	7.90	none	
7/23/1997	4.34	7.66	none	
8/25/1997	4.04	7.96	none	
9/25/1997	4.31	7.69	none	
10/30/1997	4.39	7.61	none	
12/3/1997	4.05	7.95	none	
12/30/1997	4.48	7.52	none	
1/28/1998	4.03	7.97	none	
3/11/1998	4.07	7.93	none	
3/30/1998	3.87	8.13	none	
4/27/1998	4.21	7.79	none	
6/1/1998	3.59	8.41	none	
6/26/1998	4.21	7.79	none	
9/17/1998	4.76	7.24	none	
12/7/1998	3.93	8.07	none	
5/3/1999	4.34	7.66	none	
8/25/1999	5.71	6.29	none	
11/29/1999	5.19	6.81	none	
4/4/2000	4.50	7.50	none	
10/3/2000	6.64	5.36	none	
5/1/2001	5.00	7.00	none	
11/27/2001	4.65	7.35	none	
7/29/2002	4.41	7.59	none	
1/21/2003	4.68	7.32	none	
Oct-04	TOC Elevation =	12.03	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	5.95	6.08	none	
4/12/2005	4.54	7.49	none	
10/10/2005	5.79	6.24	none	

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.020" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)
SCIMW-23	TOC Elevation (May-97) =	9.74	Port of Oakland Datum
5/5/1997	4.19	5.55	none
6/27/1997	4.10	5.64	none
7/23/1997	4.43	5.31	none
8/25/1997	4.37	5.37	none
9/25/1997	--	--	--
10/30/1997	4.27	5.47	none
12/3/1997	3.24	6.50	none
12/30/1997	3.52	6.22	none
1/28/1998	3.02	6.72	none
3/11/1998	3.32	6.42	none
3/30/1998	3.35	6.39	none
4/27/1998	--	--	--
6/1/1998	--	--	--
6/26/1998	--	--	--
9/17/1998	4.28	5.46	none
12/10/1998	3.35	6.39	none
5/3/1999	3.65	6.09	none
8/25/1999	4.35	5.39	none
11/29/1999	4.18	5.56	none
4/4/2000	6.95	2.79	none
10/3/2000	4.55	5.19	none
5/1/2001	3.80	5.94	none
11/27/2001	3.58	6.16	none
7/29/2002	--	--	--
1/21/2003	--	--	--
	Well Destroyed September 30, 2004		

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.020" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-24	TOC Elevation (May-97) =	9.74	Port of Oakland Datum	
5/5/1997	5.30	4.44	none	
6/27/1997	4.85	4.89	none	
7/23/1997	4.79	4.95	none	
8/25/1997	4.28	5.46	none	
9/25/1997	4.45	5.29	none	
10/30/1997	4.67	5.07	none	**Well Completion Details**
12/3/1997	3.63	6.11	none	2" DIA. SCH. 40 PVC
12/30/1997	3.58	6.16	none	Well Screen (0.020" slot size)
1/28/1998	3.58	6.16	none	Screen Interval (3-18' bgs)
3/11/1998	--	--	--	Well Installed by SCI
3/30/1998	4.23	5.51	none	
4/27/1998	4.55	5.19	none	
6/1/1998	3.96	5.78	none	
6/26/1998	4.21	5.53	none	
9/17/1998	4.78	4.96	none	
12/7/1998	3.95	5.79	none	
5/3/1999	4.60	5.14	none	
8/25/1999	5.15	4.59	0.50	
11/29/1999	4.75	4.99	none	
4/4/2000	4.69	5.05	none	
10/3/2000	4.79	4.95	none	
5/2/2001	4.80	4.94	none	
11/27/2001	4.37	5.37	none	
7/29/2002	4.57	5.17	none	
1/21/2003	4.00	5.74	none	
Oct-04	TOC Elevation =	9.72	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	4.61	5.11	none	
4/12/2004	3.99	5.73	trace	
10/10/2005	4.76	4.96	trace	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-25	TOC Elevation (May-97) =	8.30	Port of Oakland Datum	
5/5/1997	1.00	7.30	none	
6/27/1997	2.11	6.19	none	
7/23/1997	1.94	6.36	none	
8/25/1997	1.53	6.77	none	
9/25/1997	1.46	6.84	none	
10/30/1997	1.08	7.22	none	
12/3/1997	0.87	7.43	none	
12/30/1997	0.83	7.47	none	
1/28/1998	0.70	7.60	none	
3/11/1998	0.50	7.80	none	
3/30/1998	0.65	7.65	none	
4/27/1998	0.73	7.57	none	
6/1/1998	0.55	7.75	none	
6/26/1998	0.75	7.55	none	
9/17/1998	1.11	7.19	none	
12/7/1998	0.86	7.44	none	
5/3/1999	0.88	7.42	none	
8/25/1999	1.23	7.07	none	
11/29/1999	0.60	7.70	none	
4/4/2000	0.42	7.88	none	
	Well Destroyed May 30, 2001			

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.020" slot size)
Screen Interval (3-18' bgs)
Well Installed by SCI

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-26	**TOC Elevation (May-97) =**	**11.33**	**Port of Oakland Datum**	
5/5/1997	3.18	8.15	none	
6/27/1997	3.31	8.02	none	
7/23/1997	3.46	7.87	none	
8/25/1997	3.21	8.12	none	
9/25/1997	3.42	7.91	none	
10/30/1997	3.56	7.77	none	**Well Completion Details**
12/3/1997	2.55	8.78	none	2" DIA. SCH. 40 PVC
12/30/1997	3.25	8.08	none	Well Screen (0.020" slot size)
1/28/1998	2.93	8.40	none	Screen Interval (3-20' bgs)
3/11/1998	3.98	7.35	none	Well Installed by SCI
3/30/1998	4.13	7.20	none	
4/27/1998	3.93	7.40	none	
6/1/1998	3.56	7.77	none	
6/26/1998	3.65	7.68	none	
9/17/1998	3.92	7.41	none	
12/7/1998	3.25	8.08	none	
5/3/1999	3.68	7.65	none	
8/25/1999	3.61	7.72	none	
11/29/1999	3.41	7.92	none	
4/4/2000	3.90	7.43	none	
10/3/2000	3.41	7.92	none	
5/1/2001	--	--	--	
11/27/2001	--	--	--	
7/29/2002	3.82	7.51	none	
1/21/2003	2.70	8.63	none	
Oct-04	**TOC Elevation =**	**11.42**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	3.67	7.75	none	
4/12/2005	3.14	8.28	none	
10/10/2005	3.98	7.44	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-27	TOC Elevation (May-97) =	11.43	Port of Oakland Datum	
5/5/1997	4.98	6.45	none	
6/27/1997	4.85	6.58	none	
7/23/1997	4.80	6.63	none	
8/25/1997	4.81	6.62	none	
9/25/1997	4.85	6.58	none	
10/30/1997	4.91	6.52	none	**Well Completion Details**
12/3/1997	4.74	6.69	none	2" DIA. SCH. 40 PVC
12/30/1997	4.75	6.68	none	Well Screen (0.020" slot size)
1/28/1998	4.37	7.06	none	Screen Interval (3-18' bgs)
3/11/1998	4.70	6.73	none	Well Installed by SCI
3/30/1998	4.71	6.72	none	
4/27/1998	4.53	6.90	none	
6/1/1998	4.74	6.69	none	
6/26/1998	4.74	6.69	none	
9/17/1998	4.85	6.58	none	
12/7/1998	4.77	6.66	none	
5/4/1999	4.91	6.52	none	
8/25/1999	4.95	6.48	none	
11/29/1999	4.91	6.52	none	
4/4/2000	3.78	7.65	none	
10/3/2000	4.90	6.53	none	
5/1/2001	4.80	6.63	none	
11/27/2001	4.76	6.67	none	
7/29/2002	4.83	6.60	none	
1/21/2003	4.76	6.67	none	
Oct-04	TOC Elevation =	11.49	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	5.00	6.49	none	
4/12/2005	4.77	6.72	none	
10/10/2005	4.99	6.50	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-28	TOC Elevation (May-97) =	13.30	Port of Oakland Datum	
5/5/1997	4.96	8.34	none	
6/27/1997	5.12	8.18	none	
7/23/1997	--	--	--	
8/25/1997	5.04	8.26	none	
9/25/1997	5.23	8.07	none	
10/30/1997	5.39	7.91	none	**Well Completion Details**
12/3/1997	4.47	8.83	none	2" DIA. SCH. 40 PVC
12/30/1997	4.72	8.58	none	Well Screen (0.020" slot size)
1/28/1998	4.16	9.14	none	Screen Interval (3-20' bgs)
3/11/1998	4.20	9.10	none	Well Installed by SCI
3/30/1998	4.27	9.03	none	
4/27/1998	4.41	8.89	none	
6/1/1998	4.25	9.05	none	
6/26/1998	4.70	8.60	none	
9/17/1998	5.47	7.83	none	
12/7/1998	4.64	8.66	none	
5/3/1999	4.32	8.98	none	
8/25/1999	5.44	7.86	none	
11/29/1999	5.04	8.26	none	
4/4/2000	3.56	9.74	none	
10/3/2000	5.51	7.79	none	
5/1/2001	4.53	8.77	none	
11/27/2001	5.11	8.19	none	
7/29/2002	5.37	7.93	none	
1/21/2003	4.60	8.70	none	
Oct-04	TOC Elevation =	13.32	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	5.51	7.81	none	
4/12/2005	4.39	8.93	none	
10/10/2005	10.00	3.32	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-31D	**TOC Elevation (Oct-97) =**	**11.92**	**Port of Oakland Datum**	
10/30/1997	7.69	4.23	none	
12/3/1997	7.58	4.34	none	**Extends into Merritt Sand Formation**
12/30/1997	7.47	4.45	none	**Below Estuarine Deposits.**
1/28/1998	7.37	4.55	none	**Displays Confined Aquifer Characteristics.**
3/11/1998	7.20	4.72	none	
3/30/1998	7.35	4.57	none	
4/27/1998	7.54	4.38	none	
6/1/1998	7.57	4.35	none	
6/26/1998	7.63	4.29	none	
9/17/1998	7.58	4.34	none	**Well Completion Details**
12/7/1998	7.90	4.02	none	2" DIA. SCH. 40 PVC
5/3/1999	7.91	4.01	none	Well Screen (0.020" slot size)
8/25/1999	7.85	4.07	none	Screen Interval (39-49' bgs)
11/29/1999	7.79	4.13	none	Well Installed by SCI
4/4/2000	--	--	--	
10/3/2000	7.60	4.32	none	
5/1/2001	7.90	4.02	none	
11/27/2001	7.45	4.47	none	
7/29/2002	7.87	4.05	none	
1/21/2003	7.09	4.83	none	
Oct-04	**TOC Elevation =**	**11.92**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	6.55	5.37	none	
4/12/2005	6.11	5.81	none	
10/10/2005	6.56	5.36	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-32	TOC Elevation (Oct-97) =	12.75	Port of Oakland Datum	
10/30/1997	5.02	7.73	none	
12/3/1997	4.50	8.25	none	
12/30/1997	4.59	8.16	none	
1/28/1998	--	--	--	
3/11/1998	4.17	8.58	none	
3/30/1998	4.39	8.36	none	**Well Completion Details**
4/27/1998	4.34	8.41	none	2" DIA. SCH. 40 PVC
6/1/1998	4.33	8.42	none	Well Screen (0.020" slot size)
6/26/1998	4.53	8.22	none	Screen Interval (4-21' bgs)
9/17/1998	5.04	7.71	none	Well Installed by SCI
12/7/1998	4.51	8.24	none	
5/3/1999	4.32	8.43	none	
8/25/1999	7.80	4.95	none	
11/29/1999	4.71	8.04	none	
4/4/2000	4.65	8.10	none	
10/3/2000	5.50	7.25	none	
5/1/2001	4.35	8.40	none	
11/27/2001	4.91	7.84	none	
7/29/2002	5.38	7.37	none	
1/21/2003	4.09	8.66	none	
Oct-04	TOC Elevation =	12.79	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	5.00	7.79	none	
4/12/2005	3.78	9.01	none	
10/10/2005	5.00	7.79	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-34	TOC Elevation (Oct-97) =	10.93	Port of Oakland Datum	
10/30/1997	6.05	4.88	none	
12/3/1997	5.48	5.45	none	
12/30/1997	5.43	5.50	none	
1/28/1998	5.30	5.63	none	
3/11/1998	6.01	4.92	none	
3/30/1998	5.82	5.11	none	Well Completion Details
4/27/1998	6.14	4.79	none	2" DIA. SCH. 40 PVC
6/1/1998	6.05	4.88	none	Well Screen (0.020" slot size)
6/26/1998	5.81	5.12	none	Screen Interval (4-17' bgs)
9/17/1998	6.06	4.87	none	Well Installed by SCI
12/7/1998	6.02	4.91	none	
5/3/1999	6.44	4.49	none	
8/25/1999	6.86	4.07	none	
11/29/1999	6.23	4.70	none	
4/4/2000	5.43	5.50	none	
10/3/2000	4.99	5.94	none	
5/1/2001	6.47	4.46	none	
11/27/2001	6.15	4.78	none	
7/29/2002	--	--	--	
1/21/2003	5.84	5.09	none	
Oct-04	TOC Elevation =	10.88	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	6.00	4.88	none	
4/12/2005	5.92	4.96	none	
10/10/2005	6.23	4.65	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-35	TOC Elevation (Oct-97) =	10.10	Port of Oakland Datum	
10/30/1997	5.23	4.87	none	
12/3/1997	4.06	6.04	none	
12/30/1997	4.01	6.09	none	
1/28/1998	4.30	5.80	none	
3/11/1998	4.98	5.12	none	
3/30/1998	4.90	5.20	none	**Well Completion Details**
4/27/1998	5.23	4.87	none	2" DIA. SCH. 40 PVC
6/1/1998	5.01	5.09	none	Well Screen (0.020" slot size)
6/26/1998	4.97	5.13	none	Screen Interval (3-17' bgs)
9/17/1998	5.36	4.74	none	Well Installed by SCI
12/7/1998	4.95	5.15	none	
5/3/1999	5.60	4.50	none	
8/25/1999	5.95	4.15	none	
11/29/1999	5.47	4.63	none	
4/4/2000	5.55	4.55	none	
10/3/2000	4.57	5.53	none	
5/1/2001	5.91	4.19	none	
11/27/2001	5.29	4.81	none	
7/29/2002	--	--	--	
1/21/2003	5.02	5.08	none	
Oct-04	TOC Elevation =	10.12	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	5.28	4.84	none	
4/12/2005	4.25	5.87	none	
10/10/2005	5.52	4.60	none	

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
Oil Filled Manhole	**TOC Elevation (Dec-96) =**	**12.39**	**Port of Oakland Datum**	
12/30/1996	6.22	6.17	trace	
1/16/1997	8.00	4.39	0.01	**Hydraulically Connected to Bay water. Tidally Influenced.**
2/28/1997	8.42	3.97	0.01	
3/26/1997	8.42	3.97	trace	
5/5/1997	8.51	3.88	0.06	
6/27/1997	8.42	3.97	trace	
7/23/1997	8.42	3.97	trace	
8/25/1997	7.67	4.72	trace	
9/25/1997	6.17	6.22	trace	
10/30/1997	6.42	5.97	0.00	
12/3/1997	8.08	4.31	trace	
12/30/1997	4.50	7.89	trace	
1/28/1998	6.00	6.39	trace	
3/11/1998	5.92	6.47	trace	
3/30/1998	8.33	4.06	trace	
4/27/1998	8.50	3.89	trace	
6/1/1998	8.33	4.06	trace	
6/26/1998	8.42	3.97	trace	
9/17/1998	8.42	3.97	trace	
12/7/1998	8.33	4.06	trace	
5/2/1998	--	--	0.50	
8/25/1999	--	--	4.50	
11/29/1999	--	--	trace	
4/4/2000	5.25	7.14	trace	
10/3/2000	4.57	7.82	none	
5/2/2001	7.70	4.69	none	
11/27/2001	8.48	3.91	none	
7/29/2002	8.50	3.89	none	
1/21/2003	7.42	4.97	none	
9/30/2004	5.58	6.81	trace	
4/12/2005	8.11	4.28	trace	
10/10/2005	8.40	3.99	trace	

Notes:
All elevations presented reference the Port of Oakland datum
-- = not measured
NA = Data not available
+ = Elevation is probably not static

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
MW-1	Uribe	F	4/4/1994	5.90	--	<50	**510**	--	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
MW-1	Uribe	F	10/3/1994	4.36	--	--	**390 y**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-1	Clayton	F	4/10/1995	5.05	--	<50	**330**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-1	Clayton	F	7/24/1995	4.97	--	<50	**230**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-1	Clayton	F	11/10/1995	4.47	--	<50	**430**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-1	Clayton/SCI	F	2/20/1996	5.50	--	<50	**590 yh**	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--
MW-1	SCI	F	5/24/1996	4.95	--	<50	**870 yh**	**630 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-1	SCI	F	9/6/1996	4.34	--	<50	**850 yh**	**490 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-1	SCI	F	12/5/1996	5.19	--	<50	**4,500 yhl**	**2,100 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-1	SCI	F	9/25/1998	4.68	--	--	<47	<280	--	--	--	--	--	--	--	--	--	--	--
MW-1	SCI	F	12/3/1999	4.59	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-1	SCI	F	5/31/2001	**Well Destroyed**															
MW-2	Uribe	F	4/4/1994	5.31	--	<50	**1,800**	--	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
MW-2	Uribe	F	10/5/1994	5.39	--	--	**1,200 y**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-2	Clayton	F	4/10/1995	6.29	--	<50	**550**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-2	Clayton	F	7/24/1995	5.91	--	**70**	**960**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-2	Clayton	F	11/10/1995	5.73	--	<50	**920**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-2	Clayton/SCI	F	2/20/1996	6.51	--	<50	**1,700 h**	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--
MW-2	SCI	F	5/24/1996	5.91	--	<50	**2,800 yh**	**1,200 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-2	SCI	F	9/5/1996	6.34	--	**58z**	**2,900**	**760 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-2	SCI	F	12/4/1996	6.02	--	<50	**1,600 y**	**1,000 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-2	SCI	F	9/23/1998	5.29	--	--	**80 yl**	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	SCI	F	12/3/1999	5.27	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	SCI	F	10/13/2000	5.04	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
MW-2	SCI	F	12/3/2001	5.15*	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	SCI	F	1/21/2003	5.10	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	Fugro	F	10/4/2004	5.35	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	Fugro	F	10/7/2005	2.75	--	--	**58**	<500	--	--	--	--	--	--	--	--	--	--	--
MW-3	Uribe	F	4/4/1994	5.95	--	<50	**690**	--	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
MW-3	Uribe	F	10/4/1994	4.74	--	--	**480 y**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-3	Clayton	F	4/10/1995	2.54	--	<50	**830**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-3	Clayton	F	7/24/1995	6.56	--	<50	**460**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-3	Clayton	F	11/10/1995	5.07	--	<50	**2,100**	--	<0.4	<0.3	**0.7**	<0.4	--	--	--	--	--	--	--
MW-3	Clayton/SCI	F	2/20/1996	6.04	--	<50	**620 h**	--	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--
MW-3	SCI	F	5/24/1996	5.69	--	<50	**1,100 yh**	**550 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-3	SCI	F	9/18/1996	3.76	--	<50	**1,500**	**890 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-3	SCI	F	12/13/1996	5.34	--	<50	**580**	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-3	SCI	F	9/29/1998	5.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	SCI	F	12/3/1999	5.44	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-3	SCI	F	10/6/2000	5.77	--	--	<50	<300	--	--	--	--	<0.5	--	--	--	--	--	--
MW-3	SCI	F	12/10/2001	2.31	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-3	SCI	F	1/23/2003	5.16	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-3	Fugro	F	11/3/2004	5.85	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-3	Fugro	F	10/7/2005	-2.73	--	--	<50	<500	--	--	--	--	--	--	--	--	--	--	--
MW-4	Clayton	F	9/20/93 (b)	6.18	--	<50	1300	--	**140**	**40**	**110**	**235**	--	--	--	--	--	--	--
MW-4	Clayton	F	12/1/93 (b)	7.88	--	<50	32,000	--	**71**	**20**	**41**	**150**	--	--	--	--	--	--	--
MW-4	Uribe	F	4/4/94 (b)	7.78	--	**6,200**	**410,000**	--	**140**	**47**	**20**	**310**	--	--	--	--	--	--	--
MW-4	Clayton	F	4/10/1995	8.18	FREE PRODUCT -- NOT SAMPLED														

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
MW-4	Clayton	F	7/24/1995	8.33 (b)	--	**2,400**	**21,000**	--	**140**	**34**	**74**	**40**	--	--	--	--	--	--	--
MW-4	SCI	F	5/24/1996	9.02 (b)	--	**690 y**	**37,000**	**2,800 yl**	**44**	**18**	<2.5	**7.7**	--	--	--	--	--	--	--
MW-4	SCI	F	9/4/1996	7.33 (b)	--	**1,000 h**	**240,000**	**26,000 yl**	**100**	**5.2**	<0.5	**7.2**	--	--	--	--	--	--	--
MW-4	SCI	F	12/3/1996	8.76 (b)	--	**1,500 yh**	**13,000**	**2,000 yl**	**120**	**33**	**0.9**	**22**	--	--	--	--	--	--	--
MW-4	SCI	F	12/30/1996	9.04	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	1/16/1997	8.76	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	5/5/1997	8.06	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	9/17/1998	7.53	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	8/25/1999	7.33	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	12/3/1999	6.81	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	4/4/2000	NM	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	10/3/2000	NR	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	5/2/2000	8.13	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	7/31/2002	9.13	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	1/23/2003	6.98*	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	10/1/2004	6.85	FREE PRODUCT -- NOT SAMPLED														
MW-4 FP	Fugro	F	10/4/2004	6.32	--	--	**fingerprint matches diesel**		<500	<500	<500	**5,660**	<2,000	--	--	--	--	--	--
MW-4 Free Product	Fugro	F	10/5/2005	6.84	--	<1300 **	**960000 B,D**	<29,000	<100,000	<100,000	<100,000	<200,000	<100,000	--	--	--	--	--	--
MW-5	Clayton	F	4/10/1995	7.20	--	**1,100**	**6,200**	--	**3.1**	**2.9**	**<0.3**	**11.3**	--	--	--	--	--	--	--
MW-5	Clayton	F	7/24/1995	6.60	--	**720**	**4,800**	--	**3.1**	**0.6**	**0.5**	**0.7**	--	--	--	--	--	--	--
MW-5	Clayton	F	11/10/1995	6.46	--	**260**	**3,700**	--	**0.8**	**0.6**	**0.5**	**1.9**	--	--	--	--	--	--	--
MW-5	Clayton/SCI	F	2/20/1996	9.15	--	**150 y**	**440 h**	--	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--
MW-5	SCI	F	5/24/1996	9.17	--	**82 y**	**4,600 yh**	**1,900 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F	9/4/1996	6.40	--	<50	**7,700 yh**	**1,900 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
MW-5	SCI	F	12/3/1996	7.20	--	**140 yh**	**13,000**	**1,900 yl**	**1.5**	<0.5	<0.5	**2.6**	--	--	--	--	--	--	--
MW-5	SCI	F	1/20/1997	8.38	--	<50	**9,400**	**1,500 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F/H	5/6/1997	6.45	<5,000	<50	**8,800**	**2,500 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F/H	9/23/1998	6.40	--	<50	**170 l**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F/H	5/7/1999	6.59	--	<50	**660**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F/H	12/3/1999	6.53	--	--	**490 yh**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F/H	10/6/2000	6.56	--	<50	**600**	<300	<0.5	<0.5	<0.5	<0.5	**1.3**	--	--	--	--	--	--
MW-5	SCI	F/H	5/5/2001	6.74	--	**91 yh**	**2,400**	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-5	SCI	F/H	12/10/2001	6.45	--	<50	**420 yh**	<300	<0.5	<0.5	<0.5	<0.5	**0.8**	--	--	--	--	--	--
MW-5	SCI	F/H	7/31/2002	6.26	--	--	**510 yh**	<300	<0.5	<0.5	<0.5	<0.5	**0.5**	--	--	--	--	--	--
MW-5	SCI	F/H	1/24/2003	6.92	--	--	**3,900**	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-5	Fugro	F/H	10/1/2004	6.37	--	--	**96 y**	<300	--	--	--	--	--	--	--	--	--	--	--
MW-5	Fugro	F/H	10/5/2005	6.32	--	--	**510**	<500	--	--	--	--	--	--	--	--	--	--	--
MW-6	Clayton	F	4/10/1995	7.74 (b)	--	**1,300**	**10,000**	--	**4.4**	**0.7**	**<0.3**	**0.8**	--	--	--	--	--	--	--
MW-6	SCI	F	7/24/1995	6.67	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	5/24/1996	7.71 (b)	--	**280,000 yh**	**240,000**	**5,500 yl**	<250	<250	<250	<250	--	--	--	--	--	--	--
MW-6	SCI	F	9/5/1996	6.67 (b)	**89,000**	**200h**	**50,000**	**3,200 yl**	**5.3**	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
MW-6	SCI	F	12/4/1996	7.90 (b)	--	**4,700 yh**	**140,000**	**7,300 yl**	**19**	<10	**11**	<10	--	--	--	--	--	--	--
MW-6	SCI	F	1/16/1997	7.63	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F/H	5/6/1997	7.04 (b)	**330,000**	**440 yh**	**620,000**	**24,000 yl**	**2.4**	<0.5	**0.51**	**0.61**	--	--	--	--	--	--	--
MW-6	SCI	F	9/25/1997	7.97	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	5/4/1999	7.21	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	12/3/1999	6.98	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	10/4/2000	6.25	FREE PRODUCT -- NOT SAMPLED														

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PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
MW-6	SCI	F	7/31/2002	6.25	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	1/23/2003	6.05	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	10/1/2004		FREE PRODUCT -- NOT SAMPLED														
MW-6 FP	Fugro	F	9/30/2004	3.92	--	--	fingerprint matches diesel		<1,300	<1,300	<1,300	<1,300	<5,000	--	--	--	--	--	--
MW-7	Clayton	M	4/10/1995	5.72	--	<50	**370**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-7	Clayton	M	7/24/1995	6.41	--	<50	**260**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-7	Clayton	M	11/10/1995	5.35	--	<50	**270**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-7	Clayton/SCI	M	2/20/1996	6.00	--	<50	**6,100**	--	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--
MW-7	SCI	M	5/24/1996	5.44	--	<50	**750 yh**	**750 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-7	SCI	M	9/5/1996	5.48	<5,000	<50	**480 yh**	**310 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
MW-7	SCI	M	12/4/1996	5.25	--	<50	**340 y**	<240	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-7	SCI	M	1/17/1997	6.48	--	<50	**200**	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	5/24/1996	5.09	<5,000	<50	**560 yh**	280y	<5.0	<5.0	<5.0	<5.0	--	<0.09	<0.09	<0.09	ND	<0.5	ND
SCIMW-1	SCI	E/H	9/6/1996	4.39	<5,000	<50	**870 yh**	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-1	SCI	E/H	1/22/1997	5.29	--	<50	**520 yh**	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	9/22/1998	5.02	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	12/2/1999	4.56	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	10/6/2000	4.75	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	12/3/2001	5.38	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	1/21/2003	5.73	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	5/23/1996	4.04	**5,600**	--	**2,600 l**	**360 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-2	SCI	N	9/4/1996	3.38	**8,000**	<50	**5,100**	**770 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-2	SCI	N	1/17/1997	3.82	--	**95y**	**13,000 l**	**2,400 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-2	SCI	N	9/18/1998	4.07	--	--	**31,000 h**	**5,400 yl**	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-2	SCI	N	12/28/1998	3.52	--	--	**5,400h**	**930 yl**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	5/7/1999	4.52	--	--	**10,000**	**1,600 yl**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	8/26/1999	3.00	--	--	**13,000**	**1,600**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	12/2/1999	3.85	--	--	**7,400 h**	**860 yl**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	4/6/2000	2.83	--	--	**220**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	10/10/2000	4.75	--	--	**1,100 hy**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	5/3/2001	3.11	--	--	**3,000**	**730 yl**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	11/30/2001	6.23	--	--	**1,900 hy**	**360 yl**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	7/31/2002	2.92	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	1/21/2003	5.79	--	--	**120 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	Fugro	N	10/4/2004	3.24	--	--	**350 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	Fugro	N	10/6/2005	4.29	--	--	**6,700**	**1,100**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	SCI	I/J	5/23/1996	7.22	<5,000	--	**8,000yh**	**7,400y**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-3	SCI	I/J	9/5/1996	6.67	<5,000	<50	**8,800 yh**	**4,400 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-3	SCI	I/J	1/20/1997	6.46	--	<50	**7,500 yh**	**5,200 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-3	SCI	I/J	9/18/1998	4.29	--	--	**75 yh**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	SCI	I/J	11/30/1999	6.17	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	SCI	I/J	10/10/2000	6.49	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	SCI	I/J	11/28/2001	5.87	--	--	**120 yh**	**500**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	SCI	I/J	1/21/2003	7.73	--	--	**1,700 yh**	**7,300**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	Fugro	I/J	10/4/2004	6.32	--	--	**1,700 yh**	**7,400**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	Fugro	I/J	10/5/2005	6.50	--	--	**610**	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-4	SCI	L	8/26/1996	5.50	<5,000	<50	**630 yh**	**670 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-4	SCI	L	1/22/1997	8.43	--	<50	**530 yh**	**990 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--

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PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-4	SCI	L	9/23/1998	6.20	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-4	SCI	L	12/3/1999	6.82	--	--	**56 yh**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-5	SCI	M	9/3/1996	4.63	<5,000	<50	<50	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-5	SCI	M	1/20/1997	6.12	--	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-5	SCI	M	9/23/1998	5.78	--	--	**70 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-5	SCI	M	12/17/1998	5.64	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-5	SCI	M	5/10/1999	5.26	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-5	SCI	M	12/2/1999	5.74	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-5	SCI	M	5/31/2001	**Well Destroyed**															
SCIMW-6	SCI	C	8/28/1996	4.69	<5,000	<50	**150 yh**	**260 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-6	SCI	C	1/22/1997	4.68	--	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	--	<0.09	<0.09	<0.09	ND	<0.5	ND
SCIMW-6	SCI	C	9/23/1998	4.38	--	--	<50	<300	--	--	--	--	--	<0.09	<0.09	<0.09	ND	<0.5	ND
SCIMW-6	SCI	C	12/10/98 (a)	3.91	--	--	<47	<280	--	--	--	--	--	<0.1	<0.1	<0.1	ND	<0.5	ND
SCIMW-6	SCI	C	5/6/1999	4.39	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-6	SCI	C	12/2/1999	4.00	--	--	<50	<300	--	--	--	--	--	<0.1	<0.1	<0.5	ND	<0.5	ND
SCIMW-7	SCI	P/Q	9/6/1996	3.31+	<5,000	**540**	**6,100 y**	**1,900 yl**	**5,300**	<1,300	<1,300	<1,300	--	--	--	--	--	<1.0	ND
SCIMW-7	SCI	P/Q	1/20/1997	7.32	--	**6,900 z**	**11,000 y**	**7,500 yl**	**8,600**	<25	**7,200**	**103**	--	--	--	--	--	--	--
SCIMW-7	SCI	P/Q	10/20/1997	6.96	<5,000	**9,100 yl**	**6,100 yh**	**2,500 yl**	**5,100**	**15**	**3,800**	**134**	--	**0.78**	**0.32**	<0.094	**	<0.47	ND
SCIMW-7	SCI	P/Q	9/22/1998	5.74	--	--	<50	<300	**1,100**	<250	**480**	<250	--	<0.1	<0.1	<0.1	ND	<0.5	ND
SCIMW-7	SCI	P/Q	5/6/1999	7.40	--	--	--	--	--	--	--	--	--	<1.0	<1.0	<1.0	ND	<4.8	ND
SCIMW-7	SCI	P/Q	12/2/1999	5.56	--	--	<50	<300	**690**	<5.0	**280**	**7.3**	--	<9.4	<9.4	<9.4	ND	<47	ND
SCIMW-7	SCI	P/Q	10/5/2000	8.25	--	--	<50	<300	**850**	<2.5	**370**	**14.4**	<2.5	<0.1	<0.1	<0.1	ND	<0.5	ND
SCIMW-7	SCI	P/Q	5/3/2001	7.56	--	--	--	--	**6,000**	<420	**7,800**	<420	<420	<1.0	<1.0	<1.0	ND	<5.0	ND
SCIMW-7	SCI	P/Q	11/30/2001	7.28	--	--	**1,900 ly**	<300	**4,500**	<3,100	**6,100**	<3,100	<3,100	<0.096	<0.096	<0.096	ND	<5.0	ND

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-7	SCI	P/Q	7/30/2002	6.49	--	--	--	--	**750**	<31	**200**	<31	--	**0.099**	<0.096	<0.096	ND	<5.0	ND
SCIMW-7	SCI	P/Q	1/21/2003	7.47	--	--	<50	<300	**490**	<10	<10	<10	<10	**0.21**	<0.094	<0.094	ND	<5.0	ND
SCIMW-7	Fugro	P/Q	10/6/2004	6.57	--	**3,400**	<50	<300	**1,400**	**6.6**	**330**	**41**	<360	**1.0**	<0.1	<0.1	**0.3 endo**	--	--
SCIMW-7 Dup	Fugro	P/Q	10/6/2004	6.57	--	--	--	--	**1,400**	<360	<360	<360	<360	--	--	--	--	--	--
SCIMW-7	Fugro	P/Q	1/10/2005	8.35	--	**160**	<50	<300	**72**	**1.2**	**15**	**8.2**	<20	**0.6**	<0.1	<0.1	ND	--	--
SCIMW-7	Fugro	P/Q	4/12/2005	7.57	--	**7,800**	**260 ly**	<300	**1,800**	<170	**1,200**	<170	<170	**1.0 #**	<0.5	<0.5 #	ND	--	--
SCIMW-7	Fugro	P/Q	7/20/2005	7.58	--	**630**	<40	<240	**180**	<17	**160**	<34	<17	**3.1**	**0.2**	<0.1	ND	--	--
SCIMW-7	Fugro	P/Q	10/6/2005	7.12	--	**28,000**	**580**	<500	**2,400**	<200	**1,200**	<400	<2000	**1.1**	<0.082	<0.082	ND	--	--
SCIMW-8	SCI	I	8/26/1996	7.11	<5,000	<50	**1,200 yh**	**1,400 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-8	SCI	I	1/21/1997	7.70	--	<50	**860 yh**	**830 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-8	SCI	I	9/18/1998	7.25	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	SCI	I	11/30/1999	7.36	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	SCI	I	10/10/2000	7.50	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	SCI	I	11/28/2001	7.51	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	SCI	I	1/21/2003	7.63	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	Fugro	I	9/30/2004	7.29	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	Fugro	I	10/5/2005	7.12	--	--	<50	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-9	SCI	I	8/26/1996	6.40	**5,000**	<50	**1,800 yh**	**1,100 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-9	SCI	I	1/23/1997	6.66	--	<50	**1,900 yh**	**2,300**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-9	SCI	I	9/22/1998	6.64	--	--	**95 yh**	**600 yh**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-9	SCI	I	12/1/1999	6.69	--	--	<50	**480**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-9	SCI	I	10/10/2000	6.61	--	--	<50	**470**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-9	SCI	I	11/28/2001	7.50	--	--	**140 yh**	**830**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-9	SCI	I	1/21/2003	7.41	--	--	**1,100 yh**	**7,000**	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-9	Fugro	I	9/30/2004	6.16	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-9	Fugro	I	10/5/2005	6.54	--	--	**87**	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-10	SCI	J	8/26/1996	7.95	<5,000	<50	**1,100yh**	**1,200 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-10	SCI	J	1/23/1997	7.87	--	<50	**1,400 yh**	**2,500**	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--
SCIMW-10	SCI	J	9/18/1998	7.64	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-10	SCI	J	12/1/1999	5.98	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-10	SCI	J	10/10/2000	6.57	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-10	SCI	J	12/3/2001	5.85	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-10	SCI	J	1/21/2003	5.89	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-11	SCI	N	8/28/1996	3.83	<5,000	<50	**400 yhl**	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-11	SCI		1/17/1997	4.32	--	<50	**180**	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	9/23/1998	4.72	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	12/10/1998	3.32	--	**51**	<59	<350	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	5/6/1999	3.48	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-11	SCI	N	12/1/1999	4.07	--	**110**	<50	<300	**0.86**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	10/4/2000	4.00	--	**69**	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	5/3/2001	2.54	--	**140**	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	11/28/2001	5.94	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	7/30/2002	2.64	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	1/21/2003	3.59	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	Fugro	N	10/1/2004	2.79	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	Fugro	N	10/5/2005	4.22	--	<50	<50	<500	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--
SCIMW-12	SCI	O	8/29/1996	4.09	<5,000	<50	<50	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-12	SCI	O	1/17/1997	4.53	--	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-12	SCI	O	9/18/1998	4.14	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-12	SCI	O	12/11/1998	3.73	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-12	SCI	O	5/6/1999	3.75	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-12	SCI	O	11/30/1999	4.03	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	SCI	J	1/23/1997	6.93	--	<50	**3,400 yh**	**3,900**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-13	SCI	J	9/18/1998	7.42	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	SCI	J	12/1/1999	6.73	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	SCI	J	10/5/2000	7.04	--	--	**400 h**	**1,500**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	SCI	J	11/28/2001	6.77	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	SCI	J	1/21/2003	7.00	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	Fugro	J	9/30/2004	6.87	--	--	**80**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	Fugro	J	10/5/2005	7.09	--	--	**150**	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-14	SCI	I/J	8/29/1996	5.36	**6,000**	<50	**2,200 yh**	**1,400 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-14	SCI	I/J	1/21/1997	5.64	--	<50	**570 yh**	**420 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-14	SCI	I/J	9/18/1998	5.48	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-14	SCI	I/J	5/4/1999	6.00	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-14	SCI	I/J	11/30/1999	5.30	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-14	SCI	I/J	5/31/2001	**Well Destroyed**															
SCIMW-15	SCI	I/J	8/29/1996	4.85	<5,000	<50	**2,100 yh**	**1,600 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-15	SCI	I/J	1/17/1997	5.01	--	<50	**2,500 h**	**1,600 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	9/21/1998	5.17	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	5/4/1999	5.15	--	--	**75 ylh**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	11/30/1999	4.71	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	10/11/2000	4.97	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-15	SCI	I/J	5/3/2001	5.05	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	12/3/2001	8.60	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	7/31/2002	5.07*	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	1/22/2003	5.12	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	Fugro	I/J	10/1/2004	4.97	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	Fugro	I/J	10/6/2005	8.56	--	--	**94**	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-16	SCI	R	8/30/1996	6.81	<5,000	<50	**180**	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-16	SCI	R	1/22/1997	7.03	--	<50	**290 yh**	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-16	SCI	R	9/22/1998	7.04	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-16	SCI	R	5/4/1999	6.68	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-16	SCI	R	11/30/1999	6.66	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-17	SCI	R	8/29/1996	6.55	<5,000	<50	**190 yh**	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-17	SCI	R	1/22/1997	7.67	--	<50	**330 yh**	**500 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-17	SCI	R	9/21/1998	6.94	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-17	SCI	R	12/1/1999	6.65	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-17	SCI	R	5/30/2001	**Well Destroyed**															
SCIMW-18	SCI	L	9/6/1996	5.22+	<5,000	<50	**2,200 yh**	**1,600 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-18	SCI	L	1/20/1997	6.98	--	<50	**1,900 yh**	**1,900 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-18	SCI	L	9/24/1998	7.23	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-18	SCI	L	12/1/1999	6.67	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-18	SCI	L	10/11/2000	7.11	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-18	SCI	L	12/3/2001	4.76	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-18	SCI	L	1/21/2003	6.86	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-19	SCI	R	8/30/1996	6.16	<5,000	<50	**180**	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND

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CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-19	SCI	R	1/21/1997	7.42	--	<50	**150 yh**	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-19	SCI	R	9/18/1998	6.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-19	SCI	R	12/2/1999	6.46	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-20	SCI	H/Q	9/3/1996	7.03	<5,000	<50	**330 y**	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-20	SCI	H/Q	1/20/1997	7.67	--	<50	**340 yh**	**290 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-20	SCI	H/Q	9/22/1998	6.79	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-20	SCI	H/Q	12/2/1999	3.40	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-20	SCI	H/Q	5/30/2001	**Well Destroyed**															
SCIMW-21	SCI	D	5/6/1997	7.44	<5,000	<50	**670 h**	**860 yhl**	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-21	SCI	D	9/23/1998	7.54	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-21	SCI	D	12/3/1999	8.98	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-21	SCI	D	10/6/2000	7.75	--	--	<50	<300	--	--	--	--	<0.5	--	--	--	--	--	--
SCIMW-21	SCI	D	11/30/2001	6.89	--	--	<50	<300	--	--	--	--	<0.5	--	--	--	--	--	--
SCIMW-21	SCI	D	1/21/2003	6.83	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-22	SCI	P	5/6/1997	8.22	<5,000	<50	**1,400 yh**	**2,300 hl**	<0.5	<0.5	<0.5	<0.5	--	**0.12**	<0.094	<0.094	ND	<0.47	ND
SCIMW-22	SCI	P	10/20/1997	7.61	<5,000	<50	**1,500 yh**	**2,700 yhl**	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-22	SCI	P	9/22/1998	7.24	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-22	SCI	P	5/5/1999	7.66	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	SCI	P	12/2/1999	6.81	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-22	SCI	P	10/10/2000	5.36	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	SCI	P	11/30/2001	7.35	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	Fugro	P	1/21/2003	7.32	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	Fugro	P	9/30/2004	6.08	--	--	--	--	<5.0	<5.0	<5.0	<10	<5.0	--	--	--	--	--	--
SCIMW-22	Fugro	P	10/6/2005	6.24	--	--	--	--	<2.5	<2.5	<2.5	<5.0	<2.5	--	--	--	--	--	--

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-23	SCI	B	5/6/1997	5.55	10,000	--	1,400	1,200 yl	--	--	--	--	--	<0.094	<0.094	<0.094	***	<0.47	ND
SCIMW-23	SCI	B	9/24/1998	5.46	--	--	680 y	<300	--	--	--	--	--	<0.09	<0.09	<0.09	ND	<0.5	ND
SCIMW-23	SCI	B	12/11/1998	6.39	--	--	260 yh	<300	--	--	--	--	--	<0.1	<0.1	<0.1	ND	<0.5	ND
SCIMW-23	SCI	B	5/7/1999	6.09	--	--	660 y	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	8/26/1999	4.35	--	--	120 y	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	12/3/1999	5.56	--	--	74 yh	<300	--	--	--	--	--	<0.1	<0.1	<0.1	ND	<0.5	ND
SCIMW-23	SCI	B	4/6/2000	2.79	--	--	250	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	10/10/2000	5.19	--	--	60 y	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	5/3/2001	5.94	--	--	53 y	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	11/30/2001	6.16	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-24	SCI	N	5/6/1997	4.44	<5,000	5,000	2,700 l	2,100 l	720	220	37	120	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-24	SCI	N	9/18/1998	4.96	--	7,100	330 yl	<300	950	99	53	98	--	--	--	--	--	--	--
SCIMW-24	SCI	N	12/11/1998	5.79	--	8,300	800 yl	<300	1,200	180	56	111	--	--	--	--	--	--	--
SCIMW-24	SCI	N	5/6/1999	5.14	--	6,700	1,900 yl	660 yl	1,100	120	31	89	--	--	--	--	--	--	--
SCIMW-24	SCI	N	8/25/1999	4.59	FREE PRODUCT – NOT SAMPLED														
SCIMW-24	SCI	N	12/1/1999	4.99	--	7,000	960 yl	<300	860	25	35	53.6	--	--	--	--	--	--	--
SCIMW-24	SCI	N	4/6/2000	5.05	--	4,500	2,600 yl	2,100	1,700	87	41	81	--	--	--	--	--	--	--
SCIMW-24	SCI	N	10/10/2000	4.95	--	5,400	1,200 ly	<300	1,600	36	59	69	--	--	--	--	--	--	--
SCIMW-24	SCI	N	5/4/2001	4.94	--	7,100	5,300 hly	3,600	2,700	160	64	100	--	--	--	--	--	--	--
SCIMW-24	SCI	N	11/28/2001	5.37	--	8,900	5,800 hly	5,000	1,000	51	44	57	--	--	--	--	--	--	--
SCIMW-24	SCI	N	7/30/2002	5.17	--	25,000	2,300 hly	1,700	1,600	160	<2.5	66	--	--	--	--	--	--	--
SCIMW-24	SCI	N	1/21/2003	5.74	--	23,000	8,900 hly	11,000	2,200	170	55	107	--	--	--	--	--	--	--
SCIMW-24	SCI	N	9/30/2004	5.11	--	8,200	400 hy	950 l	1,600	37	49	52	--	--	--	--	--	--	--
SCIMW-24	Fugro	N	4/12/2004	5.73	--	14,000 z	4,600 hly	2,100 l	3,000	81	64	73.3	<0.5	--	--	--	--	--	--

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-24	Fugro	N	10/6/2005	4.96	--	**18,000**	**3,600**	**3,200**	**1,600**	<20	**30**	**59**	<200	--	--	--	--	--	--
SCIMW-25	SCI	H	5/7/1997	7.30	<5,000	<50	**100**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-25	SCI	H	5/30/2001	**Well Destroyed**															
SCIMW-26	SCI	H	5/6/1997	8.15	<5,000	<50	**140**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-26	SCI	H	9/22/1998	7.41	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-26	SCI	H	12/2/1999	7.92	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-26	SCI	H	10/6/2000	7.92	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-26	SCI	H	1/21/2003	8.63	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-26	Fugro	H	1/21/2003	8.63	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-26	Fugro	H	10/6/2005	7.44	--	<50	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-27	SCI	E/H	5/6/1997	6.45	<5,000	<50	**3,400**	**1,800 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-27	SCI	E/H	9/22/1998	6.58	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-27	SCI	E/H	11/29/1999	6.52	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	SCI	Q	5/7/1997	8.34	<5,000	<50	**180**	<300	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-28	SCI	Q	9/25/1998	7.83	--	--	<47	<280	--	--	--	--	--	--	--	--	--	<0.47	ND
SCIMW-28	SCI	Q	12/2/1999	8.26	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	SCI	Q	10/6/2000	7.79	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	SCI	Q	11/30/2001	8.19		--	**95 hy**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	SCI	Q	1/21/2003	8.70	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	Fugro	Q	10/6/2004	7.81	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	Fugro	Q	10/7/2005	3.32	--	--	**350**	<500	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	--	--
SCIMW-29	SCI	H	5/20/1997	7.48	<5,000	<50	**150**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-29	SCI	H	10/6/2000	7.50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-29	SCI	H	12/10/2001	7.93	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--

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PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-29	SCI	H	1/21/2003	7.71	--	--	--	--	<0.5	<0.5	<0.5	<0.5		--	--	--	--	--	--
SCIMW-29	Fugro	H	1/21/2003	7.71	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-29	Fugro	H	10/6/2005	7.48	--	--	<50	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-30	SCI	P	10/20/1997	7.53	<5,000	<50	**530 yh**	**830 yhl**	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-30	SCI	P	9/23/1998	7.63	--	--	**60 y**	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-30	SCI	P	5/5/1999	7.89	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-30	SCI	P	12/2/1999	7.94	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-30	SCI	P	10/6/2000	7.26	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-30	SCI	P	11/30/2001	7.60	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-30	Fugro	P	1/21/2003	8.09	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--
SCIMW-30	Fugro	P	9/30/2004	7.45	--	--	--	--	<5.0	<5.0	<5.0	<10	<5.0	--	--	--	--	--	--
SCIMW-30	Fugro	P	10/6/2005	7.47	--	--	--	--	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	--	--
SCIMW-31D	SCI	P	10/20/1997	4.23	<5,000	<50	**170 y**	<300	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-31D	SCI	P	9/21/1998	4.34	--	--	--	--	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-31D	SCI	P	10/4/2000	4.32	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-31D	SCI	P	5/3/2001	4.02	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-31D	Fugro	P	1/21/2003	4.83	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--
SCIMW-31D	Fugro	P	9/30/2004	5.37	--	--	--	--	<5.0	<5.0	<5.0	<10	<5.0	--	--	--	--	--	--
SCIMW-31D	Fugro	P	10/6/2005	5.36	--	--	--	--	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--
SCIMW-32	SCI	I/P	10/20/1997	7.73	<5,000	<50	**1,000 yh**	**990 yl**	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-32	SCI	I/P	9/21/1998	7.71	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-32	Fugro	I/P	12/2/1999	8.04	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-32	Fugro	I/P	9/30/2004	7.79	--	--	--	--	<5.0	<5.0	<5.0	<10	<5.0	--	--	--	--	--	--
SCIMW-32	Fugro	I/P	10/6/2005	7.79	--	--	--	--	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--

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NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-33	SCI	I/J	10/20/1997	6.89	<5,000	**780**	**5,700 yh**	**1,600 yhl**	**3.2**	**12**	<0.5	**30.7**	--	**1.8**	**0.3**	**0.11**	ND	<0.47	ND
SCIMW-33	SCI	I/J	9/21/1998	7.15	--	--	**210 yl**	<300	<10	<10	<10	<10	--	**2.0**	**0.2**	<0.09	ND	<0.5	ND
SCIMW-33	SCI	I/J	5/5/1999	7.47	--	--	**1,100 h**	<300	<10	<10	<10	<10	--	**18.0**	**7.8**	<4.9	ND	<24	ND
SCIMW-33	SCI	I/J	12/1/1999	6.75	--	<50	**87**	<300	--	--	--	--	--	**1.7**	<1.0	<1.0	ND	<5.1	ND
SCIMW-33	SCI	I/J	10/4/2000	7.12	--	--	<50	<300	**2.5**	**0.68**	**0.74**	**13**	<0.5	<0.10	<0.10	<0.10	ND	<0.5	ND
SCIMW-33	SCI	I/J	5/4/2001	7.17	--	--	--	--	**1.9**	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--
SCIMW-33	SCI	I/J	11/28/2001	7.08	--	--	**120**	<300	<0.5	<0.5	<0.5	**9.9**	<0.5	**1.3**	<0.5	<0.5	ND	--	--
SCIMW-33	SCI	I/J	1/21/2003	7.41	--	--	68	<300	<5.0	<5.0	<5.0	**15**	<5.0	**0.96**	**1.5**	<0.094	ND	--	ND
SCIMW-33	SCI	I/J	9/30/2004	6.95	--	--	**260**	<300	<13	<13	<13	**22**	<13	**1.5**	<0.1	<0.1	ND	--	--
SCIMW-33	SCI	I/J	10/6/2005	6.91	--	--	**510**	<500	<2.5	<2.5	<2.5	<5.0	<25	**1.3**	**0.67**	<0.061	ND	--	--
SCIMW-34	SCI	R	10/20/1997	4.88	<5,000	<50	**5,200 yh**	**3,600 yhl**	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-34	SCI	R	9/24/1998	4.87	--	**92**	**61 y**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-34	SCI	R	12/11/1998	4.91	--	**290**	**60 ylh**	<300	**150**	**28**	**1.0**	**6.5**	--	--	--	--	--	--	--
SCIMW-34	SCI	R	5/5/1999	4.49	--	**91**	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-34	SCI	R	8/26/1999	6.86	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-34	SCI	R	12/2/1999	4.70	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-34	SCI	R	4/6/2000	5.50	--	**57**	<50	<300	**8.6**	**0.84**	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-34	SCI	R	10/6/2000	5.94	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-34	SCI	R	5/4/2001	4.46	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-34	SCI	R	11/30/2001	4.78	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-34	SCI	R	7/31/2002	4.69*	--	<50	<50	<300	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--
SCIMW-34	SCI	R	1/21/2003	5.09	--	<50	<50	<300	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--
SCIMW-34	Fugro	R	9/30/2004	4.88	--	<50	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-34	Fugro	R	10/6/2005	4.65	--	<50	**120**	<500	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
PETROLEUM HYDROCARBON, BTEX, MTBE, PESTICIDE AND PCB
CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-35	SCI	R	10/20/1997	4.87	<5,000	<50	**99 yh**	<300	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-35	SCI	R	9/23/1998	4.74	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-35	SCI	R	12/11/1998	5.15	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-35	SCI	R	5/4/1999	4.50	--	--		<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-35	SCI	R	12/2/1999	4.63	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-35	SCI	R	10/10/2000	5.53	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-35	SCI	R	11/30/2001	4.81	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-35	SCI	R	1/21/2003	5.08	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-35	Fugro	R	9/30/2004	4.84	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-35	Fugro	R	10/6/2005	4.60	--	<50	<50	<500	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--
XA Dup of SCIMW-16	SCI	R	8/30/1996	6.81	--	--	--	--	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
XB Dup of SCIMW-3	SCI	I/J	9/5/1996	6.67	--	--	--	--	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--

Notes:

TVH = Total Volatile Hydrocarbons
TEH = Total Extractable Hydrocarbons
DDD = Dichlorodiphenyldichloroethane
DDE = Dichlorodiphenyldichloroethene
DDT = Dichlorodiphenyltrichloroethene
PCBs = Polychlorinated Biphenyls
-- = Not tested
ND = Not detected
<50 = Comp. not detected at or above stated reporting limit
*** = Also detected 0.05ug/L Heptachlor epoxide B

µg/L = micrograms per liter or parts per billion
y = Sample exhibits fuel pattern which does not resemble std
h = heavier hydrocarbons than indicated standard
l = lighter hydrocarbons than indicated standard
z = Sample exhibits unknown single peak or peaks
J = estimated value
NR = Groundwater elevation was not recorded
endo=Endosulfan II
B = compound was found in blank and sample
D = Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis

= CCV drift outside limits, average CCV drift within limits per method requirements
+ = Groundwater level may not be stabilized
Groundwater measurements presented are those collected on the first day of sampling for the event and may not be the same as the date sampled.
* = Well was inaccessible on the first day of sampling, the groundwater elevation presented was obtained on the day that the well was actually sampled and is not shown on Table 2.
** = LCS, LCSD, MS, MSD, MD, or surrogate exceeds control limits

(a) Additional sample was collected on Dec 28, 1998 for the TEH analysis.
(b) These wells contained free product at time of sampling.
Fugro West, Inc. (Fugro) acquired the assets of Subsurface Consultants, Inc. (SCI) in September 2001.

TABLE 4
VOLATILE ORGANIC CONCENTRATIONS
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	Port of Oak. Datum (FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
MW-5	SCI	F	1/20/1997	8.38	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
MW-5	SCI	F/H	5/6/1997	6.45	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
MW-5	SCI	F/H	5/4/2001	6.74	11	<10	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0	<0.5	<10	<0.5	<0.5	<0.5	ND
MW-6	SCI	F	9/5/1996	6.67	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
MW-6	SCI	F/H	5/6/1997	7.04	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
MW-7	SCI	M	9/5/1996	5.48	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
MW-7	SCI	M	1/17/1997	6.48	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-1	SCI	E/H	5/24/1996	5.09	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-1	SCI	E/H	9/6/1996	4.39	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-1	SCI	E/H	1/22/1997	5.29	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-2	SCI	N	9/4/1996	3.38	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-2	SCI	N	1/17/1997	3.82	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-3	SCI	I/J	5/23/1996	7.22	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-3	SCI	I/J	9/5/1996	6.67	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
XB Dup of SCIMW-3	SCI	I/J	9/5/1996	6.67	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-3	SCI	I/J	1/20/1997	6.46	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-4	SCI	L	8/26/1996	5.50	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-4	SCI	L	1/22/1997	8.43	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-5	SCI	M	9/3/1996	4.63	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-5	SCI	M	1/20/1997	6.12	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND

TABLE 4
VOLATILE ORGANIC CONCENTRATIONS
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	Port of Oak. Datum (FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-5	SCI	M	5/31/2001	**Well Destroyed**															
SCIMW-6	SCI	C	8/28/1996	4.69	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-6	SCI	C	1/22/1997	4.68	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-7	SCI	P/Q	9/6/1996	3.31+	<5,000	<2,500	<1,300	<1,300	2,400J	8,100	<1,300	<1,300	27,000	<1,300	<2,500	10,000	7,900	8,900	ND
SCIMW-7	SCI	P/Q	1/20/1997	7.32	<13,000	<6,300	<3,100	<3,100	6,300	13,000	<3,100	<3,100	91,000	<3,100	<6,300	53,000	32,000	5,600J	ND
SCIMW-7	SCI	P/Q	10/20/1997	6.96	<1,000	250J	<250	<250	4,000	6,800	<250	330	60,000	920	<500	12,000	2,900	7,400	ND
SCIMW-7	SCI	P/Q	9/22/1998	5.74	<1,000	<500	<250	<250	1,400	1,700	<250	<250	5,000	180J	<500	1,600	<250	2,400	ND
SCIMW-7	SCI	P/Q	5/6/1999	7.40	<100	<50	<25	<25	570	<25	<25	<25	160	34	<50	<25	<25	160	ND
SCIMW-7	SCI	P/Q	12/2/1999	5.56	35	31	<5.0	<5.0	890	580	6.2	79	2,900	120	17	1,500	250	390	ND
SCIMW-7	SCI	P/Q	10/6/2000	8.25	50	<50	<2.5	<2.5	790	380	3.5	41	830	77	<50	810	77	590	a
SCIMW-7	SCI	P/Q	5/3/2001	7.56	<8,300	<8,300	<420	<420	3,900	15,000	<420	1,200	98,000	760	<8,300	34,000	6,000	8,400	ND
SCIMW-7	SCI	P/Q	11/30/2001	7.28	<13,000	<6,300	<3,100	<3,100	<6,300	20,000	<3,100	<3,100	110,000	<3,100	<6,300	41,000	11,000	<6,300	ND
SCIMW-7	SCI	P/Q	7/30/2002	6.49	<130	<63	8.1	<31	380	120	<31	<31	130	41	<63	<31	60	220	ND
SCIMW-7	SCI	P/Q	1/23/2003	7.47	<40	<10	<10	<10	150	62	<10	<10	16	21	<20	<10	<10	<20	ND
SCIMW-7	SCI	P/Q	10/6/2004	6.57	<1,400	<710	<360	<360	1,200	4,800	<360	<360	5,600	<360	<710	580	<360	1,900	ND
SCIMW-7dup	Fugro	P/Q	10/6/2004	6.57	<1,400	<710	<360	<360	970	3,900	<360	<360	4,800	<360	<710	530	<360	1,300	ND
SCIMW-7	Fugro	P/Q	1/10/2005	8.35	<80	<40	<20	<20	100	290	<20	<20	260	<20	<40	52	37	390	ND
SCIMW-7	Fugro	P/Q	4/12/2005	7.57	<3,300	<3,300	<170	<170	1,800	12,000	<170	230	19,000	210	<3,300	1,700	<170	3,100	e
SCIMW-7	Fugro	P/Q	7/20/2005	7.58	<330	<330	<17	<17	340	1,100	<17	95	1,900	44	<330	730	60	1,100	ND
SCIMW-7	Fugro	P/Q	10/6/2005	7.12	<20,000	<20,000	<2,000	<200	1,900	6,800	<200	<200	16,000	270	<20,000	1,300	<200	5,200	ND

TABLE 4
VOLATILE ORGANIC CONCENTRATIONS
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	Port of Oak. Datum (FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-8	SCI	I	8/26/1996	7.11	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-8	SCI	I	1/21/1997	7.70	<20	<10	<5.0	<5.0	<10	<5.0	<5.0		<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-9	SCI	I	8/29/1996	6.40	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-9	SCI	I	1/23/1997	6.66	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-10	SCI	J	8/26/1996	7.95	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-10	SCI	J	1/23/1997	7.87	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-11	SCI	N	8/28/1996	3.83	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-11	SCI	N	1/17/1997	4.32	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-12	SCI	O	8/29/1996	4.09	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-12	SCI	O	1/17/1997	4.53	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-13	SCI	J	8/29/1996	7.21	<20	<10	<5.0	<5.0	<10	6.7	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-13	SCI	J	1/23/1997	6.93	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-14	SCI	I/J	8/29/1996	5.36	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-14	SCI	I/J	1/21/1997	5.64	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-14	SCI	I/J	5/30/2001	**Well Destroyed**															
SCIMW-15	SCI	I/J	8/29/1996	4.85	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-15	SCI	I/J	1/17/1997	5.01	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-16	SCI	R	8/30/1996	6.81	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
XA Dup of SCIMW-16	SCI	R	8/30/1996	6.81	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-16	SCI	R	1/22/1997	7.03	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND

TABLE 4
VOLATILE ORGANIC CONCENTRATIONS
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	Port of Oak. Datum (FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-17	SCI	R	8/29/1996	6.55	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-17	SCI	R	1/22/1997	7.67	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-17	SCI	R	5/30/2001	**Well Destroyed**															
SCIMW-18	SCI	L	9/6/1996	5.22+	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-18	SCI	L	1/20/1997	6.98	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-19	SCI	R	8/30/1996	6.16	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-19	SCI	R	1/21/1997	7.42	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-20	SCI	H/Q	9/3/1996	7.03	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-20	SCI	H/Q	1/20/1997	7.67	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-20	SCI	H/Q	5/30/2001	**Well Destroyed**															
SCIMW-22	SCI	P	5/6/1997	8.22	<100	<50	<25	<25	<50	<25	<25	<25	<25	<25	<50	<25	<25	<50	ND
SCIMW-22	SCI	P	10/20/1997	7.61	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-22	SCI	P	9/23/1998	7.24	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-22	SCI	P	5/5/1999	7.66	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-22	SCI	P	12/2/1999	6.81	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-22	Fugro	P	9/30/2004	6.08	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-22	Fugro	P	10/6/2005	6.24	<250	<250	<25	<2.5	<5.0	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<2.5	<2.5	<2.5	ND
SCIMW-24	SCI	N	5/6/1997	4.44	<100	<50	<25	<25	<50	<25	<25	<25	<25	<25	<50	<25	<25	<50	ND
SCIMW-25	SCI	H	5/7/1997	7.30	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	3.5J	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-25	SCI	H	5/30/2001	**Well Destroyed**															

TABLE 4
VOLATILE ORGANIC CONCENTRATIONS
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	Port of Oak. Datum (FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-26	SCI	H	5/6/1997	8.15	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-26	SCI	H	10/6/2000	7.92	<10	<10	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-27	SCI	E/H	5/6/1997	6.45	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-28	Fugro	Q	10/6/2004	7.81	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-28	Fugro	Q	10/7/2005	3.32	<50	<50	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	ND
SCIMW-29	SCI	H	5/20/1997	7.48	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	10/20/1997	7.53	**27**	**5.7J**	**25**	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	9/23/1998	7.63	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	5/5/1999	7.89	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	12/2/1999	7.94	<20	<10	**16**	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	10/6/2000	7.26	<10	<10	**7.4**	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-30	SCI	P	5/4/2001	8.10	<10	<10	**1.0**	<0.5	<1.0	**3.0**	<0.5	<0.5	**1.2**	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-30	SCI	P	11/30/2001	7.60	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	7/30/2002	7.93	<20	<10	**8.1**	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	1/21/2003	8.09	<20	<10	**23.0**	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	Fugro	P	9/30/2004	7.45	<20	<10	<5	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	Fugro	P	10/6/2005	7.47	<50	<50	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	ND
SCIMW-31D	SCI	P	10/20/1997	4.23	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-31D	SCI	P	9/21/1998	4.34	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-31D	SCI	P	5/5/1999	4.01	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND

TABLE 4
VOLATILE ORGANIC CONCENTRATIONS
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	(FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-31D	SCI	P	12/1/1999	4.13	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-31D	SCI	P	10/4/2000	4.32	<10	<10	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-31D	SCI	P	5/3/2001	4.02	<10	<10	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-31D	SCI	P	11/30/2001	4.47	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-31D	SCI	P	7/30/2002	4.05	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-31D	SCI	P	1/21/2003	4.83	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-31D	Fugro	P	9/30/2004	5.37	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-31D	Fugro	P	10/6/2005	5.36	<50	<50	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	ND
SCIMW-32	SCI	I/P	10/20/1997	7.73	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-32	SCI	I/P	9/21/1998	7.71	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-32	SCI	I/P	5/5/1999	8.43	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-32	SCI	I/P	12/1/1999	8.04	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-32	Fugro	I/P	9/30/2004	7.79	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-32	Fugro	I/P	10/6/2005	7.79	<50	<50	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	ND
SCIMW-33	SCI	I/J	10/20/1997	6.89	<50	<25	<13	310	<25	<13	<13	<13	<13	<13	<25	<13	<13	<25	ND
SCIMW-33	SCI	I/J	9/21/1998	7.15	<40	<20	<10	260	<20	<10	<10	<10	<10	<10	<20	<10	<10	<20	ND
SCIMW-33	SCI	I/J	5/5/1999	7.47	<40	<20	<10	290	<20	<10	<10	<10	<10	<10	<20	<10	<10	<20	ND
SCIMW-33	SCI	I/J	12/1/1999	6.75	<20	<10	<5.0	160	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-33	SCI	I/J	10/6/2000	7.12	<10	<10	<0.52	180	<1.0	<0.50	<0.50	<0.50	1.1	<0.50	<10	<0.50	<0.50	<0.50	ND
SCIMW-33	SCI	I/J	5/4/2001	7.17	<20	<20	<1.0	210	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	b

TABLE 4
VOLATILE ORGANIC CONCENTRATIONS
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION Port of Oak. Datum	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	(FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-33	SCI	I/J	11/28/2001	7.08	<10	<10	<0.5	180	<1.0	<0.5	<0.5	<0.5	0.8	<0.5	<10	<0.5	<0.5	<0.5	c
SCIMW-33	SCI	I/J	7/30/2002	7.31	<10	<10	<0.5	87	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-33	SCI	I/J	1/21/2003	7.41	<5.0	<10	<0.5	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
DUP OF SCIMW-33	SCI	I/J	1/22/2003	--	<5.0	<5.0	<5.0	200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
SCIMW-33	Fugro	I/J	10/6/2004	6.95	<50	<25	<13	140	<25	<13	<13	<13	<13	<13	<25	<13	<13	<25	ND
SCIMW-33	Fugro	I/J	10/6/2005	6.91	<250	<250	<25	160	<5.0	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<2.5	<2.5	<2.5	ND
SCIMW-34	SCI	R	10/20/1997	4.88	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-34	SCI	R	5/4/2001	4.46	<10	<10	<1.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-34	SCI	R	7/31/2002	4.69*	<10	<10	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-34	SCI	R	1/21/2003	5.09	<10	<10	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-35	SCI	R	10/20/1997	4.87	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND

* = BTEX and MTBE presented in Table 4
MEK = Methylethylketone
µg/L = micrograms per liter or parts per billion
<10 = Compound not detected at or above stated reporting limit
a = 370 ug/L of cis-1,3-Dichloropropene and 2.9 ug/L of tetrachloroethene detected
b = 2.4 ug/L of Isopropylbenzene, 1.6 ug/L of 1,2,4 - Trimethylbenzene,
2.2 ug/L of 1,4 Dichlorobenzene, 3.1 ug/L of Dichlorobenzene, and 1.4 ug/L of Napthalene
c = 1.6 ug/L of Isopropylbenzene, 1.5 ug/L of 1,2,4-Trimethylbenzene,
1.4 ug/L of 1,4-Dichlorobenzene, 2.1 ug/L of 1,2-Dichlorobenzene, and 1.4 ug/L of Napthalene
d = 150 ug/L of Trichlorofluoromethane
e = 200ug/l chloroform
Fugro West, Inc. (Fugro) acquired the assets of Subsurface Consultants, Inc. (SCI) in September 2001.

ND = Not detected
J = Estimated value
+ = Groundwater level may not be stabilized
Groundwater measurements presented are those collected on the first day of
sampling for the event and may not be the same as the date sampled.
* = Well was inaccessible on the first day of sampling, the groundwater elevation presented was obtained
on the day that the well was actually sampled and is not shown on Table 2.

TABLE 5
HEAVY METAL CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

Note: During this sampling event only SCIMW-28 was sampled and analyzed for heavy metals.

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (feet)	ANTIMONY (µg/L)	ARSENIC (µg/L)	BARIUM (µg/L)	BERYLLIUM (µg/L)	CADMIUM (µg/L)	CHROMIUM (µg/L)	CHROMIUM VI (µg/L)	COBALT (µg/L)	COPPER (µg/L)	LEAD (µg/L)	MERCURY (µg/L)	MOLYBDENUM (µg/L)	NICKEL (µg/L)	POTASSIUM (µg/L)	SELENIUM (µg/L)	SILVER (µg/L)	THALLIUM (µg/L)	VANADIUM (µg/L)	ZINC (µg/L)
MW-5	SCI	Filtered	F	1/20/1997	8.38	<60	10	49	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	6.5	<5.0	<5.0	<10	26
MW-5	SCI	Filtered	F/H	5/6/1997	6.45	--	--	--	--	--	--	50	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	SCI	Filtered	F	9/5/96	6.67	<60	8.9	420	<2.0	<2.0	<10	--	<20	<10	3.5	<0.20	<20	<20	--	27	<5.0	<5.0	<10	<20
MW-6	SCI	Filtered	F/H	5/6/1997	7.04	--	--	--	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	SCI	Filtered	M	9/5/96	5.48	<60	10	78	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	20	<5.0	<5.0	<10	<20
MW-7	SCI	Filtered	M	1/17/97	6.48	<60	12	44	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	23	<5.0	<5.0	<10	<20
SCIMW-1	SCI	Unfiltered	E/H	5/24/1996	5.09	<60	45	1,000	2.8	2.3	63	--	<20	1,800	2,300	<0.20	<20	68	--	7.8	<5.0	<5.0	62	1,000
SCIMW-1	SCI	Filtered	E/H	5/24/1996	5.09	<60	<5.0	170	2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	8.3	<5.0	<5.0	<10	<20
SCIMW-1	SCI	Filtered	E/H	9/6/1996	4.39	<60	<5.0	150	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	17	<5.0	<5.0	<10	<20
SCIMW-1	SCI	Filtered	E/H	1/22/1997	5.29	<60	<5.0	170	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	33	--	7.7	<5.0	<5.0	<10	210
SCIMW-2	SCI	Unfiltered	N	5/23/1996	4.04	<60	14	90	<2.0	<2.0	12	--	<20	<10	2,300	0.64	<20	<20	--	14	<5.0	<5.0	<10	38
SCIMW-2	SCI	Filtered	N	5/23/1996	4.04	<60	11	490	<2.0	<2.0	<10	--	<20	69	62	<0.20	<20	<20	--	22	<5.0	<5.0	<10	110
SCIMW-2	SCI	Filtered	N	9/4/1996	3.38	<60	15	320	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	1/17/1997	3.82	<60	6.6	340	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	9/18/1998	4.07	<60	5.0	430	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	10	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	12/10/1998	3.52	<60	9.6	--	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	49
SCIMW-2	SCI	Filtered	N	5/7/1999	4.52	<60	11.0	900	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	9.5	<5.0	<5.0	<10	24
SCIMW-2	SCI	Filtered	N	8/26/1999	3.00	<60	6.8	300	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	12/2/1999	3.85	<60	6.6	330	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	24
SCIMW-2	SCI	Filtered	N	10/10/2000	4.75	<60	7.2	230	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	5/3/2001	3.11	<60	<5.0	380	<2.0	<5.0	<10	--	<20	<10	<10	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	31
SCIMW-2	SCI	Filtered	N	11/30/2001	6.23	<60	12	110	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	7/30/2002	2.92	<60	<5.0	230	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	1/21/2003	5.79	<60	13	170	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20

TABLE 5
HEAVY METAL CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

Note: During this sampling event only SCIMW-28 was sampled and analyzed for heavy metals.

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (feet)	ANTIMONY (µg/L)	ARSENIC (µg/L)	BARIUM (µg/L)	BERYLLIUM (µg/L)	CADMIUM (µg/L)	CHROMIUM (µg/L)	CHROMIUM VI (µg/L)	COBALT (µg/L)	COPPER (µg/L)	LEAD (µg/L)	MERCURY (µg/L)	MOLYBDENUM (µg/L)	NICKEL (µg/L)	POTASSIUM (µg/L)	SELENIUM (µg/L)	SILVER (µg/L)	THALLIUM (µg/L)	VANADIUM (µg/L)	ZINC (µg/L)
SCIMW-3	SCI	Unfiltered	I/J	5/23/1996	7.22	<60	<5.0	<10	<2.0	<2.0	<10	--	58	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-3	SCI	Filtered	I/J	5/23/1996	7.22	<60	<5.0	42	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	8.2	<5.0	<5.0	<10	<20
SCIMW-3	SCI	Filtered	I/J	9/5/1996	6.67	<60	8.5	170	<2.0	<2.0	<10	--	<20	<10	4.6	<0.20	<20	<20	--	31	<5.0	<5.0	<10	<20
SCIMW-3	SCI	Filtered	I/J	1/20/1997	6.46	<60	23	110	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	31	<5.0	<5.0	<10	<20
SCIMW-4	SCI	Filtered	L	8/26/1996	5.50	<60	12	37	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	22	<5.0	<5.0	<10	<20
SCIMW-4	SCI	Filtered	L	1/22/1997	8.43	<60	6.6	16	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	25	<5.0	<5.0	<10	<20
SCIMW-5	SCI	Filtered	M	9/3/1996	4.63	<60	<5.0	290	2.0	2.0	<10	--	<20	<10	<3.0	0.23	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-5	SCI	Filtered	M	1/20/1997	6.12	<60	<5.0	62	2.7	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	25
SCIMW-5	SCI	--	M	5/31/2001	Well Destroyed																			
SCIMW-6	SCI	Filtered	C	8/28/1996	4.69	<60	<5.0	100	2.1	<2.0	<10	--	<20	59	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	240
SCIMW-6	SCI	Filtered	C	1/22/1997	4.68	<60	<5.0	30	<2.0	<2.0	<10	--	<20	20	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	72
SCIMW-6	SCI	Filtered	C	9/23/1998	4.38	<60	<5.0	73	2.5	<5.0	<10	--	<20	290	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	80
SCIMW-6	SCI	Filtered	C	12/10/1998	3.91	<60	<5.0	48	<2.0	<5.0	<10	--	<20	75	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	74
SCIMW-6	SCI	Filtered	C	5/6/1999	4.39	<60	<5.0	30	<2.0	<5.0	<10	--	<20	21	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	63
SCIMW-6	SCI	Filtered	C	8/26/1999	6.56	<60	<5.0	43	<2.0	<5.0	<10	--	<20	26	4.3	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	110
SCIMW-6	SCI	Filtered	C	12/2/1999	4.00	<60	<5.0	33	<2.0	<5.0	<10	--	<20	23	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	92
SCIMW-7	SCI	Filtered	P/Q	9/6/1996	3.31+	<60	24	290	<2.0	<2.0	<10	--	<20	13	<3.0	0.52	<20	29	--	18	<5.0	<5.0	12	<20
SCIMW-7	SCI	Filtered	P/Q	1/20/1997	7.32	<60	19	430	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	83	--	18	<5.0	<5.0	<10	<20
SCIMW-8	SCI	Filtered	I	8/26/1996	7.11	<60	8.9	72	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	23	--	43	<5.0	<5.0	<10	21
SCIMW-8	SCI	Filtered	I	1/21/1997	7.70	<60	23	57	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	10	<5.0	<5.0	<10	22
SCIMW-9	SCI	Filtered	I	8/29/1996	6.40	<60	21	61	<2.0	<2.0	<10	--	<20	<10	3.1	0.20	<20	<20	--	37	<5.0	<5.0	<10	<20
SCIMW-9	SCI	Filtered	I	1/23/1997	6.66	<60	16	89	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	49	--	40	<5.0	<5.0	<10	150
SCIMW-10	SCI	Filtered	J	8/26/1996	7.95	<60	15	55	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	42	<5.0	<5.0	<10	<20
SCIMW-10	SCI	Filtered	J	1/23/1997	7.87	<60	24	49	2.3	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	48	<5.0	<5.0	<10	<20

TABLE 5
HEAVY METAL CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

Note: During this sampling event only SCIMW-28 was sampled and analyzed for heavy metals.

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (feet)	ANTIMONY (µg/L)	ARSENIC (µg/L)	BARIUM (µg/L)	BERYLLIUM (µg/L)	CADMIUM (µg/L)	CHROMIUM (µg/L)	CHROMIUM VI (µg/L)	COBALT (µg/L)	COPPER (µg/L)	LEAD (µg/L)	MERCURY (µg/L)	MOLYBDENUM (µg/L)	NICKEL (µg/L)	POTASSIUM (µg/L)	SELENIUM (µg/L)	SILVER (µg/L)	THALLIUM (µg/L)	VANADIUM (µg/L)	ZINC (µg/L)
SCIMW-11	SCI	Filtered	N	8/28/1996	3.83	<60	<5.0	210	<2.0	<2.0	<10	--	<20	<10	<3.0	0.62	<20	<20	--	16	<5.0	<5.0	<10	<20
SCIMW-11	SCI	Filtered	N	1/17/1997	4.32	<60	6.2	300	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	6.6	<5.0	<5.0	<10	<20
SCIMW-11	SCI	Filtered	N	9/23/1998	4.72	<60	<5.0	180	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-11	SCI	Filtered	N	12/10/1998	3.32	<60	<5.0	250	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-11	SCI	Filtered	N	5/6/1999	3.48	<60	<5.0	94	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-11	SCI	Filtered	N	12/1/1999	4.07	<60	<5.0	180	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	8.8	<5.0	<5.0	<10	<20
SCIMW-12	SCI	Filtered	O	8/29/1996	4.09	<60	5.1	64	2.5	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-12	SCI	Filtered	O	1/17/1997	4.53	<60	<5.0	28	2.7	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-13	SCI	Filtered	J	8/29/1996	7.21	<60	20	33	<2.0	<2.0	<10	--	<20	<10	3.2	<0.20	<20	<20	--	43	<5.0	<5.0	<10	<20
SCIMW-13	SCI	Filtered	J	1/23/1997	6.93	<60	19	21	<2.0	2.1	<10	--	<20	<10	3.7	<0.20	<20	<20	--	40	<5.0	<5.0	<10	<20
SCIMW-14	SCI	Filtered	I/J	8/29/1996	5.36	<60	9.7	130	<2.0	<2.0	<10	--	<20	<10	5.3	<0.20	<20	<20	--	34	<5.0	<5.0	<10	<20
SCIMW-14	SCI	Filtered	I/J	1/21/1997	5.64	<60	<5.0	15	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-14	SCI	--	I/J	5/30/2001	Well Destroyed																			
SCIMW-15	SCI	Filtered	I/J	8/29/1996	4.85	<60	16	570	<2.0	<2.0	<10	--	<20	<10	3.2	<0.20	<20	<20	--	40	<5.0	<5.0	<10	<20
SCIMW-15	SCI	Filtered	I/J	1/17/1997	5.01	<60	13	550	<2.0	<2.0	<10	--	<20	<10	5.5	<0.20	<20	<20	--	33	<5.0	<5.0	<10	<20
SCIMW-16	SCI	Filtered	R	8/30/1996	6.81	<60	14	300	3.1	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	40	<5.0	<5.0	12	<20
SCIMW-16	SCI	Filtered	R	1/22/1997	7.03	<60	14	220	3.6	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	22	<5.0	<5.0	26	<20
SCIMW-17	SCI	Filtered	R	8/29/1996	6.55	<60	17	960	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	18	<5.0	<5.0	<10	<20
SCIMW-17	SCI	Filtered	R	1/22/1997	7.67	<60	<5.0	270	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	15	<5.0	<5.0	<10	<20
SCIMW-17	SCI	--	R	5/30/2001	Well Destroyed																			
SCIMW-18	SCI	Filtered	L	9/6/1996	5.22+	<60	20	160	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	26	--	22	<5.0	<5.0	19	<20
SCIMW-18	SCI	Filtered	L	1/20/1997	6.98	<60	21	250	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	38	<5.0	<5.0	<10	<20
SCIMW-19	SCI	Filtered	R	8/30/1996	6.16	<60	32	140	<2.0	<2.0	<10	--	<20	<10	6.2	<0.20	<20	<20	--	32	<5.0	<5.0	11	<20
SCIMW-19	SCI	Filtered	R	1/21/1997	7.42	<60	23	150	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	22	--	24	<5.0	<5.0	<10	<20

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HEAVY METAL CONCENTRATIONS IN GROUNDWATER
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Note: During this sampling event only SCIMW-28 was sampled and analyzed for heavy metals.

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (feet)	ANTIMONY (µg/L)	ARSENIC (µg/L)	BARIUM (µg/L)	BERYLLIUM (µg/L)	CADMIUM (µg/L)	CHROMIUM (µg/L)	CHROMIUM VI (µg/L)	COBALT (µg/L)	COPPER (µg/L)	LEAD (µg/L)	MERCURY (µg/L)	MOLYBDENUM (µg/L)	NICKEL (µg/L)	POTASSIUM (µg/L)	SELENIUM (µg/L)	SILVER (µg/L)	THALLIUM (µg/L)	VANADIUM (µg/L)	ZINC (µg/L)
SCIMW-20	SCI	Filtered	H/Q	9/3/1996	7.03	<60	9.5	930	<2.0	<2.0	<10	--	<20	<10	<3.0	0.24	<20	<20	--	20	<5.0	<5.0	<10	<20
SCIMW-20	SCI	Filtered	H/Q	1/20/1997	7.67	<60	6.8	1,600	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	18	<5.0	<5.0	<10	41
SCIMW-20	SCI	Filtered	H/Q	10/7/1998	6.79	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-20	SCI	Filtered	H/Q	12/2/1999	3.40	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-20	SCI	--	H/Q	5/30/2001	Well Destroyed																			
SCIMW-21	SCI	Filtered	D	5/6/1997	7.44	--	--	--	--	--	--	--	--	--	7.2	--	--	--	110,000	--	--	--	--	--
SCIMW-22	SCI	Filtered	P	5/6/1997	8.22	--	--	--	--	--	--	70	--	--	--	--	--	--	170,000	--	--	--	--	--
SCIMW-23	SCI	Filtered	B	5/6/1997	5.55	<60	22	56	<2.0	<5.0	<10	80	<20	<10	<3.0	<0.20	<20	<20	16,000	20	<5.0	<5.0	<10	25
SCIMW-24	SCI	Filtered	N	5/6/1997	4.44	--	--	--	--	--	--	160	--	--	6.3	--	--	--	--	--	--	--	--	--
SCIMW-24	SCI	Filtered	N	9/18/1998	4.96	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-24	SCI	Filtered	N	12/11/1998	5.79	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-24	SCI	Filtered	N	5/6/1999	5.14	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-24	SCI	Filtered	N	12/1/1999	4.99	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-24	SCI	Filtered	N	4/6/2000	5.05	--	--	--	--	--	--	--	--	--	8.3	--	--	--	--	--	--	--	--	--
SCIMW-25	SCI	Filtered	H	5/7/1997	7.30	<60	9.2	56	<2.0	<5.0	<10	60	<20	<10	<3.0	0.26	<20	28	--	14	<5.0	<5.0	<10	<20
SCIMW-25	SCI	--	H	5/30/2001	Well Destroyed																			
SCIMW-26	SCI	Filtered	H	5/6/1997	8.15	<60	20	2,900	<2.0	<5.0	<10	140	<20	<10	<3.0	<0.20	<20	<20	--	15	<5.0	<5.0	<10	<20
SCIMW-27	SCI	Filtered	E/H	5/6/1997	6.45	<60	10	480	<2.0	<5.0	<10	60	<20	<10	<3.0	<0.20	<20	<20	--	21	<5.0	<5.0	<10	<20
SCIMW-28	SCI	Filtered	Q	5/7/1997	8.34	--	--	--	--	--	--	90	--	--	6.9	--	--	--	--	--	--	--	--	--
SCIMW-28	SCI	Filtered	Q	9/25/1998	7.83	<60	15	96	2.6	<5.0	<10	--	<20	13	4.1	<0.20	<20	<20	--	<5.0	<5.0	<5.0	11	260
SCIMW-28	SCI	Filtered	Q	5/6/1999	8.98	<60	25	19	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	12	<5.0	<5.0	<5.0	<20
SCIMW-28	SCI	Filtered	Q	12/2/1999	8.26	<60	<5.0	11	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10.0	<20
SCIMW-28	SCI	Filtered	Q	10/6/2000	8.26	<60	36	22	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	16	<20
SCIMW-28	SCI	Filtered	Q	5/10/2001	8.77	<60	5.0	25	<2.0	5.1	<10	--	<20	71	110	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	510

TABLE 5
HEAVY METAL CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

Note: During this sampling event only SCIMW-28 was sampled and analyzed for heavy metals.

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (feet)	ANTIMONY (µg/L)	ARSENIC (µg/L)	BARIUM (µg/L)	BERYLLIUM (µg/L)	CADMIUM (µg/L)	CHROMIUM (µg/L)	CHROMIUM VI (µg/L)	COBALT (µg/L)	COPPER (µg/L)	LEAD (µg/L)	MERCURY (µg/L)	MOLYBDENUM (µg/L)	NICKEL (µg/L)	POTASSIUM (µg/L)	SELENIUM (µg/L)	SILVER (µg/L)	THALLIUM (µg/L)	VANADIUM (µg/L)	ZINC (µg/L)
SCIMW-28	SCI	Filtered	Q	11/30/2001	8.19	<60	17	23	<2.0	<5.0	<10	--	<20	17	89	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	210
SCIMW-28	SCI	Filtered	Q	7/31/2002	7.93	<60	7.8	17	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-28	SCI	Filtered	Q	1/23/2003	8.70	<60	27	34	<2.0	<5.0	<10	--	<20	<10	3.6	<0.20	<20	<20	--	8.0	<5.0	<5.0	<10	<20
SCIMW-28	SCI	Filtered	Q	10/6/2004	8.70	<60	55	33	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	33	<20
SCIMW-28	Fugro	Filtered	Q	10/7/2005	3.32	19	82	62	<5.0	<2.0	<5.0	--	<5.0	<5.0	<5.0	0.25	31	<5.0	--	<5.0	<5.0	<5.0	38	24
SCIMW-29	SCI	Filtered	H	5/20/1997	7.48	<60	<5.0	160	<2.0	<5.0	<10	<10	<20	12	<3.0	<0.20	<20	<20	--	34	<5.0	<5.0	<10	50
SCIMW-34	SCI	Filtered	H	9/24/1998	4.87	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	12/11/1998	4.91	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	5/6/1999	4.49	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	8/26/1999	6.86	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	12/2/1999	4.70	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	4/6/2000	5.50	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	10/5/2000	5.94	--	--	--	--	<5.0	--	<10	--	--	--	--	--	24	--	--	--	--	--	<20
SCIMW-34	SCI	Filtered	H	5/4/2001	4.46	--	--	--	--	<5.0	--	<10	--	--	--	--	--	23	--	--	--	--	--	43
SCIMW-34	SCI	Filtered	H	11/30/2001	4.78	--	--	--	--	<5.0	<10	--	--	--	--	--	--	<20	--	--	--	--	--	86
SCIMW-34	SCI	Filtered	H	7/31/2002	4.69*	--	--	--	--	<5.0	<10	--	--	--	--	--	--	25	--	--	--	--	--	<20
SCIMW-34	SCI	Filtered	H	1/21/2003	5.09	--	--	--	--	<5.0	<10	--	--	--	--	--	--	28	--	--	--	--	--	<20

µg/L = micrograms per liter or parts per billion
<60 = Compound not detected at or above stated reporting limit
Groundwater measurements presented are those collected on the first day of sampling for the event and may not be the same as the date sampled.
* = Well was inaccessible on the first day of sampling, the groundwater elevation presented was obtained on the day that the well was actually sampled and is not shown on Table 2.
Fugro West, Inc. (Fugro) acquired the assets of Subsurface Consultants, Inc. (SCI) in September 2001.

-- = Not tested
+ = Groundwater level may not be stabilized

TABLE 6. GROUNDWATER QUALITY PARAMETER RESULTS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
MW-1	SCI	F	9/25/1998	4.68	6.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	SCI	F	12/3/1999	4.59	6.73	--	-92.7	-101.2	--	7,831	--	20.03	19.56	--	--	--	--	--	3.58
MW-1	SCI	F	5/31/2001	**Well Destroyed**															
MW-2	SCI	F	9/23/1998	5.29	6.74	--	-53.0	--	--	--	--	--	--	--	--	--	--	--	0.12
MW-2	SCI	F	12/3/1999	5.27	6.92	--	12463.0	22,352.0	--	8,800	--	20.41	19.15	--	--	--	--	--	3.39
MW-2	SCI	F	1/23/2003	5.10	6.88	--	-122.0	-124.6	--	11,840	--	18.91	19.11	--	--	--	--	--	1.26
MW-2	Fugro	F	10/4/2004	5.35	6.57	--	-159.0	-155.3	--	16,640	--	20.21	20.81	--	--	--	--	--	1.12
MW-2	Fugro	F	10/0/05	2.75	6.63	--	-248.7	-264.0	--	20,060	--	19.54	20.07	--	--	--	--	--	11.23
MW-3	SCI	F	9/29/1998	5.83	7.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	SCI	F	12/3/1999	5.44	7.14	--	-60.7	-174.9	--	6,931	--	19.32	18.22	--	--	--	--	--	2.24
MW-3	SCI	F	10/4/2000	5.77	6.31	--	41.7	-57.3	--	10,480	--	20.49	19.79	--	--	--	--	--	3.08
MW-3	SCI	F	12/10/2001	2.31	6.82	--	--	--	--	--	--	14.30	14.30	--	--	--	--	--	--
MW-3	SCI	F	1/23/2003	5.16	6.89	--	-62.6	-144.1	--	19,520	--	19.35	18.75	--	--	--	--	--	2.32
MW-3	Fugro	F	9/30/2004	-1.11	6.57	--	-300.7	-308.8	--	22,230	--	18.90	18.81	--	--	--	--	--	0.07
MW-3	Fugro	F	10/7/2005	-2.73	6.64	--	-230.9	-226.9	--	20,800	--	18.01	17.09	--	--	--	--	--	6.32
MW-5	SCI	F	9/23/1998	6.40	6.75	--	-71.0	--	--	--	--	--	--	--	--	--	--	--	0.11
MW-5	SCI	F	5/7/1999	6.59	6.66	--	-18.5	-41.0	--	1,049	--	16.68	16.04	0.82	2.43	--	--	42.5	4.15
MW-5	SCI	F	12/3/1999	6.53	6.70	--	2656.0	20,057.0	--	2,095	--	18.44	17.97	--	--	--	--	--	2.65
MW-5	SCI	F	10/6/2000	6.56	6.41	--	130.7	56.0	--	15,060	--	19.77	20.53	--	--	--	--	--	2.84
MW-5	SCI	F	5/2/2001	6.74	6.81	--	-18.0	-19.5	--	8,000	--	17.56	17.71	--	--	--	--	--	3.52
MW-5	SCI	F	12/10/2001	6.45	6.71	--	--	--	--	--	--	14.30	16.40	--	--	--	--	--	--
MW-5	SCI	F	7/29/2002	6.26	6.58	--	-24.5	-44.5	--	11,740	--	9.38	18.60	--	--	--	--	--	5.93
MW-5	SCI	F	1/23/2003	6.92	6.40	--	-1.7	-10	--	6,946	--	17.82	18.61	--	--	--	--	--	0.89
MW-5	Fugro	F	10/1/2004	6.37	6.20	--	94.1	-19.7	--	5,931	--	20.44	19.03	--	--	--	--	--	1
MW-5	Fugro	F	10/5/2005	6.32	6.54	--	-238.8	-201.9	--	18,850	--	18.24	17.71	--	--	--	--	--	16.59
SCIMW-1	SCI	E/H	9/22/1998	5.02	6.99	--	-129.0	--	--	--	--	--	--	--	--	--	--	--	0.26
SCIMW-1	SCI	E/H	12/2/1999	4.56	6.61	--	-89.1	-219.1	--	10,940	--	16.25	16.50	--	--	--	--	--	1.18
SCIMW-1	SCI	E/H	10/6/2000	4.75	7.69	--	141.5	--	--	11,040	--	18.67	--	--	--	--	--	--	6.10

TABLE 6. GROUNDWATER QUALITY PARAMETER RESULTS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-1	SCI	E/H	11/29/2001	5.38	6.75	--	--	--	--	25,880	--	16.59	16.81	--	--	--	--	--	0.28
SCIMW-1	SCI	E/H	1/24/2003	5.73	6.44	--	-3.7	-211.9	--	5,330	--	15.33	17.06	--	--	--	--	--	1.54
SCIMW-2	SCI	N	9/18/1998	4.07	7.13	5.8	43.0	--	-31.0	12,600	--	--	--	--	--	4.4	--	--	0.11
SCIMW-2	SCI	N	12/10/1998	3.52	6.95	6.6	96.6	41.5	63.0	6,180	--	--	--	--	--	5.4	--	--	1.59
SCIMW-2	SCI	N	5/6/1999	4.52	7.36	--	36.8	-11.0	--	8,082	4,710	15.53	16.41	7.16	9.02	9.9	--	48.0	4.62
SCIMW-2	SCI	N	8/26/1999	3.00	7.17	--	16.1	-74.6	--	12,192	12,300	--	--	--	--	4.7	--	--	1.91
SCIMW-2	SCI	N	12/2/1999	3.85	6.97	--	-39.6	-100.3	--	8,366	9,390	17.67	18.61	--	--	4.9	--	--	3.05
SCIMW-2	SCI	N	4/6/2000	2.83	6.63	--	190.6	164.5	--	6,998	8,040	15.67	16.75	--	--	5.7	--	--	4.51
SCIMW-2	SCI	N	10/3/2000	4.75	6.93	--	65.1	-40.3	--	15,500	--	21.18	19.08	--	--	--	--	--	5.00
SCIMW-2	SCI	N	5/2/2001	3.11	6.20	--	-18.3	-18.4	--	10,910	--	16.31	15.73	--	--	--	--	--	1.88
SCIMW-2	SCI	N	11/29/2001	6.23	6.56	--	--	--	--	22,230	--	18.52	18.26	--	--	--	--	--	2.95
SCIMW-2	SCI	N	7/31/2002	2.92	7.00	--	-114.7	-88.9	--	21,900	--	17.18	18.62	--	--	--	--	--	5.39
SCIMW-2	SCI	N	1/23/2003	5.79	6.80	--	-13.3	-88.4	--	25,260	--	16.23	16.94	--	--	--	--	--	2.16
SCIMW-2	Fugro	N	10/4/2004	3.24	6.54	--	-78.4	-151.6	--	19,111	--	20.80	21.24	--	--	--	--	--	0.75
SCIMW-2	Fugro	N	10/6/2005	4.29	6.55	--	-270.1	-148.5	--	21,650	--	19.83	20.52	--	--	--	--	--	12.47
SCIMW-3	SCI	I/J	9/18/1998	4.29	6.81	--	-154.0	--	--	--	--	--	--	--	--	--	--	--	0.11
SCIMW-3	SCI	I/J	11/30/1999	6.17	6.62	--	-44.5	-111.0	--	7,234	--	21.07	21.15	--	--	--	--	--	5.38
SCIMW-3	SCI	I/J	10/4/2000	6.49	6.65	--	-77.1	-84.5	--	13,960	--	23.42	20.40	--	--	--	--	--	4.30
SCIMW-3	SCI	I/J	11/28/2001	5.87	6.80	--	--	--	--	7,500	--	20.97	19.42	--	--	--	--	--	6.20
SCIMW-3	SCI	I/J	1/22/2003	7.73	6.28	--	-88.2	-64.6	--	10,040	--	18.79	20.30	--	--	--	--	--	2.09
SCIMW-3	Fugro	I/J	10/4/2004	6.32					no readings taken, free product present										
SCIMW-3	Fugro	I/J	10/5/2005	6.50	6.63	--	-207.8	-235.2	--	9,689	--	23.14	23.41	--	--	--	--	--	14.28
SCIMW-4	SCI	L	9/22/1998	6.20	6.83	--	-127.0	--	--	--	--	--	--	--	--	--	--	--	0.23
SCIMW-4	SCI	L	12/3/1999	6.82	6.79	--	-131.8	-128.7	--	5,022	--	19.21	21.33	--	--	--	--	--	0.78
SCIMW-5	SCI	M	9/17/1998	5.78	6.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-5	SCI	M	12/17/1998	5.64	6.81	--	130.6	--	--	--	--	--	--	--	--	--	--	--	2.41
SCIMW-5	SCI	M	5/6/1999	5.26	6.65	--	330.6	-36.9	--	16,030	--	15.72	15.95	15.02	20.59	--	--	6.91	0.63

TABLE 6. GROUNDWATER QUALITY PARAMETER RESULTS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-5	SCI	M	8/26/1999	4.48	7.79	--	198.5	-89.9	--	20,569	--	--	--	--	--	--	--	--	2.73
SCIMW-5	SCI	M	12/2/1999	5.74	6.80	--	47.7	25.1	--	23,170	--	16.98	16.34	--	--	--	--	--	5.22
SCIMW-5	SCI	M	4/6/2000	3.54	6.60	--	459.0	367.2	--	18,280	--	15.99	15.69	--	--	--	--	--	2.89
SCIMW-5	SCI	M	5/31/2001	**Well Destroyed**															
SCIMW-6	SCI	C	9/23/1998	4.38	7.02	6.2	270.0	--	223.0	--	--	--	--	--	--	--	<1.0	--	4.10
SCIMW-6	SCI	C	12/10/1998	3.91	7.19	6.7	42.0	125.0	189.0	21,600	--	--	--	--	--	<1.0	--	--	7.46
SCIMW-6	SCI	C	5/6/1999	4.39	7.27	--	56.6	200.0	--	16,630	17,700	14.77	14.86	15.6	14.27	1.9	--	59.4	5.52
SCIMW-6	SCI	C	8/26/1999	6.56	7.11	--	140.6	176.4	--	23,244	23,500	--	--	--	--	<1.0	--	--	6.44
SCIMW-6	SCI	C	12/2/1999	4.00	7.02	--	23.7	18.9	--	22,360	26,800	15.38	17.44	--	--	1.2	--	--	7.49
SCIMW-6	SCI	C	4/6/2000	3.68	6.78	--	280.2	270.9	--	17,940	18,900	14.91	15.73	--	--	<1.0	--	--	5.12
SCIMW-6	SCI	C	7/30/02	3.57	6.60	--	32.6	85.2	--	29,430	27,740	17.50	20.47	--	--	--	--	--	2.39
SCIMW-7	SCI	P/Q	9/17/1998	5.74	6.78	--	-155.0	--	--	--	--	--	--	--	--	--	--	--	0.10
SCIMW-7	SCI	P/Q	5/6/1999	7.40	6.58	--	-82.9	-108.4	--	12,500	--	16.80	17.20	10.9	15.15	--	--	93.2	8.54
SCIMW-7	SCI	P/Q	12/1/1999	5.56	6.68	--	-45.7	-84.5	--	12,730	--	18.48	18.46	--	--	--	--	--	4.03
SCIMW-7	SCI	P/Q	10/5/2000	8.25	6.14	--	3.1	-50.8	--	13,120	--	20.35	18.40	--	--	--	--	--	6.48
SCIMW-7	SCI	P/Q	5/2/2001	7.56	6.43	--	-18.6	-18.3	--	7,800	--	17.86	17.40	--	--	--	--	--	4.30
SCIMW-7	SCI	P/Q	11/29/2001	7.28	6.36	--	--	--	--	26,640	--	19.03	18.72	--	--	--	--	--	1.50
SCIMW-7	SCI	P/Q	7/30/2002	7.28	7.36	--	-103.9	-92.9	--	11,060	--	20.21	18.43	--	--	--	--	--	3.48
SCIMW-7	SCI	P/Q	1/23/2003	7.47	6.63	--	-48.4	-37.8	--	3,104	--	15.15	18.49	--	--	--	--	--	1.85
SCIMW-7	SCI	P/Q	10/6/2004	6.57	6.04	--	-228.1	-201.18	--	20,360	--	20.28	19.52	--	--	--	--	--	2.17
SCIMW-7	SCI	P/Q	1/10/2005	8.35	7.76	--	-131.9	-65.1	--	14,370	--	18.55	17.73	--	--	--	--	--	2.54
SCIMW-7	SCI	P/Q	4/12/2005	7.57	4.51	--	-49.3	-90.3	--	10,780	--	16.38	17.55	--	--	--	--	--	2.34
SCIMW-7	Fugro	P/Q	7/19/2005	7.58	6.56	--	47.2	42.9	--	19,100	--	18.62	19.16	--	--	--	--	--	2.11
SCIMW-7	Fugro	P/Q	10/6/2005	7.12	6.36	--	-167.9	-133.5	--	16,740	--	19.92	20.18	--	--	--	--	--	8.33
SCIMW-8	SCI	I	9/18/1998	7.25	6.70	--	-146.0	--	--	--	--	--	--	--	--	--	--	--	0.15
SCIMW-8	SCI	I	11/30/1999	7.36	6.50	--	-79.4	-115.0	--	4,298	--	20.62	19.32	--	--	--	--	--	2.41
SCIMW-8	SCI	I	10/4/2000	7.50	6.56	--	-68.1	-85.8	--	4,839	--	24.15	19.44	--	--	--	--	--	0.56

TABLE 6. GROUNDWATER QUALITY PARAMETER RESULTS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-8	SCI	I	11/28/2001	7.51	6.93	--	--	--	--	4,552	--	21.03	16.60	--	--	--	--	--	2.08
SCIMW-8	SCI	I	1/22/2003	7.63	6.13	--	-36.4	-17.0	--	4,760	--	18.03	19.54	--	--	--	--	--	1.36
SCIMW-8	Fugro	I	10/6/2004	7.29	6.18	--	-46.3	-111.9	--	17,154	--	22.36	22.88	--	--	--	--	--	1.68
SCIMW-8	Fugro	I	10/5/2005	7.12	6.57	--	-131.3	-109.2	--	19,740	--	20.36	21.39	--	--	--	--	--	15.52
SCIMW-9	SCI	I	9/21/1998	6.64	6.67	--	-127.0	--	--	--	--	--	--	--	--	--	--	--	0.15
SCIMW-9	SCI	I	12/1/1999	6.69	7.14	--	-99.4	-192.1	--	7,050	--	20.81	21.47	--	--	--	--	--	1.16
SCIMW-9	SCI	I	10/5/2000	6.61	6.99	--	-61.0	-62.0	--	6,800	--	19.20	19.15	--	--	--	--	--	1.47
SCIMW-9	SCI	I	11/28/2001	7.50	7.06	--	--	--	--	8,540	--	21.02	20.53	--	--	--	--	--	0.80
SCIMW-9	SCI	I	11/22/2003	7.41	6.33	--	-28.6	-40.3	--	5,730	--	18.60	20.88	--	--	--	--	--	1.28
SCIMW-9	Fugro	I	10/4/2004	6.16	6.26	--	-187.7	-214.3	--	12,800	--	23.61	22.53	--	--	--	--	--	0.79
SCIMW-9	Fugro	I	10/5/2005	6.54	6.58	--	-132.8	-218.4	--	23,400	--	20.68	21.91	--	--	--	--	--	13.33
SCIMW-10	SCI	J	9/18/1998	7.64	6.92	--	-257.0	--	--	--	--	--	--	--	--	--	--	--	0.08
SCIMW-10	SCI	J	12/1/1999	5.98	7.02	--	-129.4	-204.5	--	16,210	--	21.39	21.10	--	--	--	--	--	2.70
SCIMW-10	SCI	J	10/4/2000	6.57	6.65	--	-132.5	-1,563.0	--	20,570	--	22.50	21.38	--	--	--	--	--	1.56
SCIMW-10	SCI	J	11/29/2001	5.85	6.97	--	--	--	--	23,860	--	21.48	21.10	--	--	--	--	--	1.40
SCIMW-10	SCI	J	1/22/2003	5.89	6.87	--	-124.9	-150.8	--	19,890	--	20.29	20.96	--	--	--	--	--	1.06
SCIMW-11	SCI	N	9/23/1998	4.72	7.01	6.5	-156.0	--	123.0	7,260	--	--	--	--	--	--	6.3	--	0.17
SCIMW-11	SCI	N	12/10/1998	3.32	7.12	6.8	-55.4	-123.8	-29.0	7,600	--	--	--	--	--	7.3	--	--	1.47
SCIMW-11	SCI	N	5/6/1999	3.48	7.21	--	358.1	39.8	--	4,511	3,880	17.81	17.63	3.84	3.41	12	6.5	27.6	2.59
SCIMW-11	SCI	N	8/26/1999	4.31	7.28	--	145.5	139.9	--	21,644	6,530	--	--	--	--	6.5	--	--	4.49
SCIMW-11	SCI	N	12/1/1999	4.07	6.52	--	288.4	-56.1	--	9,560	7,850	17.52	18.37	--	--	5.1	--	--	5.53
SCIMW-11	SCI	N	4/6/2000	2.49	6.74	--	312.5	-87.5	--	5,980	5,280	16.74	16.99	--	--	11.0	--	--	3.89
SCIMW-11	SCI	N	10/4/2000	4.00	6.19	--	82.9	-65.1	--	11,480	--	19.77	21.54	--	--	--	--	--	5.68
SCIMW-11	SCI	N	5/2/2001	2.54	6.61	--	-16.1	-15.3	--	8,460	--	18.24	15.94	--	--	--	--	--	6.73
SCIMW-11	SCI	N	11/27/2001	5.94	7.04	--	--	--	--	7,304	--	16.67	14.93	--	--	--	--	--	2.86
SCIMW-11	SCI	N	7/30/2002	2.64	7.73	--	130.1	-64.05	--	9,926	--	21.32	20.30	--	--	--	--	--	5.59
SCIMW-11	SCI	N	1/22/2003	3.59	6.15	--	-33.5	25.5	--	12,860	--	17.29	16.40	--	--	--	--	--	2.19

TABLE 6. GROUNDWATER QUALITY PARAMETER RESULTS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-11	Fugro	N	10/1/2004	2.79	6.7	--	16.7	-6.2	--	14,950	--	23.40	23.08	--	--	--	--	--	6
SCIMW-11	Fugro	N	10/5/2005	4.22	6.73	--	-208.3	-142.5	--	15,700	--	21.03	21.62	--	--	--	--	--	14.09
SCIMW-12	SCI	O	9/18/1998	4.14	7.13	6.0	25.0	--	132.0	24,700	--	--	--	--	--	<1.0	--	--	4.19
SCIMW-12	SCI	O	12/11/1998	3.73	7.10	6.5	52.6	47.5	252.0	27,300	--	--	--	--	--	<1.0	--	--	--
SCIMW-12	SCI	O	12/11/1998	3.73	7.10	6.5	52.6	47.5	252.0	27,300	--	--	--	--	--	<1.0	--	--	--
SCIMW-12	SCI	O	8/26/1999	6.91	7.29	--	149.4	140.1	--	22,904	19,800	--	--	--	--	<1.0	--	--	4.78
SCIMW-12	SCI	O	9/18/1998	7.42	6.78	--	-280.0	--	--	--	--	--	--	--	--	--	--	--	0.10
SCIMW-12	SCI	O	5/7/1999	3.75	7.09	--	320.1	373.9	--	19,060	23,900	16.12	15.93	18.16	15.27	2.4	--	92.8	8.25
SCIMW-12	SCI	O	11/30/1999	4.03	6.33	--	417.0	387.9	--	25,160	27,400	16.37	16.79	--	--	<1.0	--	--	6.89
SCIMW-12	SCI	O	4/6/2000	4.53	6.77	--	337.4	305.1	--	18,430	19,800	15.97	16.22	--	--	1.6	--	--	5.95
SCIMW-12	SCI	O	7/30/2002	3.74	6.57	--	56.8	81.6	--	22,420	--	19.90	21.65	--	--	--	--	--	5.74
SCIMW-13	SCI	J	9/18/1998	7.42	6.78	--	-280.0	--	--	--	--	--	--	--	--	--	--	--	0.10
SCIMW-13	SCI	J	12/1/1999	6.73	6.87	--	-82.6	-236.6	--	11,320	--	20.83	21.45	--	--	--	--	--	2.95
SCIMW-13	SCI	J	10/5/2000	7.04	6.60	--	-40.0	-133.5		10,730	--	24.50	22.90	--	--	--	--	--	6.24
SCIMW-13	SCI	J	11/28/2001	6.77	6.78	--	--	--	--	12,310	--	22.51	20.50	--	--	--	--	--	6.13
SCIMW-13	SCI	J	1/23/2003	7.00	6.29	--	30.9	-11.6	--	6,010	--	18.05	19.82	--	--	--	--	--	1.92
SCIMW-13	Fugro	J	10/4/2004	6.87	6.6	--	-281.6	-331.4	--	22,050	--	22.12	23.44	--	--	--	--	--	1.98
SCIMW-13	Fugro	J	10/5/2005	7.09	6.58	--	-374.6	-363.3	--	26,290	--	20.67	22.11	--	--	--	--	--	12.43
SCIMW-14	SCI	I/J	9/18/1998	5.48	6.75	6.1	-116.0	--	140.0	3,190	--	--	--	--	--	23	--	--	0.18
SCIMW-14	SCI	I/J	12/11/1998	5.91	7.00	6.8	42.3	-81.1	100.0	5,600	--	--	--	--	--	14	--	--	--
SCIMW-14	SCI	I/J	5/7/1999	6.00	7.04	--	385.9	-87.2	--	1,779	1,970	17.50	16.30	--	--	--	--	70.9	--
SCIMW-14	SCI	I/J	8/26/1999	7.95	7.19	--	-59.2	-77.6	--	13,657	2,930	--	--	--	--	16	--	--	1.82
SCIMW-14	SCI	I/J	11/30/1999	5.30	6.40	--	321.0	-73.8	--	3,090	1,290	19.41	18.86	--	--	13	--	--	7.17
SCIMW-14	SCI	I/J	4/6/2000	5.61	7.00	--	132.3	-24.2	--	630	1,080	16.05	16.47	--	--	8.4	--	--	3.36
SCIMW-14	SCI	R	5/30/2001	**Well Destroyed**															
SCIMW-15	SCI	I/J	9/21/1998	5.17	6.79	--	-147.0	--	--	--	--	--	--	--	--	--	--	--	25.10
SCIMW-15	SCI	I/J	5/4/1999	5.15	7.00	--	-102.2	-103.8	--	3,948	--	17.70	17.30	--	--	--	--	25.1	--

TABLE 6. GROUNDWATER QUALITY PARAMETER RESULTS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-15	SCI	I/J	11/30/1999	4.71	6.39	--	-111.9	-86.4	--	7,120	6,170	20.86	19.68	--	--	23	--	--	0.78
SCIMW-15	SCI	I/J	10/4/2000	4.97	6.46	--	-75.0	-56.0	--	5,700	--	21.51	21.51	--	--	--	--	--	1.47
SCIMW-15	SCI	I/J	5/2/2001	5.05	6.66	--	-18.3	-18.1	--	3,710	--	16.00	15.77	--	--	--	--	--	1.44
SCIMW-15	SCI	I/J	11/29/2001	8.60	6.55	--	--	--	--	4,489	--	16.42	16.61	--	--	--	--	--	0.38
SCIMW-15	SCI	I/J	7/30/2002	4.18	7.07	--	25.2	-61.6	--	4,840	--	16.42	16.61	--	--	--	--	--	4.70
SCIMW-15	SCI	I/J	1/22/2003	5.12	6.46	--	9.5	-14.5	--	4,590	--	16.12	15.76	--	--	--	--	--	1.83
SCIMW-15	Fugro	I/J	10/1/2004	4.97	6.49	--	-108.9	-107.8	--	9,232	--	20.81	23.34	--	--	--	--	--	0.62
SCIMW-15	Fugro	I/J	10/6/2005	4.90	5.98	--	-76	-86.3	--	7,768	--	19.85	21.37	--	--	--	--	--	10.55
SCIMW-16	SCI	R	9/21/1998	7.04	5.46	--	-160.0	--	--	--	--	--	--	--	--	--	--	--	0.11
SCIMW-16	SCI	R	5/4/1999	6.68	6.90	--	-105.2	-145.1	--	18,200	--	19.80	13.40	--	--	--	--	49.7	--
SCIMW-16	SCI	R	11/30/1999	6.66	6.95	--	-103.4	-148.8	--	22,360	--	20.76	19.52	--	--	--	--	--	2.88
SCIMW-16	SCI	R	7/31/2002	6.39	7.35	--	-293.0	-205.6	--	24,080	--	27.64	22.34	--	--	--	--	--	2.56
SCIMW-17	SCI	R	9/21/1998	6.94	5.13	--	-122.0	--	--	--	--	--	--	--	--	--	--	--	0.14
SCIMW-17	SCI	R	12/1/1999	6.65	7.09	--	-124.6	-135.1	--	5,810	--	19.71	20.93	--	--	--	--	--	3.10
SCIMW-18	SCI	L	9/24/1998	7.23	6.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-18	SCI	L	12/1/1999	6.67	6.99	--	-138.2	-141.4	--	13,670	--	20.14	20.75	--	--	--	--	--	2.07
SCIMW-18	SCI	L	10/4/2000	7.11	6.71	--	-67.4	-38.6	--	13,800	--	22.19	19.05	--	--	--	--	--	1.90
SCIMW-18	SCI	L	11/29/2001	4.76	6.75	--	--	--	--	23,330	--	19.70	19.36	--	--	--	--	--	1.63
SCIMW-18	SCI	L	1/22/2003	6.86	6.38	--	-56.2	-60.2	--	16,580	--	19.37	18.96	--	--	--	--	--	1.43
SCIMW-19	SCI	R	9/18/1998	6.38	6.79	--	-138.0	--	--	--	--	--	--	--	--	--	--	--	0.14
SCIMW-19	SCI	R	12/2/1999	6.46	6.93	--	102.1	-99.0	--	5,070	--	19.53	20.85	--	--	--	--	--	3.91
SCIMW-19	SCI	R	7/31/2002	6.36	6.71	--	-37.7	-75.8	--	12,330	--	22.00	21.53	--	--	--	--	--	12.33
SCIMW-20	SCI	H/Q	9/21/1998	6.79	6.85	--	-86.0	--	--	--	--	--	--	--	--	--	--	--	0.16
SCIMW-20	SCI	H/Q	12/2/1999	6.41	6.81	--	76.6	-123.3	--	6,160	--	15.86	18.30	--	--	--	--	--	5.39
SCIMW-20	SCI	H/Q	5/30/2001	**Well Destroyed**															
SCIMW-21	SCI	D	5/6/1997	7.44	--	6.9	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-21	SCI	D	9/22/1998	7.54	6.91	6.9	228.0	--	--	--	--	--	--	--	--	--	--	--	0.18

TABLE 6. GROUNDWATER QUALITY PARAMETER RESULTS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-21	SCI	D	12/3/1999	8.98	6.79	--	68.3	-117.0	--	890	--	14.13	17.59	--	--	--	--	--	2.49
SCIMW-21	SCI	D	10/5/2000	7.75	6.80	--	82.4	-7.2	--	995	--	18.99	18.00	--	--	--	--	--	4.30
SCIMW-21	SCI	D	11/29/2001	6.89	6.60	--	--	--	--	16,900	--	18.03	17.77	--	--	--	--	--	1.63
SCIMW-21	SCI	D	8/1/2002	6.48	6.85	--	-37.0	-50.6	--	11,680	--	17.03	17.62	--	--	--	--	--	1.88
SCIMW-21	SCI	D	1/23/2003	6.83	6.66	--	-13.2	-19.0	--	1,799	--	13.82	18.06	--	--	--	--	--	3.41
SCIMW-22	SCI	P	9/22/1998	7.24	6.58	--	-138.0	--	--	--	--	--	--	--	--	--	--	--	0.15
SCIMW-22	SCI	P	5/5/1999	7.66	6.81	--	-102.2	-107.1	--	13,217	--	17.79	17.00	--	--	--	--	31.5	--
SCIMW-22	SCI	P	12/2/1999	6.81	6.77	--	-40.0	-125.7	--	17,110	--	19.79	21.05	--	--	--	--	--	3.09
SCIMW-22	SCI	P	10/6/2000	5.36	7.04	--	-80.0	10.7	--	6,240	--	19.10	20.06	--	--	--	--	--	1.74
SCIMW-22	SCI	P	11/29/2001	7.35	6.16	--	--	--	--	17,910	--	20.22	19.52	--	--	--	--	--	1.35
SCIMW-22	SCI	P	11/22/2003	7.32	6.44	--	-286.0	-101.0	--	23,420	--	20.04	15.53	--	--	--	--	--	1.04
SCIMW-22	Fugro	P	10/4/2004	6.08	6.59	--	-253.4	-261.7	--	19,480	--	24.41	25.54	--	--	--	--	--	1.13
SCIMW-22	Fugro	P	10/6/2005	6.24	6.17	--	-237.2	-267.8	--	20,450	--	22.59	23.63	--	--	--	--	--	20.05
SCIMW-23	SCI	B	5/6/1997	5.55	--	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	9/24/1998	5.46	6.83	6.1	--	--	-50.0	9,940	--	--	--	--	--	8.3	--	--	--
SCIMW-23	SCI	B	12/11/1998	6.39	6.74	6.4	-63.0	40.0	29.0	--	--	--	--	--	--	--	--	--	1.66
SCIMW-23	SCI	B	5/6/1999	6.09	6.57	--	-43.3	-60.4	--	4,660	210	18.15	17.63	3.96	7.61	11	11	72.7	6.76
SCIMW-23	SCI	B	8/26/1999	4.35	6.46	--	-89.1	-85.3	--	7,653	7,490	--	--	--	--	11	--	--	1.79
SCIMW-23	SCI	B	12/3/1999	5.56	6.41	--	-95.4	-136.6	--	10,680	11,200	19.21	20.35	--	--	13	--	--	0.62
SCIMW-23	SCI	B	4/6/2000	2.79	6.70	--	28.0	-92.1	--	6,809	1,970	18.81	17.08	--	--	13	--	--	3.13
SCIMW-23	SCI	B	10/4/2000	2.79	6.72	--	-41.0	-34.7	--	11,790	--	18.96	19.59	--	--	--	--	--	3.48
SCIMW-23	SCI	B	5/2/2001	5.94	6.35	--	-23.4	-20.2	--	8,600	--	18.77	18.00	--	--	--	--	--	1.84
SCIMW-23	SCI	B	11/29/2001	6.16	6.73	--	--	--	--	25,350	--	19.57	19.39	--	--	--	--	--	1.17
SCIMW-23	SCI	H	9/30/2004	**Well Destroyed**															
SCIMW-24	SCI	N	9/18/1998	4.96	6.38	6.3	-158.0	--	-52.0	1,850	--	--	--	--	--	29	--	--	0.13
SCIMW-24	SCI	N	12/11/1998	5.79	6.80	6.6	117.3	-100.6	-21.0	13,200	--	--	--	--	--	27	--	--	1.18
SCIMW-24	SCI	N	5/6/1999	5.14	6.92	--	-87.2	-81.2	--	1,134	1,090	19.19	18.65	0.88	0.87	23	--	72	6.67

TABLE 6. GROUNDWATER QUALITY PARAMETER RESULTS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-24	SCI	N	12/1/1999	4.99	6.28	--	-47.0	-59.8	--	2,586	2,370	20.60	20.02	--	--	19	--	--	5.09
SCIMW-24	SCI	N	4/6/2000	5.05	6.83	--	-92.1	-97.6	--	1,781	--	18.84	18.07	--	--	33	--	--	1.60
SCIMW-24	SCI	N	10/5/2000	4.95	6.60	--	33.5	-32.5	--	2,720	--	24.25	23.17	--	--	--	--	--	7.45
SCIMW-24	SCI	N	5/2/2001	4.94	5.84	--	-30.0	-19.5	--	1,520	--	20.09	19.42	--	--	--	--	--	9.12
SCIMW-24	SCI	N	11/27/2001	5.37	6.93	--	--	--	--	2,245	--	21.37	18.12	--	--	--	--	--	2.76
SCIMW-24	SCI	N	7/30/2002	5.17	6.55	--	-113.6	-92.0	--	2,134	--	23.61	23.21	--	--	--	--	--	4.28
SCIMW-24	SCI	N	1/22/2003	5.74	6.65	--	94.9	-53.2	--	1,958	--	18.64	17.07	--	--	--	--	--	1.09
SCIMW-24	Fugro	N	10/4/2004	5.11	6.15	--	-116.6	-106.4	--	4,011	--	22.87	24.55	--	--	--	--	--	1.17
SCIMW-24	Fugro	N		5.73	4.76	--	-117.1	-115.9	--	1,083	--	19.14	19.53	--	--	--	--	--	0.68
SCIMW-24	Fugro	N	10/6/2005	4.96	6.47	--	-108.5	-97.0	--	21,720	--	20.91	23.39	--	--	--	--	--	7.28
SCIMW-25	SCI	H	5/30/2001	**Well Destroyed**															
SCIMW-26	SCI	H	9/22/1998	7.41	6.54	--	-94.0	--	--	--	--	--	--	--	--	--	--	--	0.11
SCIMW-26	SCI	H	12/2/1999	7.92	6.74	--	-175.4	-163.2	--	11,240	--	18.53	17.75	--	--	--	--	--	2.53
SCIMW-26	SCI	H	10/6/2000	7.92	6.35	--	-9.5	-2.5	--	11,560	--	23.58	22.50	--	--	--	--	--	1.49
SCIMW-26	SCI	H	1/24/2003	5.74	7.44	--	31.3	-9.2	--	1,198	--	14.67	15.52	--	--	--	--	--	3.14
SCIMW-26	Fugro	H	10/4/2004	7.75	5.98	--	-40.3	-92.2	--	10,880	--	21.52	22.83	--	--	--	--	--	1.47
SCIMW-26	Fugro	H	10/6/2005	7.44	5.97	--	-100.2	-102.7	--	15,760	--	19.09	22.41	--	--	--	--	--	23.93
SCIMW-27	SCI	E/H	9/22/1998	6.58	6.85	--	-52.0	--	--	--	--	--	18	--	--	--	--	--	0.11
SCIMW-27	SCI	E/H	12/2/1999	6.52	6.75	--	-19.0	-97.0	--	11,180	--	15.61	17.34	--	--	--	--	--	4.29
SCIMW-28	SCI	Q	9/23/1998	7.83	6.85	--	--	--	--	--	--	--	17	--	--	--	--	--	--
SCIMW-28	SCI	Q	5/6/1999	8.98	6.75	--	-55.9	-77.6	--	460	--	14.36	15.70	0.35	8.5	17	--	82.3	8.47
SCIMW-28	SCI	Q	12/2/1999	8.26	6.53	--	91.1	-60.1	--	219	--	15.23	16.99	--	--	--	--	--	3.51
SCIMW-28	SCI	Q	10/5/2000	7.79	5.98	--	110.2	17.1	--	460	--	18.93	17.70	--	--	--	--	--	6.13
SCIMW-28	SCI	Q	5/2/2001	8.77	5.48	--	-20.7	-21.2	--	400	--	15.98	16.17	--	--	--	--	--	2.11
SCIMW-28	SCI	Q	11/29/2001	8.19	6.56	--	--	--	--	22,710	--	16.82	16.75	--	--	--	--	--	4.60
SCIMW-28	SCI	Q	7/31/2002	8.19	6.64	--	-13.5	-40.7	--	22,710	--	16.82	16.75	--	--	--	--	--	4.60
SCIMW-28	SCI	Q	1/23/2003	8.70	6.11	--	-13.9	2.7	--	320	--	14.83	17.28	--	--	--	--	--	3.42

TABLE 6. GROUNDWATER QUALITY PARAMETER RESULTS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-28	Fugro	Q	10/6/2004	7.81	6.05	--	-36.4	-16.8	--	758	--	19.77	18.89	--	--	--	--	--	0.93
SCIMW-28	Fugro	Q	10/7/2005	3.32	5.67	--	-83.6	-88.9	--	20,210	--	17.24	18.14	--	--	--	--	--	21.37
SCIMW-29	SCI	Q	10/4/2000	7.50	6.4	--	64.4	-5.3	--	6,800	--	18.20	17.50	--	--	--	--	--	4.60
SCIMW-29	SCI	Q	12/10/2001	7.93	6.67	--	--	--	--	--	--	16.80	15.60	--	--	--	--	--	--
SCIMW-29	SCI	Q	1/22/2003	7.71	6.67	--	-2.8	-105.1	--	6,270	--	16.18	16.82	--	--	--	--	--	2.41
SCIMW-29	Fugro	Q	10/6/2004	7.48	6.65	--	29.5	-195	--	4,956	--	18.13	17.42	--	--	--	--	--	2.04
SCIMW-29	Fugro	Q	10/7/2005	7.48	5.80	--	-180.1	-250.4	--	21,160	--	16.65	16.78	--	--	--	--	--	21.66
SCIMW-30	SCI	P	9/21/1998	7.63	6.58	--	-132.0	--	--	--	--	--	16.99	--	--	--	--	--	0.12
SCIMW-30	SCI	P	5/5/1999	7.89	6.30	--	-3.9	-109.1	--	4,777	--	18.60	18.50	--	--	--	--	32.3	--
SCIMW-30	SCI	P	12/2/1999	7.94	7.03	--	-89.9	-139.0	--	14,410	--	19.53	19.66	--	--	--	--	--	1.71
SCIMW-30	SCI	P	10/6/2000	7.26	6.73	--	-61.9	-152.6	--	13,510	--	24.26	20.40	--	--	--	--	--	3.38
SCIMW-30	SCI	P	5/2/2001	8.10	6.22	--	-24.5	-45.8	--	7,750	--	19.67	19.25	--	--	--	--	--	2.72
SCIMW-30	SCI	P	11/29/2001	7.60	6.41	--	--	--	--	23,220	--	22.21	22.09	--	--	--	--	--	1.32
SCIMW-30	SCI	P	7/30/2002	7.93	6.81	--	-237	-302.3	--	10,030	--	24.56	20.25	--	--	--	--	--	9.91
SCIMW-30	SCI	P	1/22/2003	8.09	6.27	--	-262.8	-327.0	--	12,830	--	16.89	16.54	--	--	--	--	--	4.74
SCIMW-30	Fugro	P	10/4/2004	7.45	6.66	--	-381.7	-355.1	--	15,970	--	20.92	20.91	--	--	--	--	--	1.84
SCIMW-30	Fugro	P	10/6/2005	7.47	6.53	--	-283.9	-299.9	--	22,300	--	19.72	21.21	--	--	--	--	--	20.72
SCIMW-31D	SCI	P	9/21/1998	4.34	5.07	--	-20.0	--	--	--	--	--	19.66	--	--	--	--	--	0.18
SCIMW-31D	SCI	P	5/5/1999	4.01	6.51	--	302.7	55.3	--	12,370	--	19.89	19.90	--	--	--	--	109.4	--
SCIMW-31D	SCI	P	12/1/1999	4.13	6.36	--	80.7	50.1	--	15,780	--	20.00	19.12	--	--	--	--	--	5.73
SCIMW-31D	SCI	P	10/4/2000	4.32	6.32	--	240.4	294.4	--	16,790	--	18.99	19.06	--	--	--	--	--	4.10
SCIMW-31D	SCI	P	5/2/2001	4.02	6.00	--	-17.6	-17.4	--	17,020	--	19.90	20.00	--	--	--	--	--	4.98
SCIMW-31D	SCI	P	11/29/2001	4.47	6.37	--	--	--	--	26,600	--	21.30	21.04	--	--	--	--	--	4.00
SCIMW-31D	SCI	P	7/30/2002	4.05	7.09	--	0.3	31.7	--	17,460	--	22.63	20.94	--	--	--	--	--	7.37
SCIMW-31D	SCI	P	1/22/2003	4.83	6.69	--	328.0	357.9	--	9,475	--	20.82	19.24	--	--	--	--	--	3.90
SCIMW-31D	Fugro	P	10/4/2004	5.37	7.22	--	-144.8	-17.4	--	10,830	--	24.59	20.05	--	--	--	--	--	3.25
SCIMW-31D	Fugro	P	10/6/2005	5.36	6.54	--	-178.6	-39.1	--	74	--	21.87	19.84	--	--	--	--	--	0.84

TABLE 6. GROUNDWATER QUALITY PARAMETER RESULTS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-32	SCI	I/P	9/21/1998	7.71	5.11	--	-101.0	--	--	--	--	--	19.12	--	--	--	--	--	0.09
SCIMW-32	SCI	I/P	5/5/1999	8.43	6.24	--	-44.2	-88.4	--	2,839	--	20.56	19.08	--	--	--	--	94.6	--
SCIMW-32	SCI	I/P	12/1/1999	8.04	7.03	--	-13.3	-79.8	--	3,847	--	21.68	21.45	--	--	--	--	--	3.82
SCIMW-32	Fugro	I/P	10/4/2004	7.79	6.48	--	-229.7	-211.2	--	11,680	--	23.44	22.94	--	--	--	--	--	1.04
SCIMW-32	Fugro	I/P	10/6/2005	7.79	6.35	--	-70.3	-78.3	--	15,850	--	23.63	22.43	--	--	--	--	--	29.32
SCIMW-33	SCI	I/J	9/21/1998	7.15	4.98	--	-194.0	--	--	--	--	--	21.45	--	--	--	--	--	0.09
SCIMW-33	SCI	I/J	5/5/1999	7.47	6.60	--	-72.9	-88.4	--	3,355	--	19.80	19.11	--	--	--	--	35.3	--
SCIMW-33	SCI	I/J	12/1/1999	6.75	6.81	--	-58.8	-113.2	--	6,845	--	19.94	22.11	--	--	--	--	--	3.67
SCIMW-33	SCI	I/J	10/4/2000	7.12	6.06	--	10.1	-79.7	--	7,800	--	24.05	20.44	--	--	--	--	--	2.97
SCIMW-33	SCI	I/J	5/2/2001	7.17	6.44	--	-21.0	-19.4	--	5,160	--	20.32	19.19	--	--	--	--	--	3.33
SCIMW-33	SCI	I/J	11/27/2001	7.84	6.89	--	--	--	--	7,535	--	20.91	19.81	--	--	--	--	--	3.40
SCIMW-33	SCI	I/J	7/30/2002	7.93	7.03	--	-69.5	-40.9	--	16,900	--	20.59	21.48	--	--	--	--	--	--
SCIMW-33	SCI	I/J	1/23/2003	7.41	6.29	--	-104.1	-160.0	--	11,390	--	18.94	20.60	--	--	--	--	--	2.29
SCIMW-33	Fugro	I/J	10/6/2004	6.95	6.5	--	-114.2	-122.7	--	7,511	--	24.55	23.40	--	--	--	--	--	0.98
SCIMW-33	Fugro	I/J	10/6/2005	6.91	6.32	--	-87.0	-89.7	--	15,990	--	21.51	21.67	--	--	--	--	--	23.46
SCIMW-34	SCI	R	9/24/1998	4.87	6.87	6.3	--	--	-15.0	15,000	--	--	22.11	--	--	12	--	--	--
SCIMW-34	SCI	R	12/11/1998	4.91	6.78	6.5	-110.2	-60.9	118.0	6,520	--	--	--	--	--	11	--	--	2.33
SCIMW-34	SCI	R	5/5/1999	4.49	6.82	--	-52.3	-43.3	--	6,775	15,500	15.57	14.75	--	--	4.9	--	46.1	--
SCIMW-34	SCI	R	8/26/1999	6.86	6.63	--	29.4	8.6	--	13,905	11,400	--	--	--	--	5.7	--	--	1.36
SCIMW-34	SCI	R	12/2/1999	4.70	6.91	--	174.8	23.0	--	11,810	14,400	17.46	17.16	--	--	7.2	--	--	4.35
SCIMW-34	SCI	R	4/6/2000	5.50	6.97	--	202.4	194.9	--	12,510	14,400	14.61	14.53	--	--	6.0	--	--	3.87
SCIMW-34	SCI	R	10/5/2000	5.94	6.40	--	8.2	14.2	--	9,020	--	20.0	18.60	--	--	--	--	--	2.47
SCIMW-34	SCI	R	5/2/2001	4.46	6.05	--	-19.4	-18.1	--	7,980	--	16.02	15.22	--	--	--	--	--	2.31
SCIMW-34	SCI	R	11/29/2001	4.78	6.41	--	--	--	--	18,060	--	17.90	17.50	--	--	--	--	--	1.92
SCIMW-34	SCI	R	7/30/2002	4.69*	7.42	--	8.6	-15.4	--	16,980	--	17.21	17.58	--	--	--	--	--	4.91
SCIMW-34	SCI	R	1/22/2003	5.09	6.74	--	-74.0	-99.0	--	10,060	--	14.58	15.22	--	--	--	--	--	2.02
SCIMW-34	Fugro	R	10/6/2004	4.88	6.29	--	211.1	184.3	--	16,320	--	19.19	19.15	--	--	--	--	--	1.36

TABLE 6. GROUNDWATER QUALITY PARAMETER RESULTS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-34	Fugro	R	10/6/2005	4.65	6.17	--	-18.8	-28.6	--	16,430	--	18.28	18.33	--	--	--	--	--	17.19
SCIMW-35	SCI	R	9/23/1998	4.74	6.76	--	125.0	--	--	--	--	--	--	--	--	--	--	--	3.06
SCIMW-35	SCI	R	12/11/1998	5.15	6.88	--	41.0	-7.1	--	--	--	--	--	--	--	--	--	--	1.80
SCIMW-35	SCI	R	5/5/1999	4.50	6.76	--	83.0	64.0	--	2,382	--	16.06	15.70	--	--	--	--	147.6	--
SCIMW-35	SCI	R	8/26/1999	5.95	6.98	--	96.6	3.3	--	9,283	--	--	--	--	--	--	--	--	2.61
SCIMW-35	SCI	R	12/2/1999	4.63	6.55	--	166.9	111.5	--	10,250	--	18.39	18.56	--	--	--	--	--	4.52
SCIMW-35	SCI	R	4/6/2000	4.55	6.87	--	309.5	263.4	--	6,123	--	15.57	16.03	--	--	--	--	--	2.86
SCIMW-35	SCI	R	10/5/2000	4.55	6.27	--	164.0	101.3	--	7,888	--	22.28	20.77	--	--	--	--	--	3.07
SCIMW-35	SCI	R	11/29/2001	4.81	6.81	--	--	--	--	15,210	--	19.81	19.62	--	--	--	--	--	1.90
SCIMW-35	SCI	R	1/22/2003	5.08	6.99	--	91.8	120.0	--	6,370	--	17.61	16.05	--	--	--	--	--	2.59
SCIMW-35	Fugro	R	10/6/2004	4.84	6.41	--	176	123.1	--	14,050	--	21.02	21.49	--	--	--	--	--	1.22
SCIMW-35	Fugro	R	10/5/2005	4.60	6.03	--	11.3	-6.3	--	20,499	--	19.65	20.20	--	--	--	--	--	2.73

Notes:
Eh = Redox potential or oxidizing-reduction potential
TDS = Total Dissolved Solids
mV = millivolts
mg/L = milligrams per Liter
Groundwater elevation measurements presented are those collected on the first day of sampling for the event and may not be the same as the date sampled.
* = Well was inaccessible on the first day of sampling, the groundwater elevation presented was obtained on the day that the well was actually sampled and is not shown on Table 2.
Fugro West, Inc. (Fugro) acquired the assets of
Subsurface Consultants, Inc. (SCI) in September 2001.

TABLE 7
HISTORICAL POLYNUCLEAR AROMATIC CONCENTRATIONS
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	Acenaphthene (µg/L)		Acenaphthylene (µg/L)		Anthracene (µg/L)		Chrysene (µg/L)		Benzo(b, k) Fluoranthene (µg/L)		Benzo(g,h,i) Perlene (µg/L)		Benzo(a) Pyrene (µg/L)		Indeno (1,2,3-cd) pyrene (µg/L)		Fluoranthene (µg/L)		Fluorene (µg/L)		Naphthalene (µg/L)		Phenanthrene (µg/L)		Other PNAs (µg/L)	
					Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
MW-5	SCI	F	1/20/1997	8.38	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
MW-6	SCI	F	9/5/1996	6.67	<470	--	<470	--	<470	--	<470	--	<470	--	<470	--	<470	--	<470	--	<470	--	<470	--	<470	--	<470	--	a	--
MW-7	SCI	M	9/5/1996	5.48	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
MW-7	SCI	M	1/17/1997	6.48	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-1	SCI	E/H	5/24/1996	5.09	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-1	SCI	E/H	9/6/1996	4.39	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-1	SCI	E/H	1/22/1997	5.29	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-2	SCI	N	5/23/1996	4.04	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-2	SCI	N	9/4/1996	3.38	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	b	--
SCIMW-2	SCI	N	1/17/1997	3.82	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-2	SCI	N	9/18/1998	4.07	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	ND	--
SCIMW-2	SCI	N	12/10/1998	3.52	<10	<9.8	<10	<9.8	<10	<9.8	<10	<9.8	<10	<9.8	<10	<9.8	<10	<9.8	<10	<9.8	<10	<9.8	<10	<9.8	<10	<9.8	<10	<9.8	--	--
SCIMW-3	SCI	I/J	5/23/1996	7.22	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-3	SCI	I/J	9/5/1996	6.67	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-3	SCI	I/J	1/20/1997	6.46	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-3	SCI	I/J	9/18/1998	4.29	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	--
SCIMW-4	SCI	L	8/26/1996	5.50	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-4	SCI	L	1/22/1997	8.43	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-5	SCI	M	9/3/1996	4.63	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-5	SCI	M	1/20/1997	6.12	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-5	SCI	M	5/31/2001	**Well Destroyed**																										
SCIMW-6	SCI	C	8/28/1996	4.69	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-6	SCI	C	1/22/1997	4.68	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-6	SCI	C	9/23/1998	4.38	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	ND	--
SCIMW-6	SCI	C	12/10/1998	3.91	<9.4	<9.9	<9.4	<9.9	<9.4	<9.9	<9.4	<9.9	<9.4	<9.9	<9.4	<9.9	<9.4	<9.9	<9.4	<9.9	<9.4	<9.9	<9.4	<9.9	<9.4	<9.9	<9.4	<9.9	--	--
SCIMW-7	SCI	P/Q	9/6/1996	3.31+	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-7	SCI	P/Q	1/20/1997	7.32	<19	--	<19	--	<19	--	<19	--	<19	--	<19	--	<19	--	<19	--	<19	--	<19	--	28	--	<19	--	ND	--
SCIMW-8	SCI	I	8/26/1996	7.11	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-8	SCI	I	1/21/1997	7.70	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-8	SCI	I	9/18/1998	7.25	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	--

TABLE 7
HISTORICAL POLYNUCLEAR AROMATIC CONCENTRATIONS
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	Acenaphthene (µg/L)		Acenaphthylene (µg/L)		Anthracene (µg/L)		Chrysene (µg/L)		Benzo(b, k) Fluoranthene (µg/L)		Benzo(g,h,i) Perlene (µg/L)		Benzo(a) Pyrene (µg/L)		Indeno (1,2,3-cd) pyrene (µg/L)		Fluoranthene (µg/L)		Fluorene (µg/L)		Naphthalene (µg/L)		Phenanthrene (µg/L)		Other PNAs (µg/L)	
					Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
SCIMW-9	SCI	I	8/29/1996	6.40	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-9	SCI	I	1/23/1997	6.66	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-9	SCI	I	9/22/1998	6.64	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	--
SCIMW-10	SCI	J	8/26/1996	7.95	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-10	SCI	J	1/23/1997	7.87	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-11	SCI	N	8/28/1996	3.83	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-11	SCI	N	1/17/1997	4.32	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-11	SCI	N	9/23/1998	4.72	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	ND	--
SCIMW-11	SCI	N	12/10/1998	3.32	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	--	--
SCIMW-12	SCI	O	8/29/1996	4.09	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-12	SCI	O	1/17/1997	4.53	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-13	SCI	J	8/29/1996	7.21	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-13	SCI	J	1/23/1997	6.93	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-13	SCI	J	9/18/1998	7.42	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	--
SCIMW-14	SCI	I/J	8/29/1996	5.36	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-14	SCI	I/J	1/21/1997	5.64	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-14	SCI	I/J	9/18/1998	5.48	<9.8	<9.8	<9.8		<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	ND	--
SCIMW-14	SCI	I/J	5/31/2001	**Well Destroyed**																										
SCIMW-15	SCI	I/J	8/29/1996	4.85	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-15	SCI	I/J	1/17/1997	5.01	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-15	SCI	I/J	9/21/1998	5.17	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	--
SCIMW-16	SCI	R	8/30/1996	6.81	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-16	SCI	R	1/22/1997	7.03	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-17	SCI	R	8/29/1996	6.55	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-17	SCI	R	1/22/1997	7.67	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-18	SCI	L	9/6/1996	5.22+	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-18	SCI	L	1/20/1997	6.98	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-19	SCI	R	8/30/1996	6.16	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-19	SCI	R	1/21/1997	7.42	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-20	SCI	H/Q	9/3/1996	7.03	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-20	SCI	H/Q	1/20/1997	7.67	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--

TABLE 7
HISTORICAL POLYNUCLEAR AROMATIC CONCENTRATIONS
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	Acenaphthene (µg/L)		Acenaphthylene (µg/L)		Anthracene (µg/L)		Chrysene (µg/L)		Benzo(b, k) Fluoranthene (µg/L)		Benzo(g,h,i) Perlene (µg/L)		Benzo(a) Pyrene (µg/L)		Indeno (1,2,3-cd) pyrene (µg/L)		Fluoranthene (µg/L)		Fluorene (µg/L)		Naphthalene (µg/L)		Phenanthrene (µg/L)		Other PNAs (µg/L)	
					Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
SCIMW-20	SCI	H/Q	5/30/2001	**Well Destroyed**																										
SCIMW-22	SCI	P	5/6/1997	8.22	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-24	SCI	N	5/6/1997	4.44	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	70	--	5.9J	--	c	--
SCIMW-24	SCI	N	9/18/1998	4.96	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	--
SCIMW-24	SCI	N	5/6/1999	5.14	--	<10	--	<10	--	<10	--	<10	--	<10	--	--	--	<10	--	<10	--	<10	--	<10	--	77	--	<10	--	--
SCIMW-24	SCI	N	12/1/1999	4.99	--	<10	--	<10	--	<10	--	<10	--	<10	--	--	--	<10	--	<10	--	<10	--	<10	--	45	--	<10	--	--
SCIMW-24	SCI	N	10/5/2000	4.95	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	67	--	<9.5	--	--
SCIMW-24	SCI	N	11/28/2001	5.37	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	77	--	<9.6	--	<9.6
SCIMW-24	SCI	N	1/21/2003	5.74	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.2	--	92	--	10	--	<9.4
SCIMW-28	SCI	Q	9/25/1998	7.83	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	--
SCIMW-33	SCI	I/J	10/6/1998	7.15	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	--
SCIMW-34	SCI	R	10/20/1997	4.88	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-34	SCI	R	9/24/1998	4.87	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ND	--
SCIMW-34	SCI	R	12/11/1998	4.91	<9.6	<9.4	<9.6	<9.4	<9.6	<9.4	<9.6	<9.4	<9.6	<9.4	<9.6	<9.4	<9.6	<9.4	<9.6	<9.4	<9.6	<9.4	<9.6	<9.4	<9.6	<9.4	<9.6	<9.4	--	--
SCIMW-34	SCI	R	10/5/2000	5.94	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	--	--
SCIMW-34	SCI	R	5/4/2001	4.46	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11
SCIMW-34	SCI	R	11/30/2001	4.78	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6
SCIMW-34	SCI	R	7/31/2002	4.69*	--	<9.8	--	<9.8	--	<9.8	--	<9.8	--	<9.8	--	<9.8	--	<9.8	--	<9.8	--	<9.8	--	<9.8	--	<9.8	--	<9.8	--	<9.8
SCIMW-34	SCI	R	1/21/2003	5.09	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6	--	<9.6
SCIMW-35	SCI	R	10/20/1997	4.67	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--

Notes:
a: 2-Methylnaphthalene detected at 410J µg/L in MW-6
b: 2-Methylnaphthalene detected at 6.0J µg/L in SCIMW-2
c: 2-Methylnaphthalene detected at 24 µg/L in SCIMW-24
µg/L = micrograms per Liter or parts per billion
J = Estimated value
-- = Not tested
Groundwater measurements presented are those collected on the first day of sampling for the event and may not be the same as the date sampled.
elevations from all other wells were obtained.
* = Well was inaccessible on the first day of sampling, the groundwater elevation presented was obtained on the day that the well was actually sampled and is not shown on Table 2.

Fugro West, Inc. (Fugro) acquired the assets of
Subsurface Consultants, Inc. (SCI) in September

TABLE 8
HISTORICAL SEMI-VOLATILE ORGANIC CONCENTRATIONS (except PNA's)
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	BENZOIC ACID (µg/L)	BENZYL ALCOHOL (µg/L)	1,2-DI-CHLORO-BENZENE (µg/L)	1,4-DI-CHLORO-BENZENE (µg/L)	2,4-DI-METHYL-PHENOL (µg/L)	DI-N-OCTYL-PHTHALATE (µg/L)	BIS(2-ETHYL-HEXYL) PHTHALATE (µg/L)	2-METHYL-PHENOL (µg/L)	4-METHYL-PHENOL (µg/L)	PENTA-CHLORO-PHENOL (µg/L)	PHENOL (µg/L)	OTHER 8270s
MW-5	SCI	Filtered	F	1/20/1997	8.38	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
MW-6	SCI	Filtered	F	9/5/1996	6.67	<2400	<470	<470	<470	<470	<470	<470	<470	<470	<470	<470	ND
MW-7	SCI	Filtered	M	9/5/1996	5.48	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
MW-7	SCI	Filtered	M	1/17/1997	6.48	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-1	SCI	Filtered	E/H	5/24/1996	5.09	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-1	SCI	Filtered	E/H	9/6/1996	4.39	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-1	SCI	Filtered	E/H	1/22/1997	5.29	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-2	SCI	Filtered	N	5/23/1996	4.04	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-2	SCI	Filtered	N	9/4/1996	3.38	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-2	SCI	Filtered	N	1/17/1997	3.82	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-3	SCI	Filtered	I/J	5/23/1996	7.22	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-3	SCI	Filtered	I/J	9/5/1996	6.67	<47	<9.4	<9.4	<9.4	<9.4	5.5J	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-3	SCI	Filtered	I/J	1/20/1997	6.46	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-4	SCI	Filtered	L	8/26/1996	5.50	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-4	SCI	Filtered	L	1/22/1997	8.43	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-5	SCI	Filtered	M	9/3/1996	4.63	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-5	SCI	Filtered	M	1/20/1997	6.12	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-5	SCI	--	M	5/31/2001	**Well Destroyed**												
SCIMW-6	SCI	Filtered	C	8/28/1996	4.69	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-6	SCI	Filtered	C	1/22/1997	4.68	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-7	SCI	Filtered	P/Q	9/6/1996	3.31+	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	4.7J	<9.4	<9.4	ND
SCIMW-7	SCI	Filtered	P/Q	1/20/1997	7.32	280	11J	<19	<19	40	<19	<19	55	110	<19	27	ND
SCIMW-8	SCI	Filtered	I	8/26/1996	7.11	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-8	SCI	Filtered	I	1/21/1997	7.70	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND

TABLE 8
HISTORICAL SEMI-VOLATILE ORGANIC CONCENTRATIONS (except PNA's)
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	BENZOIC ACID (µg/L)	BENZYL ALCOHOL (µg/L)	1,2-DI-CHLORO-BENZENE (µg/L)	1,4-DI-CHLORO-BENZENE (µg/L)	2,4-DI-METHYL-PHENOL (µg/L)	DI-N-OCTYL-PHTHALATE (µg/L)	BIS(2-ETHYL-HEXYL) PHTHALATE (µg/L)	2-METHYL-PHENOL (µg/L)	4-METHYL-PHENOL (µg/L)	PENTA-CHLORO-PHENOL (µg/L)	PHENOL (µg/L)	OTHER 8270s
SCIMW-9	SCI	Filtered	I	8/29/1996	6.40	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-9	SCI	Filtered	I	1/23/1997	6.66	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-9	SCI	Filtered	I	9/22/1998	6.64	<48	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	NL	<9.7	<9.7	ND
SCIMW-10	SCI	Filtered	J	8/26/1996	7.95	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-10	SCI	Filtered	J	1/23/1997	7.87	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-11	SCI	Filtered	N	8/26/1996	3.83	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-11	SCI	Filtered	N	1/17/1997	4.32	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-12	SCI	Filtered	O	8/29/1996	4.09	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-12	SCI	Filtered	O	1/17/1997	4.53	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-13	SCI	Filtered	J	8/29/1996	7.21	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-13	SCI	Filtered	J	1/23/1997	6.93	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-14	SCI	Filtered	I/J	8/29/1996	5.36	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-14	SCI	Filtered	I/J	1/21/1997	5.64	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-14	SCI	--	I/J	5/30/2001	**Well Destroyed**												
SCIMW-15	SCI	Filtered	I/J	8/29/1996	4.85	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-15	SCI	Filtered	I/J	1/17/1997	5.01	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-15	SCI	Filtered	I/J	9/21/1998	5.17	<48	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	<9.5	NL	<9.5	<9.5	ND
SCIMW-16	SCI	Filtered	R	8/30/1996	6.81	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-16	SCI	Filtered	R	1/22/1997	7.03	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-17	SCI	Filtered	R	8/29/1996	6.55	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-17	SCI	Filtered	R	1/22/1997	7.67	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-18	SCI	Filtered	L	9/6/1996	5.22+	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-18	SCI	Filtered	L	1/20/1997	6.98	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-19	SCI	Filtered	R	8/30/1996	6.16	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-19	SCI	Filtered	R	1/21/1997	7.42	<47	<9.4	<9.4	<9.4	<9.4	<9.4	11	<9.4	<9.4	<9.4	<9.4	ND

TABLE 8
HISTORICAL SEMI-VOLATILE ORGANIC CONCENTRATIONS (except PNA's)
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	BENZOIC ACID (µg/L)	BENZYL ALCOHOL (µg/L)	1,2-DI-CHLORO-BENZENE (µg/L)	1,4-DI-CHLORO-BENZENE (µg/L)	2,4-DI-METHYL-PHENOL (µg/L)	DI-N-OCTYL-PHTHALATE (µg/L)	BIS(2-ETHYL-HEXYL) PHTHALATE (µg/L)	2-METHYL-PHENOL (µg/L)	4-METHYL-PHENOL (µg/L)	PENTA-CHLORO-PHENOL (µg/L)	PHENOL (µg/L)	OTHER 8270s
SCIMW-20	SCI	Filtered	H/Q	9/3/1996	7.03	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-20	SCI	Filtered	H/Q	1/20/1997	7.67	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-20	SCI	--	H/Q	5/30/2001	**Well Destroyed**												
SCIMW-22	SCI	Filtered	P	5/6/1997	8.22	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-24	SCI	Filtered	N	5/6/1997	4.44	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	14	ND
SCIMW-34	SCI	Filtered	R	10/20/1997	4.88	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-35	SCI	Unfiltered	R	10/20/1997	4.87	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND

µg/L = micrograms per liter or parts per billion
<25 = Compound not detected at or above stated reporting limit
NL = Not listed on analytical test report

ND = Not detected
+ = Groundwater level may not be stabilized
-- = Not tested

J = Estimated value
e = Sample extracted 3 days after prescribed holding time
* = Napthalene detected at 45 µg/L

Groundwater measurements presented are those collected on the first day of sampling for the event and may not be the same as the date sampled.

* = Well was inaccessible on the first day of sampling, the groundwater elevation presented was obtained on the day that the well was actually sampled and is not shown on Table 2.

Fugro West, Inc. (Fugro) acquired the assets of Subsurface Consultants, Inc. (SCI) in September 2001.

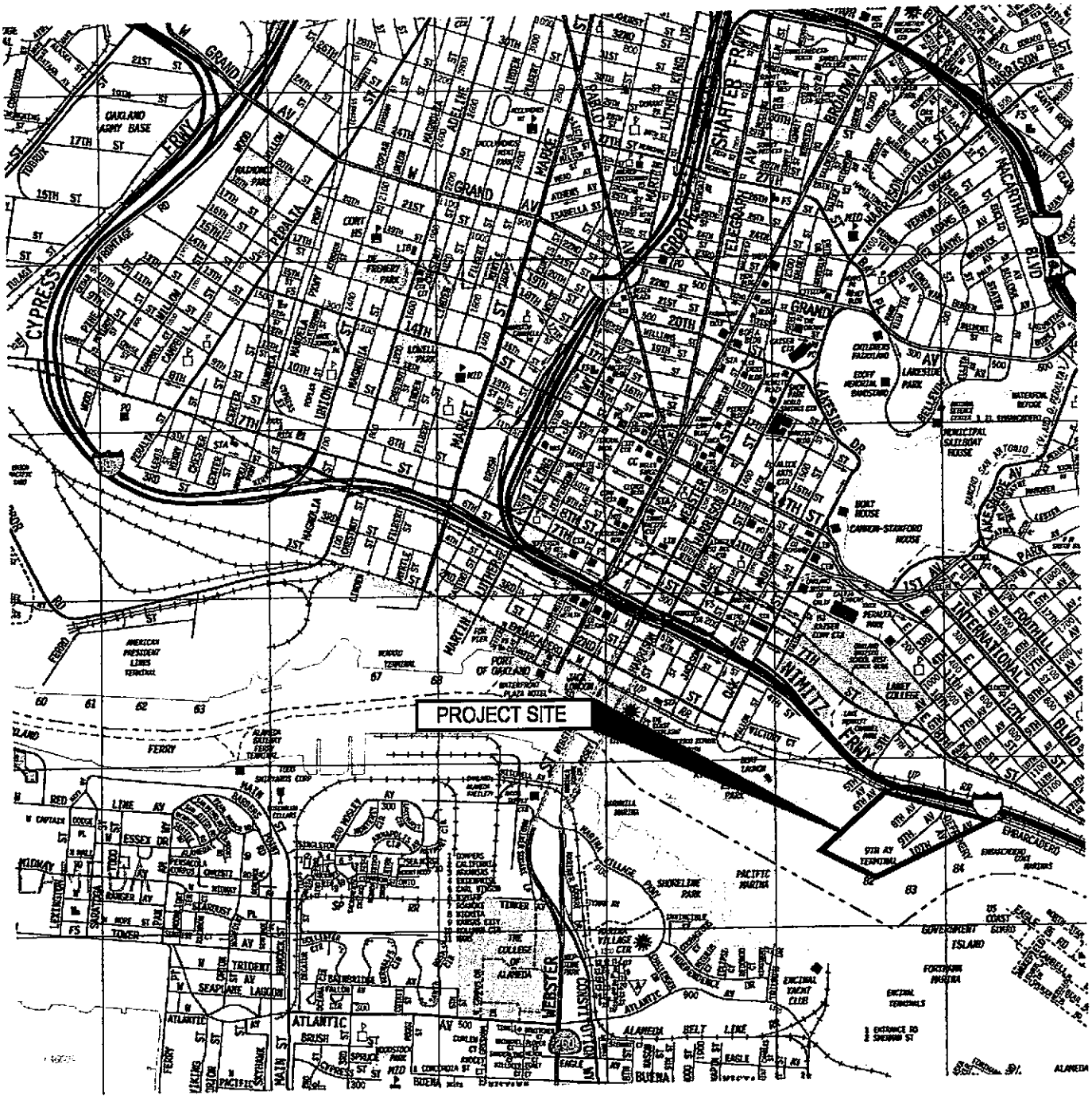
TABLE 9
CYANIDE, NITRATE AND PHOSPHORUS CONCENTRATIONS
IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	CYANIDE (µg/L)	NITRATE/ NITRITE-N (µg/L)	TOTAL PHOS-PHORUS (µg/L)
MW-5	SCI	F/H	5/6/1997	6.45	<10	--	--
MW-6	SCI	F/H	5/6/1997	7.04	<10	--	--
SCIMW-21	SCI	D	5/6/1997	7.44	--	<50	**1,100**
SCIMW-22	SCI	P	5/6/1997	8.22	<10	<50	**4,000**
SCIMW-23	SCI	B	5/6/1997	5.55	<10	<50	**9,300**
SCIMW-24	SCI	N	5/6/1997	4.44	**20**	--	--
SCIMW-25	SCI	H	5/7/1997	7.30	<10	--	--
SCIMW-25	SCI	H	5/30/2001	**Well Destroyed**			
SCIMW-26	SCI	H	5/6/1997	8.15	<10	--	--
SCIMW-27	SCI	E/H	5/6/1997	6.45	<10	--	--
SCIMW-28	SCI	Q	5/7/1997	8.34	<10	--	--
SCIMW-29	SCI	H	5/20/1997	7.48	<10	--	--

Notes:
µg/L = micrograms per liter or parts per billion
-- = Not tested
<10 = Compound not detected at or above stated reporting limit
Groundwater measurements presented are those collected on the first day of sampling for the event and may not be the same as the date sampled.

Fugro West, Inc. (Fugro) acquired the assets of Subsurface Consultants, Inc. (SCI) in September 2001.

December 2005
Project No. 133.023



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SOURCE: THIS VICINITY MAP IS BASED ON A THOMAS GUIDE MAP FOR SAN FRANCISCO, ALAMEDA AND CONTRA COSTA COUNTIES, CALIFORNIA, MAP 649, YEAR 2000.

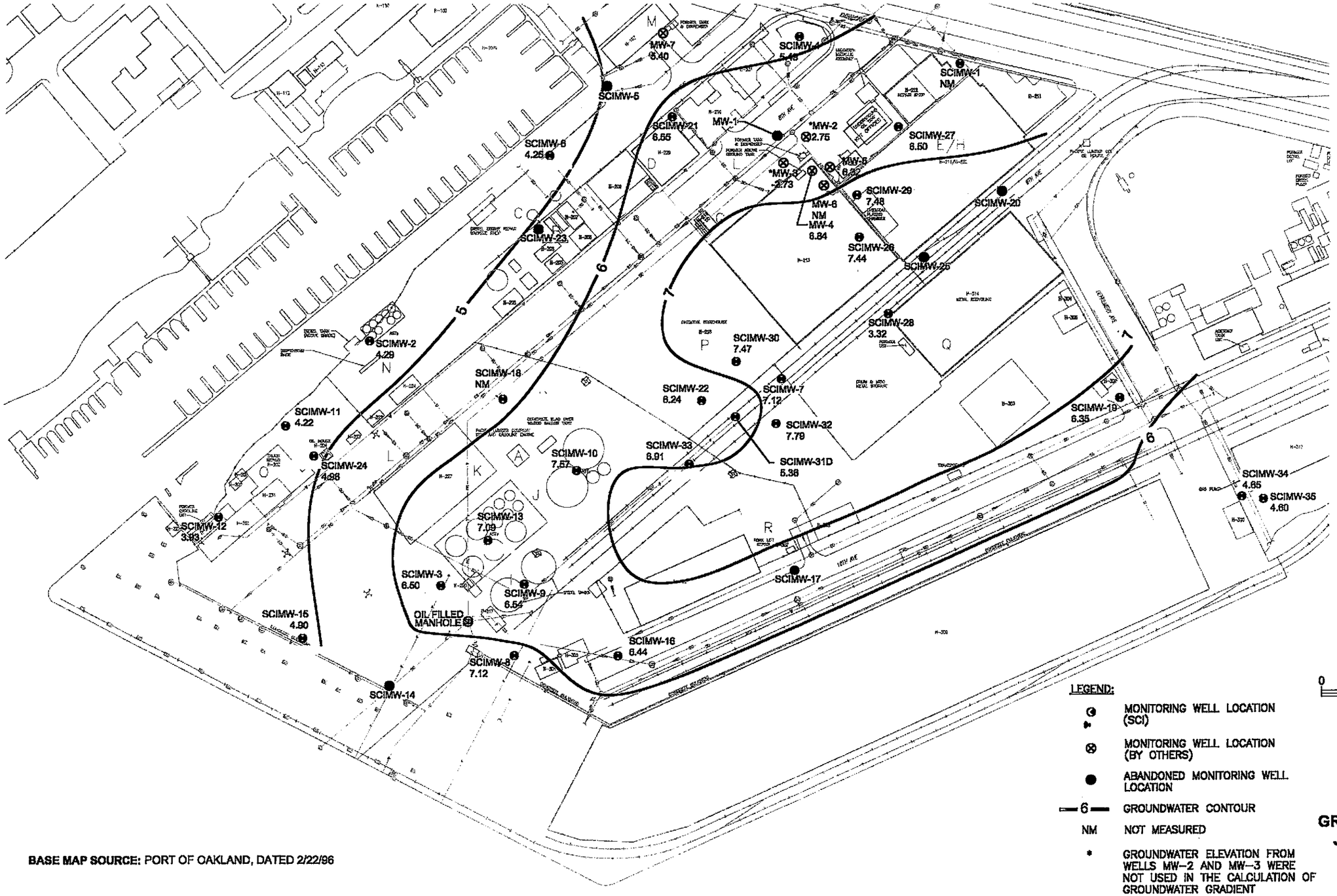
NORTH

0 2400 4800

FEET

VICINITY MAP
Ninth Avenue Terminal
Port of Oakland, California

PLATE 1



BASE MAP SOURCE: PORT OF OAKLAND, DATED 2/22/96

LEGEND:

- MONITORING WELL LOCATION (SCI)
- MONITORING WELL LOCATION (BY OTHERS)
- ABANDONED MONITORING WELL LOCATION
- 6 GROUNDWATER CONTOUR
- NM NOT MEASURED
- * GROUNDWATER ELEVATION FROM WELLS MW-2 AND MW-3 WERE NOT USED IN THE CALCULATION OF GROUNDWATER GRADIENT

GROUNDWATER ELEVATIONS
JULY AND OCTOBER 2005
Ninth Avenue Terminal
Port of Oakland, California

PLATE 2

December 2005
Project No. 133.023

FUGRO

SCIMW-11 Oct 05

TVHg	<50	µg/L
TEHd	<50	µg/L
TEHmo	<500	µg/L
Benzene	<0.5	µg/L
Ethylbenzene	<0.5	µg/L
Toluene	<0.5	µg/L
Xylenes	<1.0	µg/L

SCIMW-2 Oct 05

TEHd	6,700	µg/L
TEHmo	1,100	µg/L

SCIMW-30 Oct 05

Benzene	<0.5	µg/L
Ethylbenzene	<0.5	µg/L
Toluene	<0.5	µg/L
Xylenes	<1.0	µg/L
MTBE	<5.0	µg/L

SCIMW-22 Oct 05

Benzene	<2.5	µg/L
Ethylbenzene	<2.5	µg/L
Toluene	<2.5	µg/L
Xylenes	<5.0	µg/L
MTBE	<2.5	µg/L

SCIMW-31D Oct 05

Benzene	<0.5	µg/L
Ethylbenzene	<0.5	µg/L
Toluene	<0.5	µg/L
Xylenes	<1.0	µg/L
MTBE	<5.0	µg/L

SCIMW-32 Oct 05

Benzene	<0.5	µg/L
Ethylbenzene	<0.5	µg/L
Toluene	<0.5	µg/L
Xylenes	<1.0	µg/L
MTBE	<5.0	µg/L

MW-2 Oct 05

TEHd	88	µg/L
TEHmo	<500	µg/L

MW-3 Oct 05

TEHd	<50	µg/L
TEHmo	<500	µg/L

MW-4 Free Product Oct 05

TVHg	<1,300	µg/L
TEHd	960,000	µg/L
TEHmo	<28,000	µg/L
Benzene	<100,000	µg/L
Ethylbenzene	<100,000	µg/L
Toluene	<100,000	µg/L
Xylenes	<200,000	µg/L
MTBE	<100,000	µg/L

MW-5 Oct 05

TEHd	810	µg/L
TEHmo	<500	µg/L

SCIMW-29 Oct 05

TEHd	<50	µg/L
TEHmo	<500	µg/L

SCIMW-26 Oct 05

TVHg	<50	µg/L

SCIMW-25 Oct 05

TEHd	350	µg/L
TEHmo	<500	µg/L
Benzene	<0.5	µg/L
Ethylbenzene	<0.5	µg/L
Toluene	<0.5	µg/L
Xylenes	<1.0	µg/L
MTBE	<5.0	µg/L

SCIMW-7 July 05 Oct 05

TVHg	630	µg/L	28,000 µg/L
TEHd	<40	µg/L	580 µg/L
TEHmo	<240	µg/L	<500 µg/L
Benzene	160	µg/L	2,400 µg/L
Ethylbenzene	<17	µg/L	<200 µg/L
Toluene	160	µg/L	1,200 µg/L
Xylenes	<34	µg/L	<400 µg/L
MTBE	<17	µg/L	<2000 µg/L
4-4'-DDD	3.1	µg/L	1.1 µg/L
4-4'-DDE	0.2	µg/L	<0.082 µg/L
4-4'-DDT	0.1	µg/L	<0.082 µg/L

SCIMW-34 Oct 05

TVHg	<50	µg/L
TEHd	120	µg/L
TEHmo	<500	µg/L

SCIMW-35 Oct 05

TVHg	<50	µg/L
TEHd	<50	µg/L
TEHmo	<500	µg/L
Benzene	<0.5	µg/L
Ethylbenzene	<0.5	µg/L
Toluene	<0.5	µg/L
Xylenes	<1.0	µg/L

SCIMW-24 Oct 05

TVHg	18,000	µg/L
TEHd	3,600	µg/L
TEHmo	3,200	µg/L
Benzene	1,600	µg/L
Ethylbenzene	<20	µg/L
Toluene	30	µg/L
Xylenes	59	µg/L
MTBE	<200	µg/L

SCIMW-13 Oct 05

TEHd	150	µg/L
TEHmo	<500	µg/L

SCIMW-3 Oct 05

TEHd	610	µg/L
TEHmo	<500	µg/L

SCIMW-9 Oct 05

TEHd	87	µg/L
TEHmo	<500	µg/L

SCIMW-33 Oct 05

TEHd	510	µg/L
TEHmo	<500	µg/L
Benzene	<2.5	µg/L
Ethylbenzene	<2.5	µg/L
Toluene	<2.5	µg/L
Xylenes	<5.0	µg/L
MTBE	<25	µg/L

SCIMW-15 Oct 05

TEHd	94	µg/L
TEHmo	<500	µg/L

SCIMW-8 Oct 05

TEHd	<50	µg/L
TEHmo	<500	µg/L

LEGEND:

- ● MONITORING WELL LOCATION (SCI)
- ⊗ MONITORING WELL LOCATION (BY OTHERS)
- ● ABANDONED MONITORING WELL LOCATION
- NM NOT MEASURED
- < NOT DETECTED AT OR ABOVE THE LISTED ANALYTICAL DETECTION LIMIT

NORTH

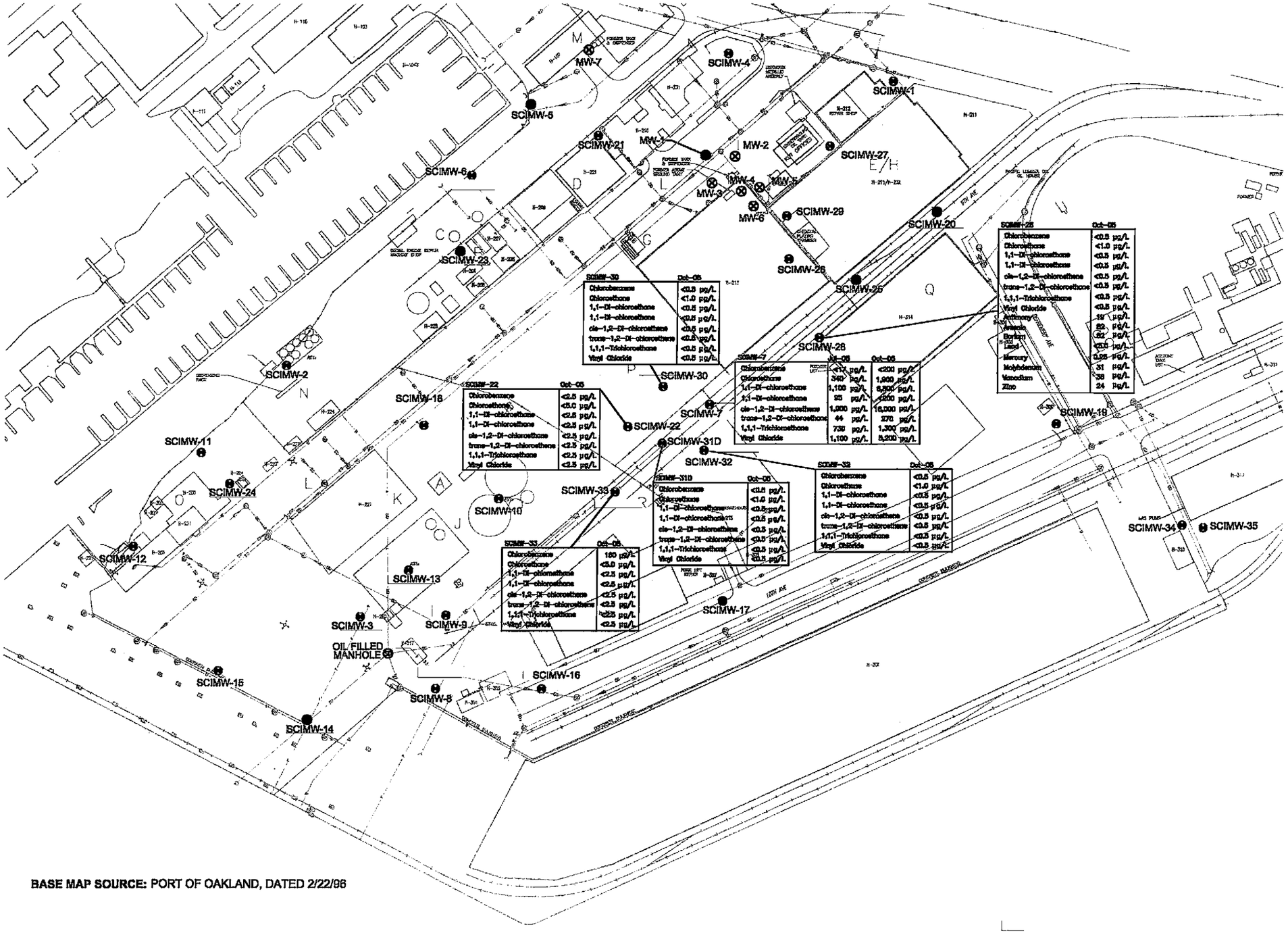
0 150 300
FEET

BASE MAP SOURCE: PORT OF OAKLAND, DATED 2/22/96

PETROLEUM AND PESTICIDE CONCENTRATIONS
JULY AND OCTOBER 2005
Ninth Avenue Terminal
Port of Oakland, California

PLATE 3

December 2005
Project No. 133.023



LEGEND:

- ⊕ MONITORING WELL LOCATION (SCI)
- ⊗ MONITORING WELL LOCATION (BY OTHERS)
- ● ABANDONED MONITORING WELL LOCATION
- < NOT DETECTED AT OR ABOVE THE LISTED ANALYTICAL DETECTION LIMIT
- 16,000 DETECTED CONCENTRATIONS IN BOLD

NORTH

0 150 300
FEET

BASE MAP SOURCE: PORT OF OAKLAND, DATED 2/22/96

VOC AND METALS CONCENTRATIONS
JULY AND OCTOBER 2005
Ninth Avenue Terminal
Port of Oakland, California

PLATE 4

APPENDIX A
ACEH LETTER DATED JULY 22, 2004

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

July 22, 2004

Ms. Diane Heinze
Port of Oakland
PO Box 2064
Oakland, CA 94604-2064

Dear Ms. Heinze:

Subject: TOXIC Case No, RO2492 (and previous RO106, RO108, RO109, RO110, RO244, RO485) Port of Oakland / Ninth Avenue Terminal, 370 8th Avenue, Oakland, CA 94606

Alameda County Environmental Health (ACEH) staff has recently reviewed the case file for the subject site and the October 13, 2003 Port of Oakland letter proposing specific monitoring changes, well closures, LOP site closure and work plans. We have the following technical comments to this letter.

TECHNICAL COMMENTS

The Ninth Avenue Terminal site consists of Port of Oakland properties in the areas bordered by the Embarcadero, 7th Avenue, 10th Avenue and the Oakland-Alameda estuary. Impacted parcels and areas have been identified from authoritative sampling of UST areas, aboveground tank locations, subsurface utilities and former surface release and hazardous materials storage areas. ACEH has approved the investigations of the suspected impacted areas, however, heretofore, the Port and their consultants have directed investigations. The work was done to identify source areas related to past operations and storage of hazardous materials. Initially, other sources were investigated to determine if they could have contributed to the historic release observed from the "Keep-On-Trucking" site. Most sites identified were determined not to have contributed to this historic release. However, the Port identified additional RPs as owners and/or operators of USTs in locations where petroleum contamination had been detected. Those sites associated with the USTs were put into ACEH LOP. Apparently, the Port has settled responsibility issues with these RPs, since it has accepted primary RP status for the entire site, collectively and commonly known as the Ninth Ave. Terminal. Although some of the sites have been investigated more than others, much of the investigation was performed treating the multiple sites using a regional site-wide approach. Remediation has consisted solely of free product removal from areas where it has collected, i.e. manholes and wells, and USTs and soil removal.

The Port requested, in their July 29, 2003 letter, that work at the entire site be suspended until the close of escrow with Oakland Harbor Partners (OHP), projected to be between September 2005 and September 2007. The assumption was that OHP would develop a Regional Approach for the remediation of this site, which is part of the Oak to Ninth project encompassing approximately 62 acres. ACEH's September 11, 2003 letter stated we did not concur with this proposal since this would not be protective of human health and the environment, nor in compliance with environmental regulations. The Port's responded to ACEH's letter in their October 13, 2003, Ninth Avenue Terminal letter, which ACEH addresses below.

5. **Comments to Technical Proposals** - The Port has made a number of proposals in reference to the investigation, remediation and monitoring of this site. ACEH has the following technical response to the proposed changes in monitoring and recommendations for UST investigation and closure.

a. Monitoring and Well Decommissioning Recommendations

MW #	Port of Oakland Proposal	County Comment/Rationale
MW-2	Discontinue TEHd, mo	KOT UST area. Perimeter well around FP. Continue annual TEHd, mo w/silica gel
MW-3	Discontinue BTEX, MTBE, Continue annual TEHd, mo	Concur
MW-4	Discontinue all analysis, remove FP annually	Bailing not sufficient, propose remediation method, analyze FP for TPHg, d, mo, BTEX and MTBE.
MW-5	Discontinue	KOT UST area. Perimeter well around FP. Continue annual TEHd, mo w/silica gel
MW-6	Discontinue	Bailing not sufficient, propose remediation method, analyze FP for TPHg, d, mo, BTEX and MTBE.
MW-7	Destroy well	Continue DTW annually. County will consider Port's closure request for no further work
SCIMW-1	Discontinue	Continue DTW annually.
SCIMW-2	Annual TEHd, mo w/silica gel, discontinue metals	Concur, perimeter well, near former ASTs, historic TEHd, mo impact, up to 2001, currently 120 ppb diesel.
SCIMW-3	Continue annual TEHd, mo	Concur, down gradient of former AST farm
SCIMW-4	Water level readings only	Concur, up gradient perimeter well
SCIMW-6	Water level readings only	Concur, perimeter well, not impacted
SCIMW-7	TEHd, mo, VOCs, pesticides annually	Solvent, TPH, pesticides release. Sample qtrly for TPHg, BTEX, VOCs, TPHd, mo and pesticides. Area will require additional investigation & possible remediation, WP will be requested.
SCIMW-8	TEHd, mo w/silica gel annual	Concur, along bulkhead, TEHd, mo ND since 1998
SCIMW-9	Continue annual TEHd, mo	Concur, former AST area, up to 7000ppb TEHmo (1/2003)
SCIMW-10	Discontinue TEHd, mo	Concur, annual water elevation readings
SCIMW-11	TVH, BTEX, TEHd, mo SA to A	Concur, well down gradient of UST
SCIMW-13	Discontinue annual TEHd, mo	Well within former AST area with historic release, continue annual TEHd, mo
SCIMW-15	SA to A, TEHd, mo	Concur, well along bulkhead
SCIMW-16	Water level only	Concur, TEHd low to ND
SCIMW-18	Discontinue TEHd, mo	Concur, annual DTW level, down gradient of former ASTs, near storm drain
SCIMW-19	Water level only	Concur, up gradient perimeter well, TEHd, mo ND
SCIMW-21	Discontinue	Annual DTW level, outside of Bldg H-229, TEHd, mo ND since 1998
SCIMW-22	Discontinue	Solvent area well, run VOCs annually
SCIMW-23	Destroy well	Concur, well has low to ND TEHd, mo, and is at risk from potential surface releases due

		to no surfacing and high vehicle traffic
SCIMW-24	BTEX, TVH and TEHd, mo SA to A	Monitoring should remain as SA. Elevated concentrations present (1997-2003). Will review Port's 11/7/03 second phase investigation wp
SCIMW-26	Discontinue BTEX, MTBE, continue A TEHd, mo	Concur, but run TVH annually since it has been analyzed only once, well is up gradient & at perimeter of FP area.
SCIMW-28	Heavy metals SA to A	Concur, also run VOCs annually, well is near the solvent release area along RR track & down gradient of Lakeside Metal UST
SCIMW-29	Discontinue BTEX and MTBE	Concur, but run TEHd, mo annually, this well is near impacted well MW-6, in the KOT UST area.
SCIMW-30	Discontinue all analyses	Well was installed in VOC release area, monitor for VOCs annually
SCIMW-31D	VOCs SA to A	Concur, County will request additional invest. wp for the VOC release, including possible additional deep gw sampling
SCIMW-32	No monitoring proposed	Well is within the solvent release area, run VOCs annually, gradient appears radial
SCIMW-33	TEHd, mo, VOCs and pesticides annually	Concur, well is monitoring solvent release area
SCIMW-34	Discontinue BTEX, MTBE, TVH, PNAs and metals, TEHd, mo SA to A	Concur, also add TVH annually along with TEHd, mo, well was installed for the investigation of diesel and gasoline USTs, County to review 5/03 wp
SCIMW-35	Discontinue BTEX and TVH	Analyze for TVH, BTEX and TPHd annually, monitoring is subject to results of future investigation, County to review 5/03 wp

b. UST Removal and Closure Status

Case #	UST Name	Bldg Location	Current Status	County Response
RO0000106	HF-03	H-107	Closure requested	County will review site for potential no further action
-------	HF-02	H-213	Port submitted wp, 5/2003	County will review wp
RO0000109	HF-12 & HF-13	H-211	11/02 wp approved, Port requests suspension, Bldg above UST occupied by OPD	Concur, Port should evaluate data and propose investigation of area outside of building.
RO0000108	HF-14 & HF-15	H-209	USTs closed-in-place, closure requested	County will review closure report and NFA request
RO0000485	HF-16	H-204	8/2003 invest report submitted to County, Port submitted 11/7/03 addnl s&gw wp	County will review 8/03 report and 11/7/03 wp

---------	HF-17	H-227	8/2003 invest report submitted to County	County will review 8/03 report, provide comments & respond to request to put site invest on hold.
RO0000244	HF-19	H-314	Port submitted wp 5/03.	County will review 5/03 wp
RO0000110	HF-20&HF-21	H-317	Port submitted wp 5/03.	County will review 5/03 wp
RO0002492	Solvent release area, surface release areas, HF-02, HF-17	Entire site	SLIC case for entire 9th Ave. Terminal site, wp and reports exist for USTs,HF-02 and HF-17	a specific wp request will be sent pertaining to the solvent release(s)

6. **Professional Registration Requirement** - It is noted that the Port has made specific observations and recommendations for this site in the October 13, 2003 Response Letter. The California Business and Professions Code (Sections 6735, 6835, and 7835.1) require that all work plans and technical reports containing professional geologic or engineering evaluations and/or judgments be completed under the direction of an appropriately registered or certified professional. This registered or certified professional shall sign and wet stamp all such reports and work plans. Therefore, please resubmit your response letter under your registered professional stamp.

7. **Perjury Statement** – All work plans, technical reports, or technical documents submitted to this office must be accompanied by a cover letter from the responsible party that states, at minimum, the following:

"I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true to the best of my knowledge."

This letter must be signed by an officer or legally authorized representative of your organization. A review of our case files indicates that none of your reports were submitted with a perjury statement.

As previously mentioned, ACEH will be responding to investigation work plans and reports for each individual referenced site. We will also be responding to the Port recommendations to put some investigations on hold. At this time, we request that you proceed with groundwater monitoring according to the proposed County Response schedule.

Please contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos
B. Graham, RWQCB

NinthAve7_22_04

APPENDIX B
WELL SAMPLING FORMS

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: Melissa L. Pleva
DATE: 7/19/05
WEATHER: Sunny 75°

WELL NO.: SCIMW-7
WELL CASING DIAMETER: 2
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 18.32 FEET

DEPTH TO GROUNDWATER (BTOC): 4.68 FEET

FEET OF WATER IN WELL: 13.64 FEET

CALCULATED PURGE VOLUME: 6.67 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1400	18.62	6.56	25,775	19.10	47.2	2.11	
2.5	1410	21.98	6.42	15,899	16.87	48.8	3.83	yellow/cola
5.0	1415	19.69	6.47	20,629	14.92	40.16	4.56	"
7.0	1425	19.16	6.65	25,857	18.91	42.9	5.78	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.72 TIME SAMPLED: 0830

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

6 / 40 ML

3 / LITER

/ Poly

/ OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- X TVHg, ~~BTEX, MTBE~~ (8015/8020)
- X VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- X Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: _____

FUGRO

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Ave Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLP / JC
DATE: 10/04/05
WEATHER: Sunny, cool

WELL NO.: MW-2
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 15.15 FEET

DEPTH TO GROUNDWATER (BTOC): 4.97 FEET

FEET OF WATER IN WELL: 10.18 FEET

CALCULATED PURGE VOLUME: 4.98 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	0945	19.54	6.63	27,582	20.04	-248.7	11.23	black, sulfer odor
2.0	0950	21.30	6.71	17,602	12.31	-204.9	19.17	"
3.0		20.07	6.76	22,757	16.33	-264.0	13.89	" purged dry @ 3.0'

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): _____ TIME SAMPLED: _____

SAMPLING METHOD Bailer 9.45 Ft bgs @ 930 10/7/05

CONTAINERS / PRESERVATIVE:

4	40 ML	1	LITER
	Poly		OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- _____ TVHg, BTEX, MTBE (8015/8020)
- _____ VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: PURGED DRY @ 3.0 ft BTOC

FUGRO

WELL SAMPLING FORM

PROJECT NAME: KoT - 9th Ave Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLP/JC
DATE: 10/04/05
WEATHER: Sunny, cool

WELL NO.: MW-3
WELL CASING DIAMETER: 2
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 19.71 FEET

DEPTH TO GROUNDWATER (BTOC): 10.00 FEET

FEET OF WATER IN WELL: 9.71 FEET

CALCULATED PURGE VOLUME: 4.75 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (K s/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	0915	18.01	6.64	22,647	0.0208	-230.9	6.32	Sulfer odor
2.5	0925	17.66	6.77	22,755	0.0172	-228.4	9.30	"
~~5.0~~ 3.0	0935	17.09	6.87	24,422	0.0187	-226.9	10.42	purged dry

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 13.65' @ 930 10/7/05 TIME SAMPLED:

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

/ 40 ML

/ LITER

/ Poly

/ OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- ____ TVHg, BTEX, MTBE (8015/8020)
- ____ VOCs (8260)
- ____ HVOCs (8260)
- ____ Title 22 Metals (6010/9000)
- ____ Pesticides (8080)
- ____ PCBs (8080)
- ____ Sulfate (300.0)
- ____ Nitrate (300.0)
- ____ Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: 80% recovered @ DTW = ~12.0 ft BTOC DTW = 14.65 @ 1545 10/5

PURGED DRY @ 3.0 gallons

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLE / JC
DATE: 10/05/05
WEATHER: Sunny / 70's

WELL NO.: MW-4
WELL CASING DIAMETER: _____
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): _____ FEET

DEPTH TO GROUNDWATER (BTOC): 5.42 FEET

FEET OF WATER IN WELL: _____ FEET

CALCULATED PURGE VOLUME: _____ gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: yes (0.17 feet)

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)								

FREE PRODUCT ©

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): _____ TIME SAMPLED: 1415

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE: 2 / NO HCL
40 ML

_____ / _____
LITER

_____ / _____
Poly

_____ / _____
OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- X TVHg, BTEX, MTBE (8015/8020)
- _____ VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: purged 2 gallons of water product mixture

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Ave Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLP / JC
DATE: 10/04/05
WEATHER: Sunny, cool

WELL NO.: MW-5
WELL CASING DIAMETER: 2"
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 19.71 FEET

DEPTH TO GROUNDWATER (BTOC): 5.58 FEET

FEET OF WATER IN WELL: 14.13 FEET

CALCULATED PURGE VOLUME: 6.91 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none / sheen

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH (6.54)	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1005	18.24	~~24,928~~	24,928	18.85	-238.8	16.59	hydrocarbon odor, sheen
3.0	1015	18.33	6.57	10,056	7.505	-131.9	31.86	"
7.0	1030	17.71	6.62	18,196	13.74	-201.9	20.65	" black

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 6.45' TIME SAMPLED: 1500 (10/05/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / 40 ML	1 / LITER
/ Poly	/ OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- ____ TVHg, BTEX, MTBE (8015/8020)
- ____ VOCs (8260)
- ____ HVOCs (8260)
- ____ Title 22 Metals (6010/9000)
- ____ Pesticides (8080)
- ____ PCBs (8080)
- ____ Sulfate (300.0)
- ____ Nitrate (300.0)
- ____ Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: WL @ 80% recovery = 8.41 ft BTOC

WELL SAMPLING FORM

PROJECT NAME: KOT-9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: M. Hess
DATE:
WEATHER:

WELL NO.: MW-6
WELL CASING DIAMETER: 2"
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): _____ FEET

DEPTH TO GROUNDWATER (BTOC): _____ FEET

FEET OF WATER IN WELL: _____ FEET

CALCULATED PURGE VOLUME: _____ gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: _____

PURGE METHOD: _____

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)								

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): _____ TIME SAMPLED: _____

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

___/___ 40 ML	___/___ LITER
___/___ Poly	___/___ OTHER

ANALYSES: (Note if any samples are field filtered)

_____	TEHd, TEHmo (8015 w/ Silica gel)	_____	Pesticides (8080)
_____	TVHg, BTEX, MTBE (8015/8020)	_____	PCBs (8080)
_____	VOCs (8260)	_____	Sulfate (300.0)
_____	HVOCs (8260)	_____	Nitrate (300.0)
_____	Title 22 Metals (6010/9000)	_____	Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: Vehicle parked over well

FUGRO

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLP/JC
DATE: 10/04/05
WEATHER: Sunny, 65-70°

WELL NO.: SCMW-3
WELL CASING DIAMETER: 2"
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 17.93 FEET

DEPTH TO GROUNDWATER (BTOC): 3.99 FEET

FEET OF WATER IN WELL: 13.94 FEET

CALCULATED PURGE VOLUME: 6.8 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: yes ~4cm

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)								
1.0	1300	23.14	6.63	14,379	9.689	-207.8	1428	Globlets of product in water
3.5	1310	23.56	6.64	12,836	8.590	-222.4	16.49	"
7.0	1320	23.91	6.63	15,714	8.960	-235.2	15.13	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.37 TIME SAMPLED: 1630 (10/05/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

_____ / _____ 40 ML

_____ / _____ LITER

_____ / _____ Poly

_____ / _____ OTHER

ANALYSES: (Note if any samples are field filtered)

_____ TEHd, TEHmo (8015 w/ Silica gel)
_____ TVHg, BTEX, MTBE (8015/8020)
_____ VOCs (8260)
_____ HVOCs (8260)
_____ Title 22 Metals (6010/9000)
_____ Pesticides (8080)
_____ PCBs (8080)
_____ Sulfate (300.0)
_____ Nitrate (300.0)
_____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: WL @ 80% Recovery = 6.78 ft BTOC

WELL SAMPLING FORM

PROJECT NAME: 133.023 KOT - 9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MW/JC
DATE:
WEATHER:

WELL NO.: SCIMW-7
WELL CASING DIAMETER: 2"
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 18.29 FEET

DEPTH TO GROUNDWATER (BTOC): 5.05 FEET

FEET OF WATER IN WELL: 13.24 FEET

CALCULATED PURGE VOLUME: 6.48 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IL

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1620	19.92	6.26	23,162	16.74	-167.9	8.33	
3.0	1630	21.20	6.47	18,941	13.27	-152.5	11.44	
6.5	1635	20.18	6.50	22,258	15.97	-133.5	19.69	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): _____ TIME SAMPLED: _____

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

___/___ 40 ML	___/___ LITER
___/___ Poly	___/___ OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- X TVHg, ~~BTEX, MTBE~~ (8015/8020)
- X VOCs (8260)
- ____ HVOCs (8260)
- ____ Title 22 Metals (6010/9000)
- X Pesticides (8080)
- ____ PCBs (8080)
- ____ Sulfate (300.0)
- ____ Nitrate (300.0)
- ____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: DTW @ 80% recovery = 7.7 ft BTOC

WELL SAMPLING FORM

PROJECT NAME: KOT-9th Ave Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLP / JC
DATE: 10/04/05
WEATHER: Sunny, 65°F

WELL NO.: SCMW-8
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 18.05 FEET

DEPTH TO GROUNDWATER (BTOC): 5.65 FEET

FEET OF WATER IN WELL: 12.40 FEET

CALCULATED PURGE VOLUME: 6.07 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: _____

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1110	20.38	6.57	27,637	19.74	-131.3	15.52	Slight sulfur odor
3.0	1120	22.02	6.59	10,779	7.307	-94.5	26.10	J
6.0	1130	21.39	6.63	15,735	11.00	-109.2	19.05	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.61 TIME SAMPLED: 1600 (10/05/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / 40 ML	1 / LITER
/ Poly	/ OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- _____ TVHg, BTEX, MTBE (8015/8020)
- _____ VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: DTW @ 80% Recovered = 8.13 ' BTOC

WELL SAMPLING FORM

PROJECT NAME: KOT-9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLP/JC
DATE: 10/04/05
WEATHER: Sunny, 65°

WELL NO.: 8mw SCMW-9
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 18.44 FEET
DEPTH TO GROUNDWATER (BTOC): 4.79 FEET
FEET OF WATER IN WELL: 13.65 FEET

CALCULATED PURGE VOLUME: 6.68 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: none
PURGE METHOD: bail

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1145	20.68	6.58	33,012	23.40	-132.8	13.33	
3.5	1155	23.64	6.60	14,739	9.847	-167.3	21.95	gray, no odor
7.0	1205	21.91	6.65	20,900	14.45	-218.4	15.28	Sulfur odor

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 6.53 TIME SAMPLED: 1600 (10/05/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:
/ 40 ML
1 / LITER
/ Poly
/ OTHER

ANALYSES: (Note if any samples are field filtered)
- X TEHd, TEHmo (8015 w/ Silica gel)
- ____ TVHg, BTEX, MTBE (8015/8020)
- ____ VOCs (8260)
- ____ HVOCs (8260)
- ____ Title 22 Metals (6010/9000)
- ____ Pesticides (8080)
- ____ PCBs (8080)
- ____ Sulfate (300.0)
- ____ Nitrate (300.0)
- ____ Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: DTW @ 80% Recovery = 7.52 ft BTOC

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Avenue Terminal
PROJECT NO.: 133-023
SAMPLED BY: MP / JC
DATE: 10/04/05
WEATHER: Sunny, Windy, 70°

WELL NO.: SCMW-11
WELL CASING DIAMETER: 2"
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 16.15 FEET
DEPTH TO GROUNDWATER (BTOC): 3.85 FEET
FEET OF WATER IN WELL: 12.30 FEET

CALCULATED PURGE VOLUME: 6.02 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: none
PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1440	21.03	6.73	22,318	15.70	-208.3	14.09	
3	1453	21.71	6.84	17,113	11.87	-146.1	19.29	no odor, clear
6	1500	21.62	6.82	15,208	10.57	-142.5	17.88	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 3.77 TIME SAMPLED: 1520 10/05/05

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

___/___ 40 ML	___/___ LITER
___/___ Poly	___/___ OTHER

ANALYSES: (Note if any samples are field filtered)

X	TEHd, TEHmo (8015 w/ Silica gel)	___	Pesticides (8080)
X	TVHg, BTEX, ~~MTBE~~ (8015/8020)	___	PCBs (8080)
___	VOCs (8260)	___	Sulfate (300.0)
___	HVOCs (8260)	___	Nitrate (300.0)
___	Title 22 Metals (6010/9000)	___	Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: DTW @ 80% recovery = 6.31 ft BTOC

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLP / JC
DATE: 10/04/05
WEATHER:

WELL NO.: SCMW-13
WELL CASING DIAMETER: 2"
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 18.61 FEET

DEPTH TO GROUNDWATER (BTOC): 5.38 FEET

FEET OF WATER IN WELL: 13.23 FEET

CALCULATED PURGE VOLUME: 6.47 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bail

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1222	20.67	6.58	37,070	26.29	-374.6	12.43	
3.0	1235	23.08	6.68	17,038	11.50	-351.6	7.40	sulfur odor
6.5	1245	22.11	6.69	21,745	14.96	-363.3	2.58	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.41 TIME SAMPLED: 1620 (10/05/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / 40 ML

1 / LITER

/ Poly

/ OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- ____ TVHg, BTEX, MTBE (8015/8020)
- ____ VOCs (8260)
- ____ HVOCs (8260)
- ____ Title 22 Metals (6010/9000)
- ____ Pesticides (8080)
- ____ PCBs (8080)
- ____ Sulfate (300.0)
- ____ Nitrate (300.0)
- ____ Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: DTW @ 80% Recovery = 8.03 ft BTOC

FUGRO

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLC/JC
DATE: 10/5/05
WEATHER: Sunny, 70°

WELL NO.: SCIMW-15
WELL CASING DIAMETER:
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 15.85 FEET

DEPTH TO GROUNDWATER (BTOC): 5.52 FEET

FEET OF WATER IN WELL: 10.32 FEET

CALCULATED PURGE VOLUME: 5.05 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: None

PURGE METHOD: Bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1100	19.85	5.98	10,762	7,766	-76.0	10.55	
2.5	1108	21.42	6.24	3,728	2.599	-91.8	16.65	clear, sulfur odor
5.0	1115	21.37	6.29	3,313	2.314	-86.3	15.54	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 8.45 TIME SAMPLED: 1245 (10/06/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / 40 ML	1 / LITER
/ Poly	/ OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- ____ TVHg, BTEX, MTBE (8015/8020)
- ____ VOCs (8260)
- ____ HVOCs (8260)
- ____ Title 22 Metals (6010/9000)
- ____ Pesticides (8080)
- ____ PCBs (8080)
- ____ Sulfate (300.0)
- ____ Nitrate (300.0)
- ____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: WL @ 80% Recovery = 7.6 ft BTOC

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLO / JC
DATE: 10/05/05
WEATHER: Sunny, 60°s

WELL NO.: 9CMW-22
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 14.43 FEET

DEPTH TO GROUNDWATER (BTOC): 5.64 FEET

FEET OF WATER IN WELL: 8.75 FEET

CALCULATED PURGE VOLUME: 4.28 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	0847	22.59	6.17	30,002	20.45	-237.2	20.05	
2.5	0850	24.48	6.42	26,708	17.53	-258.2	10.61	Sulfur odor, yellow tint
4.5	0857	23.63	6.45	27,246	18.19	-267.8	8.03	" , black tint

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.60' TIME SAMPLED: 1050 (10/06/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE: 3 / w/HCL (40 ML) ____ / ____ (LITER)

____ / ____ (Poly) ____ / ____ (OTHER)

ANALYSES: (Note if any samples are field filtered)

- ____ TEHd, TEHmo (8015 w/ Silica gel)
- ____ TVHg, BTEX, MTBE (8015/8020)
- X VOCs (8260)
- ____ HVOCs (8260)
- ____ Title 22 Metals (6010/9000)
- ____ Pesticides (8080)
- ____ PCBs (8080)
- ____ Sulfate (300.0)
- ____ Nitrate (300.0)
- ____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: MW @ 80% Recovery = 7.43 ft BTOC

FUGRO

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Avenue Terminal
PROJECT NO.: 133-023
SAMPLED BY: MCP/JC
DATE: 10/04/05
WEATHER: Sunny, windy 70°

WELL NO.: SCIMW-24
WELL CASING DIAMETER: 2"
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 17.01 FEET
DEPTH TO GROUNDWATER (BTOC): 4.61 FEET
FEET OF WATER IN WELL: 12.40 FEET

CALCULATED PURGE VOLUME: 6.07 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: none / sheen
PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER FP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1510	20.91	6.47	30,816	21.72	-106.5	7.28	
3	1520	23.30	6.52	4,169	2.788	-92.7	29.20	hydrocarbon odor
6	1527	23.39	6.48	5839	3.928	-97.0	30.99	globs of product
								black

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.62 TIME SAMPLED: 845 ~~1540~~ (10/06/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / 40 ML		2 / LITER	
1 / Poly		1 / OTHER	

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- X TVHg, BTEX, MTBE (8015/8020)
- ____ VOCs (8260)
- ____ HVOCs (8260)
- ____ Title 22 Metals (6010/9000)
- ____ Pesticides (8080)
- ____ PCBs (8080)
- ____ Sulfate (300.0)
- ____ Nitrate (300.0)
- ____ Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: DTW@ 80% recovery = 7.09 ft BTOC

WELL SAMPLING FORM

PROJECT NAME: KOT-9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLP / JC
DATE: 10/05/05
WEATHER: Sunny, 70°

WELL NO.: SCMW26
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 17.91 FEET
DEPTH TO GROUNDWATER (BTOC): 3.91 FEET
FEET OF WATER IN WELL: 14.0 FEET

CALCULATED PURGE VOLUME: 6.85 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: None
PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1140	19.09	5.97	21,513	15.76	22,505	23.93	
3.5	1148	22.57	6.01	13,894	9.472	-105.2	20.76	clear, no odor
7.0	1157	22.41	6.02	13,930	9.526	-102.7	26.79	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 3.98 TIME SAMPLED: 1225 (10/06/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:
2 / HCl — 40 ML
_____ / _____ — LITER
_____ / _____ — Poly
_____ / _____ — OTHER

ANALYSES: (Note if any samples are field filtered)

- ____ TEHd, TEHmo (8015 w/ Silica gel)
- X TVHg, BTEX/MTBE (8015/8020)
- ____ VOCs (8260)
- ____ HVOCs (8260)
- ____ Title 22 Metals (6010/9000)
- ____ Pesticides (8080)
- ____ PCBs (8080)
- ____ Sulfate (300.0)
- ____ Nitrate (300.0)
- ____ Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: WLC 8% Recovery = 6.71 ft BTOC

WELL SAMPLING FORM

PROJECT NAME: KOT-9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLP/JC
DATE: 10/5/05
WEATHER: Sunny 70°

WELL NO.: SC1-MW-28
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 20.02 FEET
DEPTH TO GROUNDWATER (BTOC): 9.57 FEET
FEET OF WATER IN WELL: 14.45 FEET

CALCULATED PURGE VOLUME: 7.07 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: non
PURGE METHOD: bail

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER H

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1305	17.24	5.67	26,582	20.2 mg/L	-83.6	2.37	
3.5	1310	18.98	5.72	4,906	3.614	-84.0	18.24	black product
7.0		18.14	5.77	13,319	27.67 mg/L	-88.9	26.50	ir

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 13.25 TIME SAMPLED: 1010 (10/07/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

4 / 40 ML	/ LITER
/ Poly	/ OTHER

ANALYSES: (Note if any samples are field filtered)

_____ TEHd, TEHmo (8015 w/ Silica gel)	_____ Pesticides (8080)
_____ TVHg, BTEX, MTBE (8015/8020)	_____ PCBs (8080)
_____ VOCs (8260)	_____ Sulfate (300.0)
_____ HVOCs (8260)	_____ Nitrate (300.0)
_____ Title 22 Metals (6010/9000)	_____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: DTW @ 80% Recovered = 8.46 ft BTOC

FUGRO

WELL SAMPLING FORM

PROJECT NAME: KOT-9th Avenue Terminal
PROJECT NO.: 137.023
SAMPLED BY: MLP / JC
DATE: 10/05/05
WEATHER: Sunny, 70's

WELL NO.: SCMW-29
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 18.91 FEET

DEPTH TO GROUNDWATER (BTOC): 5.80 FEET

FEET OF WATER IN WELL: 13.11 FEET

CALCULATED PURGE VOLUME: 6.4 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1218	16.65	5.80	27,365	21.16	-180.1	21.68	
3.0	1227	17.14	5.86	11,134	9.517	-155.1	25.62	sulfur odor, black
6.5	1235	16.78	5.71	16,863	13.10	-250.4	21.86	" water

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 7.30' TIME SAMPLED: 1330 (10/06/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / 40 ML	1 / LITER
/ Poly	/ OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- _____ TVHg, BTEX, MTBE (8015/8020)
- _____ VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: DTW @ 80% Recovery = 10.4 ft BTOC

WELL SAMPLING FORM

PROJECT NAME: KOT-9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLP/JC
DATE: 10/04/05
WEATHER: sunny, windy, 70°

WELL NO.: SUMW-30
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 18.79' FEET
DEPTH TO GROUNDWATER (BTOC): 4.78' FEET
FEET OF WATER IN WELL: 14.01 FEET

CALCULATED PURGE VOLUME: 6.95 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: none
PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1555	19.72	6.53	30,727	22.30	-253.9	20.72	Sulfur odor
3.5	1603	22.04	6.66	21,905	15.09	-285.4	9.51	"
7.0	1610	21.21	6.67	23,358	16.38	-299.9	3.65	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 7.95' TIME SAMPLED: 1015 (10/06/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:
3 / MMW — 40 ML
_____ / _____ — LITER
_____ / _____ — Poly
_____ / _____ — OTHER

ANALYSES: (Note if any samples are field filtered)

- _____ TEHd, TEHmo (8015 w/ Silica gel)
- _____ TVHg, BTEX, MTBE (8015/8020)
- X VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: WL @ 80% Recovery = 7.6 ft BTOC

FUGRO

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Avenue Terminal
PROJECT NO.: 133.022
SAMPLED BY: M. Pena & Juan Ceja
DATE: 10/05/05
WEATHER: Sunny, 65°

WELL NO.: SIMW-310
WELL CASING DIAMETER: 2"
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 49.31' FEET
DEPTH TO GROUNDWATER (BTOC): 6.40 FEET
FEET OF WATER IN WELL: 42.91 FEET

CALCULATED PURGE VOLUME: 21 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: none
PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	909	21.87	6.54	101	0.074	-178.6	0.84	
5	920	21.12	6.71	173	0.121	-113.4	5.96	Clear, no odor
10	928	19.82	6.31	14,527	10.45	-62.4	20.45	"
15	940	19.90	6.32	17,890	12.89	-51.3	20.59	"
21	953	19.84	6.33	18,260	13.17	-39.1	20.66	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 6.87 TIME SAMPLED: 1115 (10/6/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:
3 / 40 ML
/ LITER
/ Poly
/ OTHER

ANALYSES: (Note if any samples are field filtered)

- ____ TEHd, TEHmo (8015 w/ Silica gel)
- ____ TVHg, BTEX, MTBE (8015/8020)
- X VOCs (8260)
- ____ HVOCs (8260)
- ____ Title 22 Metals (6010/9000)
- ____ Pesticides (8080)
- ____ PCBs (8080)
- ____ Sulfate (300.0)
- ____ Nitrate (300.0)
- ____ Fe $^{2+}$ - Field Filtered

MISC FIELD OBSERVATION: DTW @ 80% recovery = 15' BTOC

FUGRO

WELL SAMPLING FORM

PROJECT NAME: KOT-9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MCP / JC
DATE: 10/05/05
WEATHER: Sunny / 70's

WELL NO.: 9thMW-33
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 16.06 FEET
DEPTH TO GROUNDWATER (BTOC): 4.51 FEET
FEET OF WATER IN WELL: 11.55 FEET

CALCULATED PURGE VOLUME: 5.65 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: _____
PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER TP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1040	21.51	6.37	23,961	15.99	-97.0	23.46	
3.0	1045	23.65	6.39	17,097	8.077	-92.0	33.16	slight hydrocarbon odor
6.0	1050	21.67	6.38	21,170	14.71	-88.7	32.74	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.48 TIME SAMPLED: 1150 (10/06/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE: 3 / HCl — 40 ML; 2 / — LITER; / — Poly; / — OTHER

ANALYSES: (Note if any samples are field filtered)

- [X] TEHd, TEHmo (8015 w/ Silica gel)
- [ ] TVHg, BTEX, MTBE (8015/8020)
- [X] VOCs (8260)
- [ ] HVOCs (8260)
- [ ] Title 22 Metals (6010/9000)
- [X] Pesticides (8080)
- [ ] PCBs (8080)
- [ ] Sulfate (300.0)
- [ ] Nitrate (300.0)
- [ ] Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: WL@ 98% Recovered = 6.82 ft BTC

FUGRO

WELL SAMPLING FORM

PROJECT NAME: KOT-9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLF / JC
DATE: 10/05/05
WEATHER: Sunny, 65°

WELL NO.: SCMW-34
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 14.91 FEET
DEPTH TO GROUNDWATER (BTOC): 6.34 FEET
FEET OF WATER IN WELL: 8.57 FEET

CALCULATED PURGE VOLUME: 4.19 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: none
PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	0819	18.28	6.17	21,498	16.43	-18.8	17.19	
2.5	0825	18.95	6.40	16,711	11.94	-39.5	15.54	clear
4.5	0833	18.53	6.35	18,914	14.09	-28.6	14.20	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 7.85 TIME SAMPLED: 0935 (10/06/05)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:
3 / 40 ML
1 / LITER
/ Poly
/ OTHER

ANALYSES: (Note if any samples are field filtered)
- X TEHd, TEHmo (8015 w/ Silica gel)
- X TVHg, ~~BTEX, MTBE~~ (8015/8020)
- ____ VOCs (8260)
- ____ HVOCs (8260)
- ____ Title 22 Metals (6010/9000)
- ____ Pesticides (8080)
- ____ PCBs (8080)
- ____ Sulfate (300.0)
- ____ Nitrate (300.0)
- ____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: WLE 80% Recovery = 8.05 ft BTOC

FUGRO

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Avenue Terminal
PROJECT NO.: 133.023
SAMPLED BY: MLP / JC
DATE: 10/05/05
WEATHER: SUNNY / 60°-70°S

WELL NO.: SCMW-35
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 11.25 FEET

DEPTH TO GROUNDWATER (BTOC): 5.63 FEET

FEET OF WATER IN WELL: 5.62 FEET

CALCULATED PURGE VOLUME: 2.75 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: None

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER IP

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	0955	19.65	6.03	20,499	14.89	11.3	2.73	
2.0	0900	20.15	6.24	15,378	11.02	-6.6	7.56	clear, no odor
3.0	0905	20.20	6.25	15,642	11.20	-6.3	10.51	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.50' TIME SAMPLED: 0955 (10/06/05

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

_____ / _____ 40 ML

_____ / _____ LITER

_____ / _____ Poly

_____ / _____ OTHER

ANALYSES: (Note if any samples are field filtered)

- X TEHd, TEHmo (8015 w/ Silica gel)
- X TVHg, BTEX, ~~MTBE~~ (8015/8020)
- _____ VOCs (8260)
- _____ HVOCs (8260)
- _____ Title 22 Metals (6010/9000)
- _____ Pesticides (8080)
- _____ PCBs (8080)
- _____ Sulfate (300.0)
- _____ Nitrate (300.0)
- _____ Fe^{2+} - Field Filtered

MISC FIELD OBSERVATION: DTW @ 80% recovery = 6.76 ft BTOC

APPENDIX C
ANALYTICAL TEST REPORTS, CHROMATOGRAPHS AND CHAIN-OF-CUSTODY RECORDS

CHAIN OF CUSTODY

14064

PROJECT NAME: 9th Avenue Terminal - KOT

POJECT NO.: 133.023 LAB: C&T

PROJECT CONTACT: Melissa L. Pleva TURNAROUND: Standard

SAMPLED BY: Melissa L. Pleva REQUESTED BY: Melissa L. Pleva

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX				CONTAINERS						PRESERVATIVE						SAMPLING DATE										NOTES	ANALYSIS REQUESTED										
		WATER	SOIL	AIR		VOA	LITER	PINT	TUBE			HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	MONTH		DAY		YEAR		TIME					TEHd, mo w/ silica gel (8015m)	TVHg (8015m / 8020)	VOCs (8260 / 8040)	Pesticides (8080)							
1	SCIMW-7	X				6	2					X			X			0	7	2	0	0	5	0	8	3	0		X	X	X	X							

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
Melissa L. Pleva	7/20/05 1040		7/20 0940
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME

COMMENTS & NOTES:

Received ☑ Cooler ☑ Cold ☐ Ambient ☑ Intact

FUGRO WEST, INC.
1000 Broadway, Suite 200
Oakland, California 94607
Tel: 510.268.0461 Fax: 510.268.0137

g:\server migration\data\template\chain of custody

Excel

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	SCIMW-7	Batch#:	104036
Matrix:	Water	Sampled:	07/20/05
Units:	ug/L	Received:	07/20/05
Diln Fac:	1.000	Analyzed:	07/20/05

Type: SAMPLE Lab ID: 180694-001

Analyte	Result	RL
Gasoline C7-C12	630	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	63-141
Bromofluorobenzene (FID)	100	79-139

Type: BLANK Lab ID: QC301750

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	92	63-141
Bromofluorobenzene (FID)	98	79-139

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC301751	Batch#:	104036
Matrix:	Water	Analyzed:	07/20/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,128	106	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	117	63-141
Bromofluorobenzene (FID)	111	79-139

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	104036
MSS Lab ID:	180681-002	Sampled:	07/19/05
Matrix:	Water	Received:	07/19/05
Units:	ug/L	Analyzed:	07/20/05
Diln Fac:	1.000		

Type: MS Lab ID: QC301752

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	<23.71	2,000	1,986	99	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	114	63-141
Bromofluorobenzene (FID)	101	79-139

Type: MSD Lab ID: QC301753

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,975	99	80-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	113	63-141
Bromofluorobenzene (FID)	100	79-139

RPD= Relative Percent Difference

4.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	104167
Units:	ug/L	Prepared:	07/22/05
Diln Fac:	1.000	Analyzed:	07/24/05

Type: BS
Lab ID: QC302309
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,719	109	50-133

Surrogate	%REC	Limits
Hexacosane	113	55-143

Type: BSD
Lab ID: QC302310
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,470	99	50-133	10	40

Surrogate	%REC	Limits
Hexacosane	103	55-143

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	104342
Lab ID:	180694-001	Sampled:	07/20/05
Matrix:	Water	Received:	07/20/05
Units:	ug/L	Analyzed:	07/28/05
Diln Fac:	33.33		

Analyte	Result	RL
Freon 12	ND	33
Chloromethane	ND	33
Vinyl Chloride	1,100	17
Bromomethane	ND	33
Chloroethane	340	33
Trichlorofluoromethane	ND	33
Acetone	ND	330
Freon 113	ND	17
1,1-Dichloroethene	95	17
Methylene Chloride	ND	330
Carbon Disulfide	ND	17
MTBE	ND	17
trans-1,2-Dichloroethene	44	17
Vinyl Acetate	ND	330
1,1-Dichloroethane	1,100	17
2-Butanone	ND	330
cis-1,2-Dichloroethene	1,900	17
2,2-Dichloropropane	ND	17
Chloroform	ND	17
Bromochloromethane	ND	17
1,1,1-Trichloroethane	730	17
1,1-Dichloropropene	ND	17
Carbon Tetrachloride	ND	17
1,2-Dichloroethane	ND	17
Benzene	180	17
Trichloroethene	60	17
1,2-Dichloropropane	ND	17
Bromodichloromethane	ND	17
Dibromomethane	ND	17
4-Methyl-2-Pentanone	ND	330
cis-1,3-Dichloropropene	ND	17
Toluene	160	17
trans-1,3-Dichloropropene	ND	17
1,1,2-Trichloroethane	ND	17
2-Hexanone	ND	330
1,3-Dichloropropane	ND	17
Tetrachloroethene	ND	17

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	104342
Lab ID:	180694-001	Sampled:	07/20/05
Matrix:	Water	Received:	07/20/05
Units:	ug/L	Analyzed:	07/28/05
Diln Fac:	33.33		

Analyte	Result	RL
Dibromochloromethane	ND	17
1,2-Dibromoethane	ND	17
Chlorobenzene	ND	17
1,1,1,2-Tetrachloroethane	ND	17
Ethylbenzene	ND	17
m,p-Xylenes	ND	17
o-Xylene	ND	17
Styrene	ND	17
Bromoform	ND	33
Isopropylbenzene	ND	17
1,1,2,2-Tetrachloroethane	ND	17
1,2,3-Trichloropropane	ND	17
Propylbenzene	ND	17
Bromobenzene	ND	17
1,3,5-Trimethylbenzene	ND	17
2-Chlorotoluene	ND	17
4-Chlorotoluene	ND	17
tert-Butylbenzene	ND	17
1,2,4-Trimethylbenzene	ND	17
sec-Butylbenzene	ND	17
para-Isopropyl Toluene	ND	17
1,3-Dichlorobenzene	ND	17
1,4-Dichlorobenzene	ND	17
n-Butylbenzene	ND	17
1,2-Dichlorobenzene	ND	17
1,2-Dibromo-3-Chloropropane	ND	67
1,2,4-Trichlorobenzene	ND	17
Hexachlorobutadiene	ND	17
Naphthalene	ND	67
1,2,3-Trichlorobenzene	ND	17

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	102	80-122
Toluene-d8	97	80-120
Bromofluorobenzene	94	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	104342
Units:	ug/L	Analyzed:	07/28/05
Diln Fac:	1.000		

Type: BS Lab ID: QC303039

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	25.90	104	75-121
Benzene	25.00	26.28	105	80-120
Trichloroethene	25.00	26.13	105	78-120
Toluene	25.00	26.14	105	80-120
Chlorobenzene	25.00	25.20	101	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	104	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	86	80-124

Type: BSD Lab ID: QC303040

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	25.61	102	75-121	1	20
Benzene	25.00	24.90	100	80-120	5	20
Trichloroethene	25.00	25.14	101	78-120	4	20
Toluene	25.00	25.00	100	80-120	4	20
Chlorobenzene	25.00	24.79	99	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	98	80-122
Toluene-d8	98	80-120
Bromofluorobenzene	84	80-124

RPD= Relative Percent Difference

8.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC303042	Batch#:	104342
Matrix:	Water	Analyzed:	07/28/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC303042	Batch#:	104342
Matrix:	Water	Analyzed:	07/28/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	102	80-122
Toluene-d8	96	80-120
Bromofluorobenzene	95	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Field ID:	SCIMW-7	Batch#:	104224
Lab ID:	180694-001	Sampled:	07/20/05
Matrix:	Water	Received:	07/20/05
Units:	ug/L	Prepared:	07/25/05

Analyte	Result	RL	Diln Fac	Analyzed
alpha-BHC	ND	0.05	1.000	07/27/05
beta-BHC	ND	0.05	1.000	07/27/05
gamma-BHC	ND	0.05	1.000	07/27/05
delta-BHC	ND	0.05	1.000	07/27/05
Heptachlor	ND	0.05	1.000	07/27/05
Aldrin	ND	0.05	1.000	07/27/05
Heptachlor epoxide	ND	0.05	1.000	07/27/05
Endosulfan I	ND	0.05	1.000	07/27/05
Dieldrin	ND	0.1	1.000	07/27/05
4,4'-DDE	0.2	0.1	1.000	07/27/05
Endrin	ND	0.1	1.000	07/27/05
Endosulfan II	ND	0.1	1.000	07/27/05
Endosulfan sulfate	ND	0.1	1.000	07/27/05
4,4'-DDD	3.1	0.5	5.000	07/28/05
Endrin aldehyde	ND	0.1	1.000	07/27/05
4,4'-DDT	ND	0.1	1.000	07/27/05
alpha-Chlordane	ND	0.05	1.000	07/27/05
gamma-Chlordane	ND	0.05	1.000	07/27/05
Methoxychlor	ND	0.5	1.000	07/27/05
Toxaphene	ND	1.0	1.000	07/27/05

Surrogate	%REC	Limits	Diln Fac	Analyzed
TCMX	79	44-120	1.000	07/27/05
Decachlorobiphenyl	104	50-128	1.000	07/27/05

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC302539	Batch#:	104224
Matrix:	Water	Prepared:	07/25/05
Units:	ug/L	Analyzed:	07/27/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	100	44-120
Decachlorobiphenyl	67	50-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	180694	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Matrix:	Water	Batch#:	104224
Units:	ug/L	Prepared:	07/25/05
Diln Fac:	1.000	Analyzed:	07/27/05

Type: BS Lab ID: QC302540

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.1881	94	61-140
Heptachlor	0.2000	0.1791	90	53-143
Aldrin	0.2000	0.1791	90	60-120
Dieldrin	0.4000	0.3877	97	57-127
Endrin	0.4000	0.3823	96	59-136
4,4'-DDT	0.4000	0.3910	98	55-149

Surrogate	%REC	Limits
TCMX	93	44-120
Decachlorobiphenyl	120	50-128

Type: BSD Lab ID: QC302541

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.2000	0.1894	95	61-140	1	27
Heptachlor	0.2000	0.1838	92	53-143	3	28
Aldrin	0.2000	0.1816	91	60-120	1	25
Dieldrin	0.4000	0.3836	96	57-127	1	25
Endrin	0.4000	0.3788	95	59-136	1	25
4,4'-DDT	0.4000	0.3909	98	55-149	0	31

Surrogate	%REC	Limits
TCMX	103	44-120
Decachlorobiphenyl	124	50-128

RPD= Relative Percent Difference

SEVERN TRENT STL

Submission#: 2005-10-0181

Fugro

October 25, 2005

1000 Broadway Suite 200
Oakland, CA 94607
Attn.: Melissa Pleva
Project#: 133.023

Attached is our report for your samples received on 10/07/2005 12:10
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 11/21/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,

Dimple Sharma
Project Manager

SEVERN TRENT STL

Submission: 2005-10-0181

Volatile Organic Compounds by 8260B (Low Level)

Fugro
Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SCMW-28	10/07/2005 10:10	Water	3

Volatile Organic Compounds by 8260B (Low Level)

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	SCMW-28	Lab ID:	2005-10-0181 - 3
Sampled:	10/07/2005 10:10	Extracted:	10/11/2005 20:37
Matrix:	Water	QC Batch#:	2005/10/11-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	10/11/2005 20:37	
Acetone	ND	50	ug/L	1.00	10/11/2005 20:37	
Benzene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Bromodichloromethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Bromobenzene	ND	1.0	ug/L	1.00	10/11/2005 20:37	
Bromochloromethane	ND	1.0	ug/L	1.00	10/11/2005 20:37	
Bromoform	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Bromomethane	ND	1.0	ug/L	1.00	10/11/2005 20:37	
2-Butanone(MEK)	ND	50	ug/L	1.00	10/11/2005 20:37	
Carbon disulfide	ND	5.0	ug/L	1.00	10/11/2005 20:37	
Carbon tetrachloride	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Chlorobenzene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Chloroethane	ND	1.0	ug/L	1.00	10/11/2005 20:37	
Chloroform	ND	1.0	ug/L	1.00	10/11/2005 20:37	
Chloromethane	ND	1.0	ug/L	1.00	10/11/2005 20:37	
Dibromochloromethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	10/11/2005 20:37	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Dibromomethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	10/11/2005 20:37	

Volatile Organic Compounds by 8260B (Low Level)

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Prep(s):	5030B	Test(s):	8260B
Sample ID:	SCMW-28	Lab ID:	2005-10-0181 - 3
Sampled:	10/07/2005 10:10	Extracted:	10/11/2005 20:37
Matrix:	Water	QC Batch#:	2005/10/11-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Ethylbenzene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	10/11/2005 20:37	
Methylene chloride	ND	5.0	ug/L	1.00	10/11/2005 20:37	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	10/11/2005 20:37	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Tetrachloroethene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Toluene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	10/11/2005 20:37	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	10/11/2005 20:37	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Trichloroethene	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	10/11/2005 20:37	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Vinyl chloride	ND	0.50	ug/L	1.00	10/11/2005 20:37	
Total xylenes	ND	1.0	ug/L	1.00	10/11/2005 20:37	
Surrogate(s)						
4-Bromofluorobenzene	100.3	79-118	%	1.00	10/11/2005 20:37	
1,2-Dichloroethane-d4	104.4	78-117	%	1.00	10/11/2005 20:37	
Toluene-d8	104.7	77-121	%	1.00	10/11/2005 20:37	

Volatile Organic Compounds by 8260B (Low Level)

Fugro
Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/10/11-01.06-003

Water

Test(s): 8260B
QC Batch # 2005/10/11-01.06
Date Extracted: 10/11/2005 10:55

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	10/11/2005 10:55	
Acetone	ND	50	ug/L	10/11/2005 10:55	
Benzene	ND	0.5	ug/L	10/11/2005 10:55	
Bromodichloromethane	ND	0.5	ug/L	10/11/2005 10:55	
Bromobenzene	ND	1.0	ug/L	10/11/2005 10:55	
Bromochloromethane	ND	1.0	ug/L	10/11/2005 10:55	
Bromoform	ND	0.5	ug/L	10/11/2005 10:55	
Bromomethane	ND	1.0	ug/L	10/11/2005 10:55	
2-Butanone(MEK)	ND	50	ug/L	10/11/2005 10:55	
Carbon disulfide	ND	5.0	ug/L	10/11/2005 10:55	
Carbon tetrachloride	ND	0.5	ug/L	10/11/2005 10:55	
Chlorobenzene	ND	0.5	ug/L	10/11/2005 10:55	
Chloroethane	ND	1.0	ug/L	10/11/2005 10:55	
Chloroform	ND	1.0	ug/L	10/11/2005 10:55	
Chloromethane	ND	1.0	ug/L	10/11/2005 10:55	
Dibromochloromethane	ND	0.5	ug/L	10/11/2005 10:55	
1,2-Dichlorobenzene	ND	0.5	ug/L	10/11/2005 10:55	
1,3-Dichlorobenzene	ND	0.5	ug/L	10/11/2005 10:55	
1,3-Dichloropropane	ND	1.0	ug/L	10/11/2005 10:55	
2,2-Dichloropropane	ND	0.5	ug/L	10/11/2005 10:55	
1,1-Dichloropropene	ND	0.5	ug/L	10/11/2005 10:55	
1,2-Dibromoethane	ND	0.5	ug/L	10/11/2005 10:55	
Dibromomethane	ND	0.5	ug/L	10/11/2005 10:55	
Dichlorodifluoromethane	ND	0.5	ug/L	10/11/2005 10:55	
1,1-Dichloroethane	ND	0.5	ug/L	10/11/2005 10:55	
1,2-Dichloroethane	ND	0.5	ug/L	10/11/2005 10:55	
1,1-Dichloroethene	ND	0.5	ug/L	10/11/2005 10:55	
cis-1,2-Dichloroethene	ND	0.5	ug/L	10/11/2005 10:55	
trans-1,2-Dichloroethene	ND	0.5	ug/L	10/11/2005 10:55	
1,2-Dichloropropane	ND	0.5	ug/L	10/11/2005 10:55	

Volatile Organic Compounds by 8260B (Low Level)

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — Water — **QC Batch # 2005/10/11-01.06**

MB: 2005/10/11-01.06-003 — Date Extracted: 10/11/2005 10:55

Compound	Conc.	RL	Unit	Analyzed	Flag
cis-1,3-Dichloropropene	ND	0.5	ug/L	10/11/2005 10:55	
trans-1,3-Dichloropropene	ND	0.5	ug/L	10/11/2005 10:55	
Ethylbenzene	ND	0.5	ug/L	10/11/2005 10:55	
Hexachlorobutadiene	ND	1.0	ug/L	10/11/2005 10:55	
Methylene chloride	ND	5.0	ug/L	10/11/2005 10:55	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	10/11/2005 10:55	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	10/11/2005 10:55	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	10/11/2005 10:55	
Tetrachloroethene	ND	0.5	ug/L	10/11/2005 10:55	
Toluene	ND	0.5	ug/L	10/11/2005 10:55	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	10/11/2005 10:55	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	10/11/2005 10:55	
1,1,1-Trichloroethane	ND	0.5	ug/L	10/11/2005 10:55	
1,1,2-Trichloroethane	ND	0.5	ug/L	10/11/2005 10:55	
Trichloroethene	ND	0.5	ug/L	10/11/2005 10:55	
Trichlorofluoromethane	ND	1.0	ug/L	10/11/2005 10:55	
Trichlorotrifluoroethane	ND	0.5	ug/L	10/11/2005 10:55	
Vinyl chloride	ND	0.5	ug/L	10/11/2005 10:55	
Total xylenes	ND	1.0	ug/L	10/11/2005 10:55	
Surrogates(s)					
4-Bromofluorobenzene	111.2	79-118	%	10/11/2005 10:55	
1,2-Dichloroethane-d4	103.3	78-117	%	10/11/2005 10:55	
Toluene-d8	108.6	77-121	%	10/11/2005 10:55	

Volatile Organic Compounds by 8260B (Low Level)

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/10/11-01.06

LCS 2005/10/11-01.06-002

Extracted: 10/11/2005

Analyzed: 10/11/2005 10:20

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	22.3		20.0	111.5			69-129	20		
Chlorobenzene	21.0		20.0	105.0			61-121	20		
1,1-Dichloroethene	24.6		20.0	123.0			65-125	20		
Toluene	21.7		20.0	108.5			70-130	20		
Trichloroethene	21.6		20.0	108.0			74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	557		500	111.4			79-118			
1,2-Dichloroethane-d4	504		500	100.8			78-117			
Toluene-d8	539		500	107.8			77-121			

Volatile Organic Compounds by 8260B (Low Level)

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/10/11-01.06**

MS/MSD

Lab ID: 2005-10-0184 - 002

MS: 2005/10/11-01.06-008 Extracted: 10/11/2005 Analyzed: 10/11/2005 14:06

Dilution: 1.00

MSD: 2005/10/11-01.06-009 Extracted: 10/11/2005 Analyzed: 10/11/2005 14:41

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	21.8	21.5	ND	20.0	109.0	107.5	1.4	69-129	20		
Chlorobenzene	20.6	20.3	ND	20.0	103.0	101.5	1.5	61-121	20		
1,1-Dichloroethene	23.3	23.9	ND	20.0	116.5	119.5	2.5	65-125	20		
Toluene	21.2	21.1	ND	20.0	106.0	105.5	0.5	70-130	20		
Trichloroethene	20.9	20.4	ND	20.0	104.5	102.0	2.4	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	560	560		500	112.0	112.0		79-118			
1,2-Dichloroethane-d4	526	522		500	105.2	104.4		78-117			
Toluene-d8	541	539		500	108.2	107.8		77-121			

SEVERN TRENT STL

Submission: 2005-10-0181

Dissolved CAM 17 Metals

Fugro
Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SCMW-28	10/07/2005 10:10	Water	3

SEVERN TRENT STL

Submission: 2005-10-0181

Dissolved CAM 17 Metals

Fugro
Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Prep(s):	3005A 7470A	Test(s):	6010B 7470A
Sample ID:	**SCMW-28**	Lab ID:	2005-10-0181 - 3
Sampled:	10/07/2005 10:10	Extracted:	10/17/2005 09:02 10/17/2005 10:23
Matrix:	Water	QC Batch#:	2005/10/17-02.15 2005/10/17-02.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	0.019	0.0050	mg/L	1.00	10/17/2005 10:20	
Arsenic	0.082	0.0050	mg/L	1.00	10/17/2005 10:20	
Barium	0.062	0.0050	mg/L	1.00	10/17/2005 10:20	
Beryllium	ND	0.0050	mg/L	1.00	10/17/2005 10:20	
Cadmium	ND	0.0020	mg/L	1.00	10/17/2005 10:20	
Chromium	ND	0.0050	mg/L	1.00	10/17/2005 10:20	
Cobalt	ND	0.0050	mg/L	1.00	10/17/2005 10:20	
Copper	ND	0.0050	mg/L	1.00	10/17/2005 10:20	
Lead	ND	0.0050	mg/L	1.00	10/17/2005 10:20	
Molybdenum	0.031	0.0050	mg/L	1.00	10/17/2005 10:20	
Nickel	ND	0.0050	mg/L	1.00	10/17/2005 10:20	
Selenium	ND	0.0050	mg/L	1.00	10/17/2005 10:20	
Silver	ND	0.0050	mg/L	1.00	10/17/2005 10:20	
Thallium	ND	0.0050	mg/L	1.00	10/17/2005 10:20	
Vanadium	0.038	0.0050	mg/L	1.00	10/17/2005 10:20	
Zinc	0.024	0.010	mg/L	1.00	10/17/2005 10:20	
Mercury	0.00025	0.00020	mg/L	1.00	10/17/2005 15:30	

Dissolved CAM 17 Metals

Fugro
Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Batch QC Report

Prep(s): 3005A
Method Blank
MB: 2005/10/17-02.15-004

Water

Test(s): 6010B
QC Batch # 2005/10/17-02.15
Date Extracted: 10/17/2005 09:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	0.0050	mg/L	10/17/2005 10:10	
Arsenic	ND	0.0050	mg/L	10/17/2005 10:10	
Barium	ND	0.0050	mg/L	10/17/2005 10:10	
Beryllium	ND	0.0050	mg/L	10/17/2005 10:10	
Cadmium	ND	0.0020	mg/L	10/17/2005 10:10	
Chromium	ND	0.0050	mg/L	10/17/2005 10:10	
Cobalt	ND	0.0050	mg/L	10/17/2005 10:10	
Copper	ND	0.0050	mg/L	10/17/2005 10:10	
Lead	ND	0.0050	mg/L	10/17/2005 10:10	
Molybdenum	ND	0.0050	mg/L	10/17/2005 10:10	
Nickel	ND	0.0050	mg/L	10/17/2005 10:10	
Selenium	ND	0.0050	mg/L	10/17/2005 10:10	
Silver	ND	0.0050	mg/L	10/17/2005 10:10	
Thallium	ND	0.0050	mg/L	10/17/2005 10:10	
Vanadium	ND	0.0050	mg/L	10/17/2005 10:10	
Zinc	ND	0.010	mg/L	10/17/2005 10:10	

Dissolved CAM 17 Metals

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Batch QC Report

Prep(s): 7470A

Test(s): 7470A

Method Blank

Water

QC Batch # 2005/10/17-02.16

MB: 2005/10/17-02.16-088

Date Extracted: 10/17/2005 10:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.0002	mg/L	10/17/2005 15:21	

Dissolved CAM 17 Metals

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Laboratory Control Spike **Water** **QC Batch # 2005/10/17-02.15**

LCS 2005/10/17-02.15-005 Extracted: 10/17/2005 Analyzed: 10/17/2005 10:13

LCSD 2005/10/17-02.15-006 Extracted: 10/17/2005 Analyzed: 10/17/2005 10:16

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	0.508	0.498	0.500	101.6	99.6	2.0	80-120	20		
Arsenic	0.441	0.429	0.500	88.2	85.8	2.8	80-120	20		
Barium	0.525	0.514	0.500	105.0	102.8	2.1	80-120	20		
Beryllium	0.521	0.511	0.500	104.2	102.2	1.9	80-120	20		
Cadmium	0.530	0.519	0.500	106.0	103.8	2.1	80-120	20		
Chromium	0.523	0.512	0.500	104.6	102.4	2.1	80-120	20		
Cobalt	0.514	0.504	0.500	102.8	100.8	2.0	80-120	20		
Copper	0.521	0.510	0.500	104.2	102.0	2.1	80-120	20		
Lead	0.526	0.514	0.500	105.2	102.8	2.3	80-120	20		
Molybdenum	0.527	0.519	0.500	105.4	103.8	1.5	80-120	20		
Nickel	0.523	0.513	0.500	104.6	102.6	1.9	80-120	20		
Selenium	0.534	0.521	0.500	106.8	104.2	2.5	80-120	20		
Silver	0.521	0.511	0.500	104.2	102.2	1.9	80-120	20		
Thallium	0.534	0.522	0.500	106.8	104.4	2.3	80-120	20		
Vanadium	0.520	0.509	0.500	104.0	101.8	2.1	80-120	20		
Zinc	0.526	0.514	0.500	105.2	102.8	2.3	80-120	20		

Dissolved CAM 17 Metals

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Batch QC Report

Prep(s): 7470A

Test(s): 7470A

Laboratory Control Spike **Water** **QC Batch # 2005/10/17-02.16**

LCS 2005/10/17-02.16-089 Extracted: 10/17/2005 Analyzed: 10/17/2005 15:22

LCSD 2005/10/17-02.16-090 Extracted: 10/17/2005 Analyzed: 10/17/2005 15:24

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.0222	0.0220	0.0200	111.0	110.0	0.9	85-115	20		

SEVERN TRENT STL

Submission: 2005-10-0181

TEPH w/ Silica Gel Clean-up

Fugro
Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-2	10/07/2005 09:50	Water	1
MW-3	10/07/2005 10:00	Water	2
SCMW-28	10/07/2005 10:10	Water	3

TEPH w/ Silica Gel Clean-up

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**MW-2**	Lab ID:	2005-10-0181 - 1
Sampled:	10/07/2005 09:50	Extracted:	10/13/2005 11:50
Matrix:	Water	QC Batch#:	2005/10/13-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	500	ug/L	1.00	10/14/2005 14:18	
DRO (C10-C28)	58	50	ug/L	1.00	10/14/2005 14:18	
Surrogate(s)						
o-Terphenyl	69.2	60-130	%	1.00	10/14/2005 14:18	

TEPH w/ Silica Gel Clean-up

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-3	Lab ID:	2005-10-0181 - 2
Sampled:	10/07/2005 10:00	Extracted:	10/13/2005 11:50
Matrix:	Water	QC Batch#:	2005/10/13-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	500	ug/L	1.00	10/14/2005 14:45	
DRO (C10-C28)	ND	50	ug/L	1.00	10/14/2005 14:45	
Surrogate(s)						
o-Terphenyl	62.0	60-130	%	1.00	10/14/2005 14:45	

TEPH w/ Silica Gel Clean-up

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**SCMW-28**	Lab ID:	2005-10-0181 - 3
Sampled:	10/07/2005 10:10	Extracted:	10/13/2005 11:50
Matrix:	Water	QC Batch#:	2005/10/13-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Motor Oil	ND	500	ug/L	1.00	10/14/2005 15:11	
DRO (C10-C28)	350	50	ug/L	1.00	10/14/2005 15:11	
Surrogate(s)						
o-Terphenyl	76.0	60-130	%	1.00	10/14/2005 15:11	

TEPH w/ Silica Gel Clean-up

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Batch QC Report

Prep(s): 3510/8015M
Method Blank diesel, dro
MB: 2005/10/13-04.10-001

Water

Test(s): 8015M
QC Batch # 2005/10/13-04.10
Date Extracted: 10/13/2005 11:50

Compound	Conc.	RL	Unit	Analyzed	Flag
Motor Oil	ND	500	ug/L	10/14/2005 12:05	
DRO (C10-C28)	ND	50	ug/L	10/14/2005 12:05	
Surrogates(s)					
o-Terphenyl	64.4	60-130	%	10/14/2005 12:05	

TEPH w/ Silica Gel Clean-up

Fugro

Attn.: Melissa Pleva

1000 Broadway Suite 200
Oakland, CA 94607
Phone: (510) 268-0461 Fax: (510) 268-0137

Project: 133.023

Received: 10/07/2005 12:10

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike diesel, dro **Water** **QC Batch # 2005/10/13-04.10**

LCS 2005/10/13-04.10-002 Extracted: 10/13/2005 Analyzed: 10/14/2005 11:12

LCSD 2005/10/13-04.10-003 Extracted: 10/13/2005 Analyzed: 10/14/2005 11:38

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
DRO (C10-C28)	725	669	1000	72.5	66.9	8.0	60-130	25		
Surrogates(s)										
o-Terphenyl	15.4	15.8	20.0	77.2	79.1		60-130	0		

2005-10-0181

100216

CHAIN OF CUSTODY

PROJECT NAME:

PROJECT NO.: 133.023 LAB: STL

PROJECT CONTACT: Melissa L. Pleva TURNAROUND: 5 day

SAMPLED BY: Melissa L. Pleva REQUESTED BY: Melissa L. Pleva

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX: WATER	SOIL	AIR		CONTAINERS: VOA	LITER	PINT	TUBE	Poly		PRESERVATIVE: HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	SAMPLING DATE: MONTH	DAY	YEAR	TIME	NOTES	ANALYSIS REQUESTED: TPHd, mo w/ Silica Gel (8015m)	VOCs (8260B/8240)	Title 22 Metals (6010/7000)
	MW-2	X					1								X			10	07	05	0950		X		
	MW-3	X					1								X			10	07	05	1000		X		
	SCIMW-28	X				3	1			1				X	X			10	07	05	1010	②	X	X	X
	Trip blank 100705	X				2						X			X							①			

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
[signature]	10/07/05 1210	[signature] STL-SF	10/7/05 1210

COMMENTS & NOTES:

* VOA are Unpreserved 2°C

① Hold ② Field filtered

FUGRO WEST, INC.
1000 Broadway, Suite 200
Oakland, California 94607
Tel: 510.268.0461 Fax: 510.268.0137

g:\server migration\data\template\chain of custody

ANALYTICAL REPORT

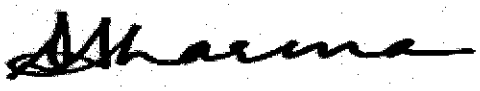
Job Number: 720-154-1

Job Description: 9th Avenue terminal KOT

For:

Fugro West Incorporated
1000 Broadway, Suite 200
Oakland, CA 94607

Attention: Ms. Melissa Pleva



Dimple Sharma
Project Manager I
dsharma@stl-inc.com
10/27/2005

METHOD SUMMARY

Client: Fugro West Incorporated

Job Number: 720-154-1

Description	Lab Location	Method	Preparation Method
Matrix: Waste			
Volatile Organic Compounds by GC/MS (Low Level)	STL-SF	SW846 8260B	
Purge-and-Trap for Aqueous Samples/High	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	STL-SF	SW846 8015B	
Purge-and-Trap for Aqueous Samples/High	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Waste Dilution	STL-SF		SW846 3580A
Matrix: Water			
Volatile Organic Compounds by GC/MS (Low Level)	STL-SF	SW846 8260B	
Purge-and-Trap for Aqueous	STL-SF		SW846 5030B
Purge-and-Trap	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	STL-SF	SW846 8015B	
Purge-and-Trap for Aqueous	STL-SF		SW846 5030B
Purge-and-Trap	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Silica Gel Cleanup	STL-SF		SW846 3630C
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C
Organochlorine Pesticides by Gas Chromatography	STL-SF	SW846 8081A	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Fugro West Incorporated

Job Number: 720-154-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-154-1	SCIMW-24	Water	10/06/2005 0845	10/07/2005 1210
720-154-2	SCIMW-2	Water	10/06/2005 0915	10/07/2005 1210
720-154-3	SCIMW-34	Water	10/06/2005 0935	10/07/2005 1210
720-154-4	SCIMW-35	Water	10/06/2005 0955	10/07/2005 1210
720-154-5	SCIMW-30	Water	10/06/2005 1015	10/07/2005 1210
720-154-6	SCIMW-7	Water	10/06/2005 1030	10/07/2005 1210
720-154-7	SCIMW-22	Water	10/06/2005 1050	10/07/2005 1210
720-154-8	SCIMW-31D	Water	10/06/2005 1115	10/07/2005 1210
720-154-9	SCIMW-32	Water	10/06/2005 1130	10/07/2005 1210
720-154-10	SCIMW-26	Water	10/06/2005 1225	10/07/2005 1210
720-154-11	SCIMW-15	Water	10/06/2005 1245	10/07/2005 1210
720-154-12	SCIMW-29	Water	10/06/2005 1330	10/07/2005 1210
720-154-13	SCIMW-33	Water	10/06/2005 1150	10/07/2005 1210
720-154-14	MW-4 FREE PRODUCT	Waste	10/05/2005 1415	10/07/2005 1210
720-154-15	MW-5	Water	10/05/2005 1500	10/07/2005 1210
720-154-16	SCIMW-11	Water	10/05/2005 1520	10/07/2005 1210
720-154-17	SCIMW-8	Water	10/05/2005 1600	10/07/2005 1210
720-154-18	SCIMW-9	Water	10/05/2005 1610	10/07/2005 1210
720-154-19	SCIMW-13	Water	10/05/2005 1620	10/07/2005 1210
720-154-20	SCIMW-3	Water	10/05/2005 1630	10/07/2005 1210

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-24**

Lab Sample ID: 720-154-1
Client Matrix: Water

Date Sampled: 10/06/2005 0845
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 40
Date Analyzed: 10/12/2005 1432
Date Prepared: 10/12/2005 1432

Analysis Batch: 720-916

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101205\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		200
Benzene	1600		20
Ethylbenzene	ND		20
Toluene	30		20
Xylenes, Total	59		40

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	79 - 118
1,2-Dichloroethane-d4	90	73 - 130
Toluene-d8	91	77 - 121

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-35**

Lab Sample ID: 720-154-4
Client Matrix: Water

Date Sampled: 10/06/2005 0955
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/13/2005 1632
Date Prepared: 10/13/2005 1632

Analysis Batch: 720-959

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101305\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	79 - 118
1,2-Dichloroethane-d4	91	73 - 130
Toluene-d8	93	77 - 121

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-30**

Lab Sample ID: 720-154-5
Client Matrix: Water

Date Sampled: 10/06/2005 1015
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/12/2005 1612
Date Prepared: 10/12/2005 1612

Analysis Batch: 720-916

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101205\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		0.50
Dichlorobromomethane	ND		0.50
Bromobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Bromoform	ND		0.50
Bromomethane	ND		1.0
Methyl Ethyl Ketone	ND		50
n-Butylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
tert-Butylbenzene	ND		1.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		0.50
Chlorobenzene	ND		0.50
Chloroethane	ND		1.0
Chloroform	ND		1.0
Chloromethane	ND		1.0
2-Chlorotoluene	ND		0.50
4-Chlorotoluene	ND		0.50
Chlorodibromomethane	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,3-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
1,3-Dichloropropane	ND		1.0
1,1-Dichloropropene	ND		0.50
1,2-Dibromo-3-Chloropropane	ND		1.0
Ethylene Dibromide	ND		0.50
Dibromomethane	ND		0.50
Dichlorodifluoromethane	ND		0.50
1,1-Dichloroethane	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1-Dichloroethene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloropropane	ND		0.50
cis-1,3-Dichloropropene	ND		0.50
trans-1,3-Dichloropropene	ND		0.50
Ethylbenzene	ND		0.50
Hexachlorobutadiene	ND		1.0
2-Hexanone	ND		50
Isopropylbenzene	ND		0.50
4-Isopropyltoluene	ND		1.0

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-30**

Lab Sample ID: 720-154-5
Client Matrix: Water

Date Sampled: 10/06/2005 1015
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/12/2005 1612
Date Prepared: 10/12/2005 1612

Analysis Batch: 720-916

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101205\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		5.0
methyl isobutyl ketone	ND		50
Naphthalene	ND		1.0
N-Propylbenzene	ND		1.0
Styrene	ND		0.50
1,1,1,2-Tetrachloroethane	ND		0.50
1,1,2,2-Tetrachloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Toluene	ND		0.50
1,2,3-Trichlorobenzene	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,1,1-Trichloroethane	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Trichloroethene	ND		0.50
Trichlorofluoromethane	ND		1.0
1,2,3-Trichloropropane	ND		0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50
1,2,4-Trimethylbenzene	ND		0.50
1,3,5-Trimethylbenzene	ND		0.50
Vinyl acetate	ND		25
Vinyl chloride	ND		0.50
Xylenes, Total	ND		1.0
2,2-Dichloropropane	ND		0.50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	79 - 118
1,2-Dichloroethane-d4	100	73 - 130
Toluene-d8	93	77 - 121

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-7**

Lab Sample ID: 720-154-6
Client Matrix: Water

Date Sampled: 10/06/2005 1030
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 400
Date Analyzed: 10/12/2005 1752
Date Prepared: 10/12/2005 1752

Analysis Batch: 720-916

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101205\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		2000
Acetone	ND		20000
Benzene	2400		200
Dichlorobromomethane	ND		200
Bromobenzene	ND		400
Chlorobromomethane	ND		400
Bromoform	ND		200
Bromomethane	ND		400
Methyl Ethyl Ketone	ND		20000
n-Butylbenzene	ND		400
sec-Butylbenzene	ND		400
tert-Butylbenzene	ND		400
Carbon disulfide	ND		2000
Carbon tetrachloride	ND		200
Chlorobenzene	ND		200
Chloroethane	1900		400
Chloroform	ND		400
Chloromethane	ND		400
2-Chlorotoluene	ND		200
4-Chlorotoluene	ND		200
Chlorodibromomethane	ND		200
1,2-Dichlorobenzene	ND		200
1,3-Dichlorobenzene	ND		200
1,4-Dichlorobenzene	ND		200
1,3-Dichloropropane	ND		400
1,1-Dichloropropene	ND		200
1,2-Dibromo-3-Chloropropane	ND		400
Ethylene Dibromide	ND		200
Dibromomethane	ND		200
Dichlorodifluoromethane	ND		200
1,1-Dichloroethane	6800		200
1,2-Dichloroethane	ND		200
1,1-Dichloroethene	ND		200
cis-1,2-Dichloroethene	16000		200
trans-1,2-Dichloroethene	270		200
1,2-Dichloropropane	ND		200
cis-1,3-Dichloropropene	ND		200
trans-1,3-Dichloropropene	ND		200
Ethylbenzene	ND		200
Hexachlorobutadiene	ND		400
2-Hexanone	ND		20000
Isopropylbenzene	ND		200
4-Isopropyltoluene	ND		400

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-7**

Lab Sample ID: 720-154-6
Client Matrix: Water

Date Sampled: 10/06/2005 1030
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 400
Date Analyzed: 10/12/2005 1752
Date Prepared: 10/12/2005 1752

Analysis Batch: 720-916

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101205\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		2000
methyl isobutyl ketone	ND		20000
Naphthalene	ND		400
N-Propylbenzene	ND		400
Styrene	ND		200
1,1,1,2-Tetrachloroethane	ND		200
1,1,2,2-Tetrachloroethane	ND		200
Tetrachloroethene	ND		200
Toluene	1200		200
1,2,3-Trichlorobenzene	ND		400
1,2,4-Trichlorobenzene	ND		400
1,1,1-Trichloroethane	1300		200
1,1,2-Trichloroethane	ND		200
Trichloroethene	ND		200
Trichlorofluoromethane	ND		400
1,2,3-Trichloropropane	ND		200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200
1,2,4-Trimethylbenzene	ND		200
1,3,5-Trimethylbenzene	ND		200
Vinyl acetate	ND		10000
Vinyl chloride	5200		200
Xylenes, Total	ND		400
2,2-Dichloropropane	ND		200

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	79 - 118
1,2-Dichloroethane-d4	93	73 - 130
Toluene-d8	95	77 - 121

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-22**

Lab Sample ID: 720-154-7
Client Matrix: Water

Date Sampled: 10/06/2005 1050
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 10/13/2005 1705
Date Prepared: 10/13/2005 1705

Analysis Batch: 720-959

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101305\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		25
Acetone	ND		250
Benzene	ND		2.5
Dichlorobromomethane	ND		2.5
Bromobenzene	ND		5.0
Chlorobromomethane	ND		5.0
Bromoform	ND		2.5
Bromomethane	ND		5.0
Methyl Ethyl Ketone	ND		250
n-Butylbenzene	ND		5.0
sec-Butylbenzene	ND		5.0
tert-Butylbenzene	ND		5.0
Carbon disulfide	ND		25
Carbon tetrachloride	ND		2.5
Chlorobenzene	ND		2.5
Chloroethane	ND		5.0
Chloroform	ND		5.0
Chloromethane	ND		5.0
2-Chlorotoluene	ND		2.5
4-Chlorotoluene	ND		2.5
Chlorodibromomethane	ND		2.5
1,2-Dichlorobenzene	ND		2.5
1,3-Dichlorobenzene	ND		2.5
1,4-Dichlorobenzene	ND		2.5
1,3-Dichloropropane	ND		5.0
1,1-Dichloropropene	ND		2.5
1,2-Dibromo-3-Chloropropane	ND		5.0
Ethylene Dibromide	ND		2.5
Dibromomethane	ND		2.5
Dichlorodifluoromethane	ND		2.5
1,1-Dichloroethane	ND		2.5
1,2-Dichloroethane	ND		2.5
1,1-Dichloroethene	ND		2.5
cis-1,2-Dichloroethene	ND		2.5
trans-1,2-Dichloroethene	ND		2.5
1,2-Dichloropropane	ND		2.5
cis-1,3-Dichloropropene	ND		2.5
trans-1,3-Dichloropropene	ND		2.5
Ethylbenzene	ND		2.5
Hexachlorobutadiene	ND		5.0
2-Hexanone	ND		250
Isopropylbenzene	ND		2.5
4-Isopropyltoluene	ND		5.0

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-22**

Lab Sample ID: 720-154-7
Client Matrix: Water

Date Sampled: 10/06/2005 1050
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 10/13/2005 1705
Date Prepared: 10/13/2005 1705

Analysis Batch: 720-959

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101305\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		25
methyl isobutyl ketone	ND		250
Naphthalene	ND		5.0
N-Propylbenzene	ND		5.0
Styrene	ND		2.5
1,1,1,2-Tetrachloroethane	ND		2.5
1,1,2,2-Tetrachloroethane	ND		2.5
Tetrachloroethene	ND		2.5
Toluene	ND		2.5
1,2,3-Trichlorobenzene	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
1,1,1-Trichloroethane	ND		2.5
1,1,2-Trichloroethane	ND		2.5
Trichloroethene	ND		2.5
Trichlorofluoromethane	ND		5.0
1,2,3-Trichloropropane	ND		2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5
1,2,4-Trimethylbenzene	ND		2.5
1,3,5-Trimethylbenzene	ND		2.5
Vinyl acetate	ND		130
Vinyl chloride	ND		2.5
Xylenes, Total	ND		5.0
2,2-Dichloropropane	ND		2.5

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	100	79 - 118
1,2-Dichloroethane-d4	92	73 - 130
Toluene-d8	93	77 - 121

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-31D**

Lab Sample ID: 720-154-8
Client Matrix: Water

Date Sampled: 10/06/2005 1115
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/12/2005 1718
Date Prepared: 10/12/2005 1718

Analysis Batch: 720-916

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101205\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		0.50
Dichlorobromomethane	ND		0.50
Bromobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Bromoform	ND		0.50
Bromomethane	ND		1.0
Methyl Ethyl Ketone	ND		50
n-Butylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
tert-Butylbenzene	ND		1.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		0.50
Chlorobenzene	ND		0.50
Chloroethane	ND		1.0
Chloroform	ND		1.0
Chloromethane	ND		1.0
2-Chlorotoluene	ND		0.50
4-Chlorotoluene	ND		0.50
Chlorodibromomethane	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,3-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
1,3-Dichloropropane	ND		1.0
1,1-Dichloropropene	ND		0.50
1,2-Dibromo-3-Chloropropane	ND		1.0
Ethylene Dibromide	ND		0.50
Dibromomethane	ND		0.50
Dichlorodifluoromethane	ND		0.50
1,1-Dichloroethane	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1-Dichloroethene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloropropane	ND		0.50
cis-1,3-Dichloropropene	ND		0.50
trans-1,3-Dichloropropene	ND		0.50
Ethylbenzene	ND		0.50
Hexachlorobutadiene	ND		1.0
2-Hexanone	ND		50
Isopropylbenzene	ND		0.50
4-Isopropyltoluene	ND		1.0

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-31D**

Lab Sample ID: 720-154-8
Client Matrix: Water

Date Sampled: 10/06/2005 1115
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/12/2005 1718
Date Prepared: 10/12/2005 1718

Analysis Batch: 720-916

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101205\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		5.0
methyl isobutyl ketone	ND		50
Naphthalene	ND		1.0
N-Propylbenzene	ND		1.0
Styrene	ND		0.50
1,1,1,2-Tetrachloroethane	ND		0.50
1,1,2,2-Tetrachloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Toluene	ND		0.50
1,2,3-Trichlorobenzene	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,1,1-Trichloroethane	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Trichloroethene	ND		0.50
Trichlorofluoromethane	ND		1.0
1,2,3-Trichloropropane	ND		0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50
1,2,4-Trimethylbenzene	ND		0.50
1,3,5-Trimethylbenzene	ND		0.50
Vinyl acetate	ND		25
Vinyl chloride	ND		0.50
Xylenes, Total	ND		1.0
2,2-Dichloropropane	ND		0.50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	99	79 - 118
1,2-Dichloroethane-d4	94	73 - 130
Toluene-d8	94	77 - 121

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-32**

Lab Sample ID: 720-154-9
Client Matrix: Water

Date Sampled: 10/06/2005 1130
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/12/2005 1645
Date Prepared: 10/12/2005 1645

Analysis Batch: 720-916

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101205\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		0.50
Dichlorobromomethane	ND		0.50
Bromobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Bromoform	ND		0.50
Bromomethane	ND		1.0
Methyl Ethyl Ketone	ND		50
n-Butylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
tert-Butylbenzene	ND		1.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		0.50
Chlorobenzene	ND		0.50
Chloroethane	ND		1.0
Chloroform	ND		1.0
Chloromethane	ND		1.0
2-Chlorotoluene	ND		0.50
4-Chlorotoluene	ND		0.50
Chlorodibromomethane	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,3-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
1,3-Dichloropropane	ND		1.0
1,1-Dichloropropene	ND		0.50
1,2-Dibromo-3-Chloropropane	ND		1.0
Ethylene Dibromide	ND		0.50
Dibromomethane	ND		0.50
Dichlorodifluoromethane	ND		0.50
1,1-Dichloroethane	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1-Dichloroethene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloropropane	ND		0.50
cis-1,3-Dichloropropene	ND		0.50
trans-1,3-Dichloropropene	ND		0.50
Ethylbenzene	ND		0.50
Hexachlorobutadiene	ND		1.0
2-Hexanone	ND		50
Isopropylbenzene	ND		0.50
4-Isopropyltoluene	ND		1.0

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-32**

Lab Sample ID: 720-154-9
Client Matrix: Water

Date Sampled: 10/06/2005 1130
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/12/2005 1645
Date Prepared: 10/12/2005 1645

Analysis Batch: 720-916

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101205\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		5.0
methyl isobutyl ketone	ND		50
Naphthalene	ND		1.0
N-Propylbenzene	ND		1.0
Styrene	ND		0.50
1,1,1,2-Tetrachloroethane	ND		0.50
1,1,2,2-Tetrachloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Toluene	ND		0.50
1,2,3-Trichlorobenzene	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,1,1-Trichloroethane	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Trichloroethene	ND		0.50
Trichlorofluoromethane	ND		1.0
1,2,3-Trichloropropane	ND		0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50
1,2,4-Trimethylbenzene	ND		0.50
1,3,5-Trimethylbenzene	ND		0.50
Vinyl acetate	ND		25
Vinyl chloride	ND		0.50
Xylenes, Total	ND		1.0
2,2-Dichloropropane	ND		0.50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	100	79 - 118
1,2-Dichloroethane-d4	89	73 - 130
Toluene-d8	96	77 - 121

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-33**

Lab Sample ID: 720-154-13
Client Matrix: Water

Date Sampled: 10/06/2005 1150
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 10/11/2005 1922
Date Prepared: 10/11/2005 1922

Analysis Batch: 720-912

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101105\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		25
Acetone	ND		250
Benzene	ND		2.5
Dichlorobromomethane	ND		2.5
Bromobenzene	ND		5.0
Chlorobromomethane	ND		5.0
Bromoform	ND		2.5
Bromomethane	ND		5.0
Methyl Ethyl Ketone	ND		250
n-Butylbenzene	ND		5.0
sec-Butylbenzene	ND		5.0
tert-Butylbenzene	ND		5.0
Carbon disulfide	ND		25
Carbon tetrachloride	ND		2.5
Chlorobenzene	160		2.5
Chloroethane	ND		5.0
Chloroform	ND		5.0
Chloromethane	ND		5.0
2-Chlorotoluene	ND		2.5
4-Chlorotoluene	ND		2.5
Chlorodibromomethane	ND		2.5
1,2-Dichlorobenzene	ND		2.5
1,3-Dichlorobenzene	ND		2.5
1,4-Dichlorobenzene	ND		2.5
1,3-Dichloropropane	ND		5.0
1,1-Dichloropropene	ND		2.5
1,2-Dibromo-3-Chloropropane	ND		5.0
Ethylene Dibromide	ND		2.5
Dibromomethane	ND		2.5
Dichlorodifluoromethane	ND		2.5
1,1-Dichloroethane	ND		2.5
1,2-Dichloroethane	ND		2.5
1,1-Dichloroethene	ND		2.5
cis-1,2-Dichloroethene	ND		2.5
trans-1,2-Dichloroethene	ND		2.5
1,2-Dichloropropane	ND		2.5
cis-1,3-Dichloropropene	ND		2.5
trans-1,3-Dichloropropene	ND		2.5
Ethylbenzene	ND		2.5
Hexachlorobutadiene	ND		5.0
2-Hexanone	ND		250
Isopropylbenzene	ND		2.5
4-Isopropyltoluene	ND		5.0

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-33**

Lab Sample ID: 720-154-13
Client Matrix: Water

Date Sampled: 10/06/2005 1150
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 10/11/2005 1922
Date Prepared: 10/11/2005 1922

Analysis Batch: 720-912

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101105\720-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		25
methyl isobutyl ketone	ND		250
Naphthalene	ND		5.0
N-Propylbenzene	ND		5.0
Styrene	ND		2.5
1,1,1,2-Tetrachloroethane	ND		2.5
1,1,2,2-Tetrachloroethane	ND		2.5
Tetrachloroethene	ND		2.5
Toluene	ND		2.5
1,2,3-Trichlorobenzene	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
1,1,1-Trichloroethane	ND		2.5
1,1,2-Trichloroethane	ND		2.5
Trichloroethene	ND		2.5
Trichlorofluoromethane	ND		5.0
1,2,3-Trichloropropane	ND		2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5
1,2,4-Trimethylbenzene	ND		2.5
1,3,5-Trimethylbenzene	ND		2.5
Vinyl acetate	ND		130
Vinyl chloride	ND		2.5
Xylenes, Total	ND		5.0
2,2-Dichloropropane	ND		2.5

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	99	79 - 118
1,2-Dichloroethane-d4	94	73 - 130
Toluene-d8	93	77 - 121

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **MW-4 FREE PRODUCT**

Lab Sample ID: 720-154-14
Client Matrix: Waste

Date Sampled: 10/05/2005 1415
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B-Medium
Dilution: 4000
Date Analyzed: 10/12/2005 1951
Date Prepared: 10/11/2005 1000

Analysis Batch: 720-859
Prep Batch: 720-898

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200510\10
Initial Weight/Volume: 1 g
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		100000
Benzene		ND		100000
Ethylbenzene		ND		100000
Toluene		ND		100000
Xylenes, Total		ND		200000

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	118	60 - 140
1,2-Dichloroethane-d4	101	60 - 140
Toluene-d8	91	70 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-11**

Lab Sample ID: 720-154-16
Client Matrix: Water

Date Sampled: 10/05/2005 1520
Date Received: 10/07/2005 1210

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/19/2005 0030
Date Prepared: 10/19/2005 0030

Analysis Batch: 720-1063

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200510\10
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	108	79 - 118
1,2-Dichloroethane-d4	117	73 - 130
Toluene-d8	108	77 - 121

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-24**

Lab Sample ID: 720-154-1
Client Matrix: Water

Date Sampled: 10/06/2005 0845
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B
Preparation: 5030B
Dilution: 100
Date Analyzed: 10/13/2005 1315
Date Prepared: 10/13/2005 1315

Analysis Batch: 720-956

Instrument ID: PID/FID Gas/Btex
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	18000		5000

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	109	50 - 150

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-34**

Lab Sample ID: 720-154-3
Client Matrix: Water

Date Sampled: 10/06/2005 0935
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/14/2005 1423
Date Prepared: 10/14/2005 1423

Analysis Batch: 720-956

Instrument ID: PID/FID Gas/Btex
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	110	50 - 150

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-35**

Lab Sample ID: 720-154-4
Client Matrix: Water

Date Sampled: 10/06/2005 0955
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/13/2005 1857
Date Prepared: 10/13/2005 1857

Analysis Batch: 720-956

Instrument ID: PID/FID Gas/Btex
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	109	50 - 150

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-7**

Lab Sample ID: 720-154-6
Client Matrix: Water

Date Sampled: 10/06/2005 1030
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B
Preparation: 5030B
Dilution: 50
Date Analyzed: 10/14/2005 1823
Date Prepared: 10/14/2005 1823

Analysis Batch: 720-956

Instrument ID: PID/FID Gas/Btex
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	28000		2500

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	105	50 - 150

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-11**

Lab Sample ID: 720-154-16
Client Matrix: Water

Date Sampled: 10/05/2005 1520
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/13/2005 1641
Date Prepared: 10/13/2005 1641

Analysis Batch: 720-956

Instrument ID: PID/FID Gas/Btex
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C6-C10	ND		50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	110	50 - 150

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-24**

Lab Sample ID: 720-154-1
Client Matrix: Water

Date Sampled: 10/06/2005 0845
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/20/2005 1518
Date Prepared: 10/19/2005 0857

Analysis Batch: 720-1185
Prep Batch: 720-1066

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	3600		50
Motor Oil Range Organics [C24-C36]	3200		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	61	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-2**

Lab Sample ID: 720-154-2
Client Matrix: Water

Date Sampled: 10/06/2005 0915
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/20/2005 1544
Date Prepared: 10/19/2005 0857

Analysis Batch: 720-1185
Prep Batch: 720-1066

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	6700		50
Motor Oil Range Organics [C24-C36]	1100		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	68	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-34**

Lab Sample ID: 720-154-3
Client Matrix: Water

Date Sampled: 10/06/2005 0935
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/20/2005 1332
Date Prepared: 10/19/2005 0857

Analysis Batch: 720-1185
Prep Batch: 720-1066

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	120		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	76	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-35**

Lab Sample ID: 720-154-4
Client Matrix: Water

Date Sampled: 10/06/2005 0955
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/20/2005 1358
Date Prepared: 10/19/2005 0857

Analysis Batch: 720-1185
Prep Batch: 720-1066

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	65	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-7**

Lab Sample ID: 720-154-6
Client Matrix: Water

Date Sampled: 10/06/2005 1030
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/20/2005 1425
Date Prepared: 10/19/2005 0857

Analysis Batch: 720-1185
Prep Batch: 720-1066

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	580		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	68	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-15**

Lab Sample ID: 720-154-11
Client Matrix: Water

Date Sampled: 10/06/2005 1245
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/20/2005 1451
Date Prepared: 10/19/2005 0857

Analysis Batch: 720-1185
Prep Batch: 720-1066

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	94		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	76	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-29**

Lab Sample ID: 720-154-12
Client Matrix: Water

Date Sampled: 10/06/2005 1330
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/20/2005 1202
Date Prepared: 10/19/2005 0857

Analysis Batch: 720-1185
Prep Batch: 720-1066

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	63	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-33**

Lab Sample ID: 720-154-13
Client Matrix: Water

Date Sampled: 10/06/2005 1150
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/20/2005 1229
Date Prepared: 10/19/2005 0857

Analysis Batch: 720-1185
Prep Batch: 720-1066

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	510		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	83	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **MW-4 FREE PRODUCT**

Lab Sample ID: 720-154-14
Client Matrix: Waste

Date Sampled: 10/05/2005 1415
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3580A-Medium
Dilution: 10
Date Analyzed: 10/17/2005 1715
Date Prepared: 10/17/2005 1340

Analysis Batch: 720-1055
Prep Batch: 720-998

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 0.2075 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		960000	B	2900
Motor Oil Range Organics [C24-C36]		ND		29000

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	D	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **MW-5**

Lab Sample ID: 720-154-15
Client Matrix: Water

Date Sampled: 10/05/2005 1500
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/18/2005 1231
Date Prepared: 10/17/2005 1338

Analysis Batch: 720-1120
Prep Batch: 720-997

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	510		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	90	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-11**

Lab Sample ID: 720-154-16
Client Matrix: Water

Date Sampled: 10/05/2005 1520
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/18/2005 1258
Date Prepared: 10/17/2005 1338

Analysis Batch: 720-1120
Prep Batch: 720-997

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	72	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-8**

Lab Sample ID: 720-154-17
Client Matrix: Water

Date Sampled: 10/05/2005 1600
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/18/2005 1326
Date Prepared: 10/17/2005 1338

Analysis Batch: 720-1120
Prep Batch: 720-997

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	74	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-9**

Lab Sample ID: 720-154-18
Client Matrix: Water

Date Sampled: 10/05/2005 1610
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/18/2005 1326
Date Prepared: 10/17/2005 1338

Analysis Batch: 720-1120
Prep Batch: 720-997

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	87		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	78	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-13**

Lab Sample ID: 720-154-19
Client Matrix: Water

Date Sampled: 10/05/2005 1620
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/18/2005 1229
Date Prepared: 10/17/2005 1338

Analysis Batch: 720-1120
Prep Batch: 720-997

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	150		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	79	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-3**

Lab Sample ID: 720-154-20
Client Matrix: Water

Date Sampled: 10/05/2005 1630
Date Received: 10/07/2005 1210

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3630C
Dilution: 1.0
Date Analyzed: 10/18/2005 1256
Date Prepared: 10/17/2005 1338

Analysis Batch: 720-1120
Prep Batch: 720-997

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	610		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	68	60 - 130

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-7**

Lab Sample ID: 720-154-6
Client Matrix: Water

Date Sampled: 10/06/2005 1030
Date Received: 10/07/2005 1210

8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 10/20/2005 0258
Date Prepared: 10/19/2005 1540

Analysis Batch: 720-1112
Prep Batch: 720-1089

Instrument ID: Varian Pest 1
Lab File ID: N/A
Initial Weight/Volume: 730 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	ND		0.082
Dieldrin	ND		0.082
Endrin aldehyde	ND		0.082
Endrin	ND		0.082
Endrin ketone	ND		0.082
Heptachlor	ND		0.082
Heptachlor epoxide	ND		0.082
4,4'-DDT	ND		0.082
4,4'-DDE	ND		0.082
4,4'-DDD	1.1		0.082
Endosulfan I	ND		0.082
Endosulfan II	ND		0.082
alpha-BHC	ND		0.082
beta-BHC	ND		0.082
gamma-BHC (Lindane)	ND		0.082
delta-BHC	ND		0.082
Endosulfan sulfate	ND		0.082
Methoxychlor	ND		0.082
Toxaphene	ND		1.4
Chlordane (technical)	ND		1.4
alpha-Chlordane	ND		0.082
gamma-Chlordane	ND		0.082

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	114	62 - 123
DCB Decachlorobiphenyl	63	56 - 136

Client: Fugro West Incorporated

Job Number: 720-154-1

Client Sample ID: **SCIMW-33**

Lab Sample ID: 720-154-13
Client Matrix: Water

Date Sampled: 10/06/2005 1150
Date Received: 10/07/2005 1210

8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 10/19/2005 0712
Date Prepared: 10/18/2005 1222

Analysis Batch: 720-1107
Prep Batch: 720-1042

Instrument ID: Varian Pest 1
Lab File ID: N/A
Initial Weight/Volume: 980 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	ND		0.061
Dieldrin	ND		0.061
Endrin aldehyde	ND		0.061
Endrin	ND		0.061
Endrin ketone	ND		0.061
Heptachlor	ND		0.061
Heptachlor epoxide	ND		0.061
4,4'-DDT	ND		0.061
4,4'-DDE	0.67		0.061
4,4'-DDD	1.3		0.061
Endosulfan I	ND		0.061
Endosulfan II	ND		0.061
alpha-BHC	ND		0.061
beta-BHC	ND		0.061
gamma-BHC (Lindane)	ND		0.061
delta-BHC	ND		0.061
Endosulfan sulfate	ND		0.061
Methoxychlor	ND		0.061
Toxaphene	ND		1.0
Chlordane (technical)	ND		1.0
alpha-Chlordane	ND		0.061
gamma-Chlordane	ND		0.061

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	90	62 - 123
DCB Decachlorobiphenyl	69	56 - 136

DATA REPORTING QUALIFIERS

Client: Fugro West Incorporated

Job Number: 720-154-1

Lab Section	Qualifier	Description
GC VOA		
	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits
GC Semi VOA		
	B	Compound was found in the blank and sample.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.

Client: Fugro West Incorporated

Job Number: 720-154-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Prep Batch: 720-898				
LCS 720-898/2-A	Lab Control Spike	Waste	5030B	
LCSD 720-898/3-A	Lab Control Spike Duplicate	Waste	5030B	
MB 720-898/1-A	Method Blank	Waste	5030B	
720-154-14	MW-4 FREE PRODUCT	Waste	5030B	
Analysis Batch:720-912				
LCS 720-912/3	Lab Control Spike	Water	8260B	
LCSD 720-912/2	Lab Control Spike Duplicate	Water	8260B	
MB 720-912/4	Method Blank	Water	8260B	
720-154-13	SCIMW-33	Water	8260B	
Analysis Batch:720-916				
LCS 720-916/15	Lab Control Spike	Water	8260B	
LCSD 720-916/14RA2	Lab Control Spike Duplicate	Water	8260B	
MB 720-916/16	Method Blank	Water	8260B	
720-154-1	SCIMW-24	Water	8260B	
720-154-1MS	Matrix Spike	Water	8260B	
720-154-1MSD	Matrix Spike Duplicate	Water	8260B	
720-154-5	SCIMW-30	Water	8260B	
720-154-6	SCIMW-7	Water	8260B	
720-154-8	SCIMW-31D	Water	8260B	
720-154-9	SCIMW-32	Water	8260B	
Analysis Batch:720-959				
LCS 720-959/12	Lab Control Spike	Water	8260B	
MB 720-959/13	Method Blank	Water	8260B	
720-154-4	SCIMW-35	Water	8260B	
720-154-7	SCIMW-22	Water	8260B	
Analysis Batch:720-1063				
LCS 720-1063/11	Lab Control Spike	Water	8260B	
MB 720-1063/12	Method Blank	Water	8260B	
720-154-16	SCIMW-11	Water	8260B	
Analysis Batch:720-859				
LCS 720-898/2-A	Lab Control Spike	Waste	8260B	720-898
LCSD 720-898/3-A	Lab Control Spike Duplicate	Waste	8260B	720-898
MB 720-898/1-A	Method Blank	Waste	8260B	720-898
720-154-14	MW-4 FREE PRODUCT	Waste	8260B	720-898

Client: Fugro West Incorporated

Job Number: 720-154-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC VOA				
Analysis Batch:720-956				
LCS 720-956/2	Lab Control Spike	Water	8015B	
MB 720-956/1	Method Blank	Water	8015B	
720-154-1	SCIMW-24	Water	8015B	
720-154-3	SCIMW-34	Water	8015B	
720-154-3MS	Matrix Spike	Water	8015B	
720-154-3MSD	Matrix Spike Duplicate	Water	8015B	
720-154-4	SCIMW-35	Water	8015B	
720-154-6	SCIMW-7	Water	8015B	
720-154-10	SCIMW-26	Water	8015B	
720-154-16	SCIMW-11	Water	8015B	
Prep Batch: 720-1176				
LCS 720-1176/2-A	Lab Control Spike	Waste	5030B	
LCSD 720-1176/3-A	Lab Control Spike Duplicate	Waste	5030B	
MB 720-1176/1-A	Method Blank	Waste	5030B	
720-154-14	MW-4 FREE PRODUCT	Waste	5030B	
Analysis Batch:720-1177				
LCS 720-1176/2-A	Lab Control Spike	Waste	8015B	720-1176
LCSD 720-1176/3-A	Lab Control Spike Duplicate	Waste	8015B	720-1176
MB 720-1176/1-A	Method Blank	Waste	8015B	720-1176
720-154-14	MW-4 FREE PRODUCT	Waste	8015B	720-1176

Client: Fugro West Incorporated

Job Number: 720-154-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC Semi VOA				
Prep Batch: 720-997				
LCS 720-997/8-B	Lab Control Spike	Water	3630C	
LCSD 720-997/9-B	Lab Control Spike Duplicate	Water	3630C	
MB 720-997/7-B	Method Blank	Water	3630C	
720-154-15	MW-5	Water	3630C	
720-154-16	SCIMW-11	Water	3630C	
720-154-17	SCIMW-8	Water	3630C	
720-154-18	SCIMW-9	Water	3630C	
720-154-19	SCIMW-13	Water	3630C	
720-154-20	SCIMW-3	Water	3630C	
Prep Batch: 720-998				
LCS 720-998/3-A	Lab Control Spike	Waste	3580A	
LCSD 720-998/4-A	Lab Control Spike Duplicate	Waste	3580A	
MB 720-998/2-A	Method Blank	Waste	3580A	
720-154-14	MW-4 FREE PRODUCT	Waste	3580A	
Prep Batch: 720-1042				
LCS 720-1042/3-A	Lab Control Spike	Water	3510C	
LCSD 720-1042/4-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-1042/2-A	Method Blank	Water	3510C	
720-154-13	SCIMW-33	Water	3510C	
Prep Batch: 720-1066				
LCS 720-1066/2-B	Lab Control Spike	Water	3630C	
LCSD 720-1066/3-B	Lab Control Spike Duplicate	Water	3630C	
MB 720-1066/1-B	Method Blank	Water	3630C	
720-154-1	SCIMW-24	Water	3630C	
720-154-2	SCIMW-2	Water	3630C	
720-154-3	SCIMW-34	Water	3630C	
720-154-4	SCIMW-35	Water	3630C	
720-154-6	SCIMW-7	Water	3630C	
720-154-11	SCIMW-15	Water	3630C	
720-154-12	SCIMW-29	Water	3630C	
720-154-13	SCIMW-33	Water	3630C	
Prep Batch: 720-1089				
LCS 720-1089/3-A	Lab Control Spike	Water	3510C	
LCSD 720-1089/4-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-1089/2-A	Method Blank	Water	3510C	
720-154-6	SCIMW-7	Water	3510C	

Client: Fugro West Incorporated

Job Number: 720-154-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC Semi VOA				
Analysis Batch:720-1120				
LCS 720-997/8-B	Lab Control Spike	Water	8015B	720-997
LCSD 720-997/9-B	Lab Control Spike Duplicate	Water	8015B	720-997
MB 720-997/7-B	Method Blank	Water	8015B	720-997
720-154-15	MW-5	Water	8015B	720-997
720-154-16	SCIMW-11	Water	8015B	720-997
720-154-17	SCIMW-8	Water	8015B	720-997
720-154-18	SCIMW-9	Water	8015B	720-997
720-154-19	SCIMW-13	Water	8015B	720-997
720-154-20	SCIMW-3	Water	8015B	720-997
Analysis Batch:720-1055				
LCS 720-998/3-A	Lab Control Spike	Waste	8015B	720-998
LCSD 720-998/4-A	Lab Control Spike Duplicate	Waste	8015B	720-998
MB 720-998/2-A	Method Blank	Waste	8015B	720-998
720-154-14	MW-4 FREE PRODUCT	Waste	8015B	720-998
Analysis Batch:720-1107				
LCS 720-1042/3-A	Lab Control Spike	Water	8081A	720-1042
LCSD 720-1042/4-A	Lab Control Spike Duplicate	Water	8081A	720-1042
MB 720-1042/2-A	Method Blank	Water	8081A	720-1042
720-154-13	SCIMW-33	Water	8081A	720-1042
Analysis Batch:720-1185				
LCS 720-1066/2-B	Lab Control Spike	Water	8015B	720-1066
LCSD 720-1066/3-B	Lab Control Spike Duplicate	Water	8015B	720-1066
MB 720-1066/1-B	Method Blank	Water	8015B	720-1066
720-154-1	SCIMW-24	Water	8015B	720-1066
720-154-2	SCIMW-2	Water	8015B	720-1066
720-154-3	SCIMW-34	Water	8015B	720-1066
720-154-4	SCIMW-35	Water	8015B	720-1066
720-154-6	SCIMW-7	Water	8015B	720-1066
720-154-11	SCIMW-15	Water	8015B	720-1066
720-154-12	SCIMW-29	Water	8015B	720-1066
720-154-13	SCIMW-33	Water	8015B	720-1066
Analysis Batch:720-1112				
LCS 720-1089/3-A	Lab Control Spike	Water	8081A	720-1089
LCSD 720-1089/4-A	Lab Control Spike Duplicate	Water	8081A	720-1089
MB 720-1089/2-A	Method Blank	Water	8081A	720-1089
720-154-6	SCIMW-7	Water	8081A	720-1089

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-1063

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-1063/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2005 1825
Date Prepared: 10/18/2005 1825

Analysis Batch: 720-1063
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200510\1(
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	109	79 - 118
1,2-Dichloroethane-d4	111	73 - 130
Toluene-d8	110	77 - 121

Laboratory Control Sample - Batch: 720-1063

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 720-1063/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2005 1752
Date Prepared: 10/18/2005 1752

Analysis Batch: 720-1063
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200510\1(
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	20.0	19	97	69 - 129	
Toluene	20.0	19	97	70 - 130	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	104	79 - 118
1,2-Dichloroethane-d4	98	73 - 130
Toluene-d8	108	77 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-898

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-898/1-A
Client Matrix: Waste
Dilution: 200
Date Analyzed: 10/11/2005 1109
Date Prepared: 10/11/2005 1000

Analysis Batch: 720-859
Prep Batch: 720-898
Units: ug/Kg

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200510\1(
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		1000
Benzene	ND		1000
Ethylbenzene	ND		1000
Toluene	ND		1000
Xylenes, Total	ND		2000

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	110	60 - 140
1,2-Dichloroethane-d4	91	60 - 140
Toluene-d8	93	70 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-898

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-898/2-A
Client Matrix: Waste
Dilution: 200
Date Analyzed: 10/11/2005 1003
Date Prepared: 10/11/2005 1000

Analysis Batch: 720-859
Prep Batch: 720-898
Units: ug/Kg

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200510\101105
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-898/3-A
Client Matrix: Waste
Dilution: 200
Date Analyzed: 10/11/2005 1216
Date Prepared: 10/11/2005 1000

Analysis Batch: 720-859
Prep Batch: 720-898
Units: ug/Kg

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200510\101105\
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	93	89	69 - 129	5	20		
Toluene	88	82	70 - 130	7	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	110	103	60 - 140
1,2-Dichloroethane-d4	83	83	60 - 140
Toluene-d8	98	91	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-912

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-912/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/11/2005 1520
Date Prepared: 10/11/2005 1520

Analysis Batch: 720-912
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101105\mb
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		0.50
Dichlorobromomethane	ND		0.50
Bromobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Bromoform	ND		0.50
Bromomethane	ND		1.0
Methyl Ethyl Ketone	ND		50
n-Butylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
tert-Butylbenzene	ND		1.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		0.50
Chlorobenzene	ND		0.50
Chloroethane	ND		1.0
Chloroform	ND		1.0
Chloromethane	ND		1.0
2-Chlorotoluene	ND		0.50
4-Chlorotoluene	ND		0.50
Chlorodibromomethane	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,3-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
1,3-Dichloropropane	ND		1.0
1,1-Dichloropropene	ND		0.50
1,2-Dibromo-3-Chloropropane	ND		1.0
Ethylene Dibromide	ND		0.50
Dibromomethane	ND		0.50
Dichlorodifluoromethane	ND		0.50
1,1-Dichloroethane	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1-Dichloroethene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloropropane	ND		0.50
cis-1,3-Dichloropropene	ND		0.50
trans-1,3-Dichloropropene	ND		0.50
Ethylbenzene	ND		0.50
Hexachlorobutadiene	ND		1.0
2-Hexanone	ND		50
Isopropylbenzene	ND		0.50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-912

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-912/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/11/2005 1520
Date Prepared: 10/11/2005 1520

Analysis Batch: 720-912
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101105\mb
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
4-Isopropyltoluene	ND		1.0
Methylene Chloride	ND		5.0
methyl isobutyl ketone	ND		50
Naphthalene	ND		1.0
N-Propylbenzene	ND		1.0
Styrene	ND		0.50
1,1,1,2-Tetrachloroethane	ND		0.50
1,1,2,2-Tetrachloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Toluene	ND		0.50
1,2,3-Trichlorobenzene	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,1,1-Trichloroethane	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Trichloroethene	ND		0.50
Trichlorofluoromethane	ND		1.0
1,2,3-Trichloropropane	ND		0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50
1,2,4-Trimethylbenzene	ND		0.50
1,3,5-Trimethylbenzene	ND		0.50
Vinyl acetate	ND		25
Vinyl chloride	ND		0.50
Xylenes, Total	ND		1.0
2,2-Dichloropropane	ND		0.50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	99	79 - 118
1,2-Dichloroethane-d4	98	73 - 130
Toluene-d8	96	77 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-912

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-912/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/11/2005 1447
Date Prepared: 10/11/2005 1447

Analysis Batch: 720-912
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101105\ls-wa-5-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-912/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/11/2005 1848
Date Prepared: 10/11/2005 1848

Analysis Batch: 720-912
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101105\ld-wa-5-1
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	91	96	69 - 129	5	20		
Chlorobenzene	103	106	61 - 121	3	20		
1,1-Dichloroethene	88	94	65 - 125	6	20		
Toluene	94	97	70 - 130	3	20		
Trichloroethene	83	85	74 - 134	2	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	101	98	79 - 118
1,2-Dichloroethane-d4	92	93	73 - 130
Toluene-d8	94	94	77 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-916

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-916/16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/12/2005 1220
Date Prepared: 10/12/2005 1220

Analysis Batch: 720-916
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101205\MB
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		5.0
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	100	79 - 118
1,2-Dichloroethane-d4	90	73 - 130
Toluene-d8	92	77 - 121

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	101	99	79 - 118
1,2-Dichloroethane-d4	90	89	73 - 130
Toluene-d8	92	92	77 - 121

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	99	99	79 - 118
1,2-Dichloroethane-d4	92	92	73 - 130
Toluene-d8	94	93	77 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-959

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-959/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/13/2005 1120
Date Prepared: 10/13/2005 1120

Analysis Batch: 720-959
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101305\MB
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	97	79 - 118
1,2-Dichloroethane-d4	89	73 - 130
Toluene-d8	92	77 - 121

Laboratory Control Sample - Batch: 720-959

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 720-959/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/13/2005 1047
Date Prepared: 10/13/2005 1047

Analysis Batch: 720-959
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2K3
Lab File ID: d:\data\200510\101305\LS-
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	20.0	17	85	69 - 129	
Chlorobenzene	20.0	20	100	61 - 121	
1,1-Dichloroethene	20.0	17	84	65 - 125	
Toluene	20.0	18	88	70 - 130	
Trichloroethene	20.0	16	78	74 - 134	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	79 - 118
1,2-Dichloroethane-d4	89	73 - 130
Toluene-d8	93	77 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-1176

Method: 8015B
Preparation: 5030B

Lab Sample ID: MB 720-1176/1-A
Client Matrix: Waste
Dilution: 100
Date Analyzed: 10/18/2005 1948
Date Prepared: 10/18/2005 1410

Analysis Batch: 720-1177
Prep Batch: 720-1176
Units: mg/Kg

Instrument ID: GC 5
Lab File ID: N/A
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
GRO (C5-C12)	ND		130

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	87	58 - 124

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-1176

Method: 8015B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-1176/2-A
Client Matrix: Waste
Dilution: 100
Date Analyzed: 10/18/2005 2109
Date Prepared: 10/18/2005 1410

Analysis Batch: 720-1177
Prep Batch: 720-1176
Units: mg/Kg

Instrument ID: GC 5
Lab File ID: N/A
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-1176/3-A
Client Matrix: Waste
Dilution: 100
Date Analyzed: 10/18/2005 2136
Date Prepared: 10/18/2005 1410

Analysis Batch: 720-1177
Prep Batch: 720-1176
Units: mg/Kg

Instrument ID: GC 5
Lab File ID: N/A
Initial Weight/Volume: 4 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
GRO (C5-C12)	94	96	75 - 125	25	35		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	115	112	58 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-956

Method: 8015B
Preparation: 5030B

Lab Sample ID: MB 720-956/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/13/2005 1009
Date Prepared: 10/13/2005 1009

Analysis Batch: 720-956
Prep Batch: N/A
Units: ug/L

Instrument ID: PID/FID Gas/Btex
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	106	50 - 150

Laboratory Control Sample - Batch: 720-956

Method: 8015B
Preparation: 5030B

Lab Sample ID: LCS 720-956/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/14/2005 1043
Date Prepared: 10/14/2005 1043

Analysis Batch: 720-956
Prep Batch: N/A
Units: ug/L

Instrument ID: PID/FID Gas/Btex
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C5-C12	250	270	108	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-956

Method: 8015B
Preparation: 5030B

MS Lab Sample ID:	720-154-3	Analysis Batch: 720-956	Instrument ID: PID/FID Gas/Btex
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	10/13/2005 1931		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2005 1931		Injection Volume:
			Column ID: PRIMARY
MSD Lab Sample ID:	720-154-3	Analysis Batch: 720-956	Instrument ID: PID/FID Gas/Btex
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	10/13/2005 2004		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2005 2004		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Gasoline Range Organics (GRO)-C5-C12	89	92	65 - 135	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-1066

Method: 8015B
Preparation: 3630C

Lab Sample ID: MB 720-1066/1-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/20/2005 1145
Date Prepared: 10/19/2005 0857

Analysis Batch: 720-1185
Prep Batch: 720-1066
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	80	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-1066

Method: 8015B
Preparation: 3630C

LCS Lab Sample ID: LCS 720-1066/2-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/20/2005 1213
Date Prepared: 10/19/2005 0857

Analysis Batch: 720-1185
Prep Batch: 720-1066
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-1066/3-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/20/2005 1239
Date Prepared: 10/19/2005 0857

Analysis Batch: 720-1185
Prep Batch: 720-1066
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	71	79	60 - 130	10	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	82	88	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-997

Method: 8015B
Preparation: 3630C

Lab Sample ID: MB 720-997/7-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2005 1203
Date Prepared: 10/17/2005 1338

Analysis Batch: 720-1120
Prep Batch: 720-997
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	72	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-997

Method: 8015B
Preparation: 3630C

LCS Lab Sample ID: LCS 720-997/8-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2005 1108
Date Prepared: 10/17/2005 1338

Analysis Batch: 720-1120
Prep Batch: 720-997
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-997/9-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2005 1136
Date Prepared: 10/17/2005 1338

Analysis Batch: 720-1120
Prep Batch: 720-997
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	77	77	60 - 130	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	77	76	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-998

Method: 8015B
Preparation: 3580A

Lab Sample ID: MB 720-998/2-A
Client Matrix: Waste
Dilution: 1.0
Date Analyzed: 10/17/2005 1528
Date Prepared: 10/17/2005 1340

Analysis Batch: 720-1055
Prep Batch: 720-998
Units: mg/Kg

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: .2 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	420		300
Motor Oil Range Organics [C24-C36]	ND		3000

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	87	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-998

Method: 8015B
Preparation: 3580A

LCS Lab Sample ID: LCS 720-998/3-A
Client Matrix: Waste
Dilution: 1.0
Date Analyzed: 10/17/2005 1435
Date Prepared: 10/17/2005 1340

Analysis Batch: 720-1055
Prep Batch: 720-998
Units: mg/Kg

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-998/4-A
Client Matrix: Waste
Dilution: 1.0
Date Analyzed: 10/17/2005 1502
Date Prepared: 10/17/2005 1340

Analysis Batch: 720-1055
Prep Batch: 720-998
Units: mg/Kg

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	109	109	60 - 130	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	94	92	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-1042

Method: 8081A
Preparation: 3510C

Lab Sample ID: MB 720-1042/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/19/2005 0604
Date Prepared: 10/18/2005 1222

Analysis Batch: 720-1107
Prep Batch: 720-1042
Units: ug/L

Instrument ID: Varian Pest 1
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Aldrin	ND		0.060
Dieldrin	ND		0.060
Endrin aldehyde	ND		0.060
Endrin	ND		0.060
Endrin ketone	ND		0.060
Heptachlor	ND		0.060
Heptachlor epoxide	ND		0.060
4,4'-DDT	ND		0.060
4,4'-DDE	ND		0.060
4,4'-DDD	ND		0.060
Endosulfan I	ND		0.060
Endosulfan II	ND		0.060
alpha-BHC	ND		0.060
beta-BHC	ND		0.060
gamma-BHC (Lindane)	ND		0.060
delta-BHC	ND		0.060
Endosulfan sulfate	ND		0.060
Methoxychlor	ND		0.060
Toxaphene	ND		1.0
Chlordane (technical)	ND		1.0
alpha-Chlordane	ND		0.060
gamma-Chlordane	ND		0.060

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	97	62 - 123
DCB Decachlorobiphenyl	90	56 - 136

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-1042

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID: LCS 720-1042/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/19/2005 0626
Date Prepared: 10/18/2005 1222

Analysis Batch: 720-1107
Prep Batch: 720-1042
Units: ug/L

Instrument ID: Varian Pest 1
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-1042/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/19/2005 0649
Date Prepared: 10/18/2005 1222

Analysis Batch: 720-1107
Prep Batch: 720-1042
Units: ug/L

Instrument ID: Varian Pest 1
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aldrin	108	111	65 - 135	3	35		
Dieldrin	110	107	65 - 135	3	35		
Endrin	110	105	65 - 135	4	35		
Heptachlor	110	109	65 - 135	1	35		
4,4'-DDT	127	114	65 - 135	11	35		
gamma-BHC (Lindane)	110	109	65 - 135	0	35		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	104	102	62 - 123
DCB Decachlorobiphenyl	96	105	56 - 136

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Method Blank - Batch: 720-1089

Method: 8081A
Preparation: 3510C

Lab Sample ID: MB 720-1089/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/20/2005 0150
Date Prepared: 10/19/2005 1540

Analysis Batch: 720-1112
Prep Batch: 720-1089
Units: ug/L

Instrument ID: Varian Pest 1
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Aldrin	ND		0.060
Dieldrin	ND		0.060
Endrin aldehyde	ND		0.060
Endrin	ND		0.060
Endrin ketone	ND		0.060
Heptachlor	ND		0.060
Heptachlor epoxide	ND		0.060
4,4'-DDT	ND		0.060
4,4'-DDE	ND		0.060
4,4'-DDD	ND		0.060
Endosulfan I	ND		0.060
Endosulfan II	ND		0.060
alpha-BHC	ND		0.060
beta-BHC	ND		0.060
gamma-BHC (Lindane)	ND		0.060
delta-BHC	ND		0.060
Endosulfan sulfate	ND		0.060
Methoxychlor	ND		0.060
Toxaphene	ND		1.0
Chlordane (technical)	ND		1.0
alpha-Chlordane	ND		0.060
gamma-Chlordane	ND		0.060

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	94	62 - 123
DCB Decachlorobiphenyl	104	56 - 136

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fugro West Incorporated

Job Number: 720-154-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-1089

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID: LCS 720-1089/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/20/2005 0213
Date Prepared: 10/19/2005 1540

Analysis Batch: 720-1112
Prep Batch: 720-1089
Units: ug/L

Instrument ID: Varian Pest 1
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-1089/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/20/2005 0236
Date Prepared: 10/19/2005 1540

Analysis Batch: 720-1112
Prep Batch: 720-1089
Units: ug/L

Instrument ID: Varian Pest 1
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aldrin	97	92	65 - 135	5	35		
Dieldrin	92	81	65 - 135	13	35		
Endrin	94	78	65 - 135	19	35		
Heptachlor	101	87	65 - 135	14	35		
4,4'-DDT	100	89	65 - 135	12	35		
gamma-BHC (Lindane)	98	84	65 - 135	15	35		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	87	85	62 - 123
DCB Decachlorobiphenyl	93	89	56 - 136

Calculations are performed before rounding to avoid round-off errors in calculated results.

CHAIN OF CUSTODY

1000214

PROJECT NAME: 9th Avenue Terminal - KOT

POJECT NO.: 133.023 LAB: STL

PROJECT CONTACT: Melissa L. Pleva TURNAROUND: Standard (5day)

SAMPLED BY: Melissa L. Pleva REQUESTED BY: Melissa L. Pleva

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX				CONTAINERS						PRESERVATIVE						SAMPLING DATE										NOTES	ANALYSIS REQUESTED										
		WATER	SOIL	AIR	Product	VOA	LITER	PINT	TUBE			HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	MONTH		DAY		YEAR		TIME					TEHd, mo w/ silica gel (8015m)	TVHg (8015m / 8020)	VOCs (8260 / 8040)	Pesticides (8080)	MTBE (8260)	TVHg, BTEX (8015m/8260)	Title 22 Metals (6010/ 7000) filtered				
	MW-4 (Free Product)				X	2									X			10		05		05		14		15		X				X	X					
	MW-5	X					1								X			10		05		05		15		00		X										
	SCI MW-1	X				3	1					X			X			10		05		05		15		20		X					X					
	SCI MW-8	X					1								X			10		05		05		16		00		X										
	SCI MW-9	X					1								X			10		05		05		16		10		X										
	SCI MW-13	X					1								X			10		05		05		16		20		X										
	SCI MW-3	X					1								X			10		05		05		16		30	*	X										
	TRIP BLANK-10SOS	X				2						X			X												①											

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CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
Melissa L. Pleva	10/07/05 1210	STL-SF	10/7/05 1210

COMMENTS & NOTES:

* Sheen on sample ① Hold

2°C

FUGRO WEST, INC.
1000 Broadway, Suite 200
Oakland, California 94607
Tel: 510.268.0461 Fax: 510.268.0137

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720-154

CHAIN OF CUSTODY

PROJECT NAME: 9th Avenue Terminal - KOT

POJECT NO.: 133.023 LAB: STL

PROJECT CONTACT: Melissa L. Pleva TURNAROUND: Standard (5day)

SAMPLED BY: Melissa L. Pleva REQUESTED BY: Melissa L. Pleva

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX				CONTAINERS						PRESERVATIVE						SAMPLING DATE										NOTES	ANALYSIS REQUESTED									
		WATER	SOIL	AIR		VOA	LITER	PINT	TUBE			HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	MONTH		DAY		YEAR		TIME					TEHd, mo w/ silica gel (8015m)	TVHg (8015m / 8020)	VOCs (8260 / 8040)	Pesticides (8080)	MTBE (8260)	TVHg, BTEX (8015m/8260)	Title 22 Metals (6010/ 7000) filtered				
	SCIMW-24	X				3	1								X			1	0	0	6	0	5	0	8	4	5	*	X				X	X				
	SCIMW-2	X					1								X			1	0	0	6	0	5	0	9	1	5		X									
	SCIMW-34					2	1								X			1	0	0	6	0	5	0	9	3	5		X	X								
	SCIMW-35	X				3	1								X			1	0	0	6	0	5	0	9	5	5		X				X					
	SCIMW-30	X				3									X			1	0	0	6	0	5	1	0	1	5				X							
	SCIMW-7	X				5	1								X			1	0	0	6	0	5	1	0	3	0		X	X	X	X						
	SCIMW-22	X				3									X			1	0	0	6	0	5	1	0	5	0											
	SCIMW-31D	X				3									X			1	0	0	6	0	5	1	1	1	5				X							
	SCIMW-31A	X				3									X			1	0	0	6	0	5	1	1	3	0				X							
	SCIMW-26	X				2									X			1	0	0	6	0	5	1	2	2	5			X								
	SCIMW-15	X					1								X			1	0	0	6	0	5	1	2	4	5		X									
	SCIMW-29	X					1								X			1	0	0	6	0	5	1	3	3	0		X									
	SCIMW-33	X				3	2								X			1	0	0	6	0	5	1	1	5	0		X		X	X						

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CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
Melissa L. Pleva	10/07/05 1210	STL-SF	10/7/05 1210
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME

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COMMENTS & NOTES:

VOAs ARE UNPRESERVED DUE TO SAMPLE REACTIVITY

* SCIMW-24 has Sheen

2°C

FUGRO WEST, INC.
1000 Broadway, Suite 200
Oakland, California 94607
Tel: 510.268.0461 Fax: 510.268.0137

Excel

100215

CHAIN OF CUSTODY

PROJECT NAME: 9th Avenue Terminal - KOT

POJECT NO.: 133.023 LAB: STL

PROJECT CONTACT: Melissa L. Pleva TURNAROUND: Standard (5day)

SAMPLED BY: Melissa L. Pleva REQUESTED BY: Melissa L. Pleva

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX				CONTAINERS						PRESERVATIVE						SAMPLING DATE				NOTES	ANALYSIS REQUESTED									
		WATER	SOIL	AIR		VOA	LITER	PINT	TUBE			HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	MONTH	DAY	YEAR	TIME		TEHd, mo w/ silica gel (8015m)	TVHg (8015m / 8020)	VOCs (8260 / 8040)	Pesticides (8080)	MTBE (8260)	TVHg, BTEX (8015m/8260)	Title 22 Metals (6010/ 7000) filtered			
	TRIP BLANK - ICOLCS	X				2						X			X							(1)									

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CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
Melissa L. Pleva	10/07/05 1210	BY STL-SF	10/7/05 1210
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME

g:/server migration/data/template/chain of custody

COMMENTS & NOTES:

(1) HOLD

2°C

FUGRO WEST, INC.
1000 Broadway, Suite 200
Oakland, California 94607
Tel: 510.268.0461 Fax: 510.268.0137

Excel

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Fugro West Incorporated

Job Number: 720-154-1

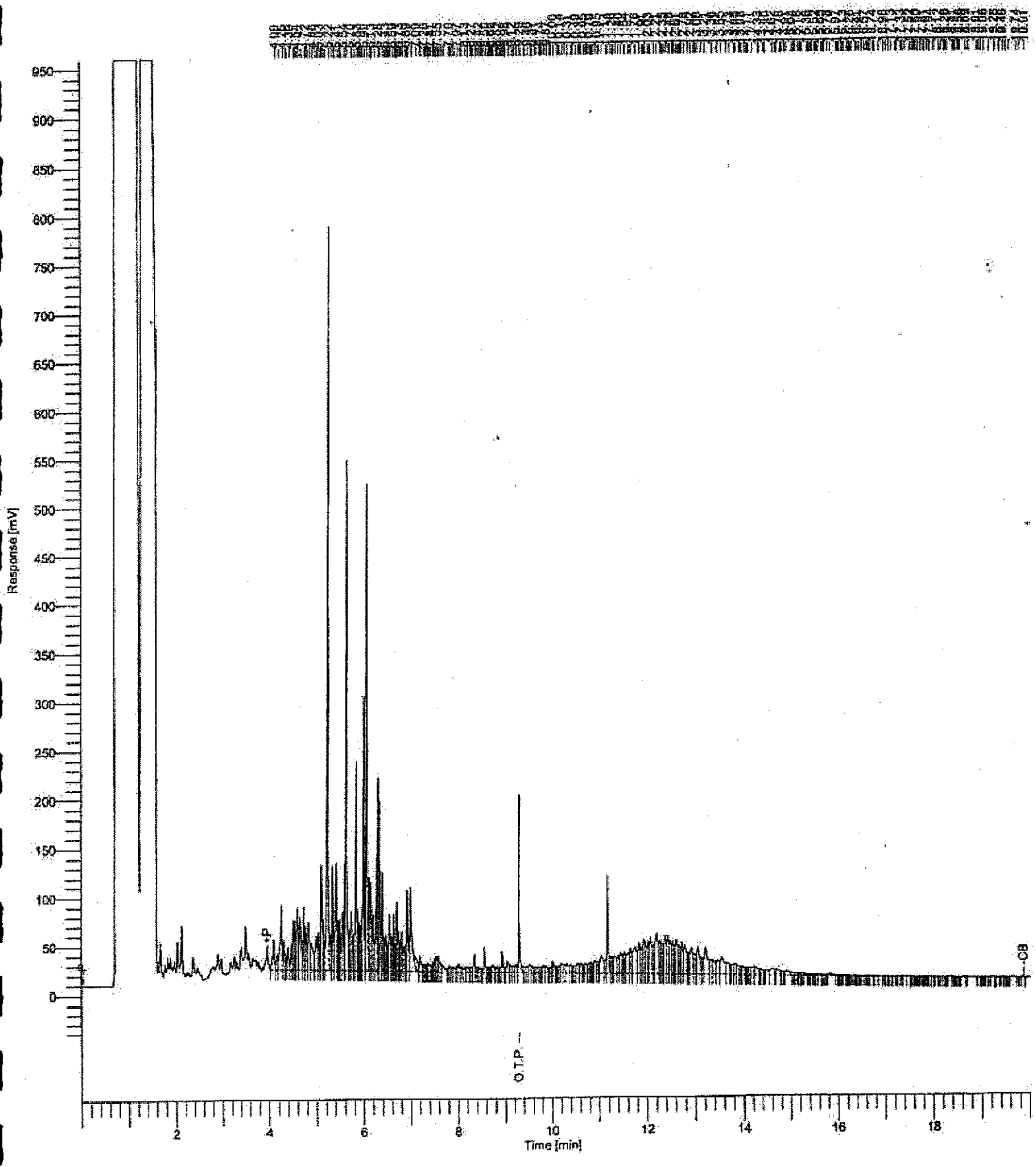
Login Number: 154

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present	True	
Samples do not require splitting or compositing	True	

Chromatogram

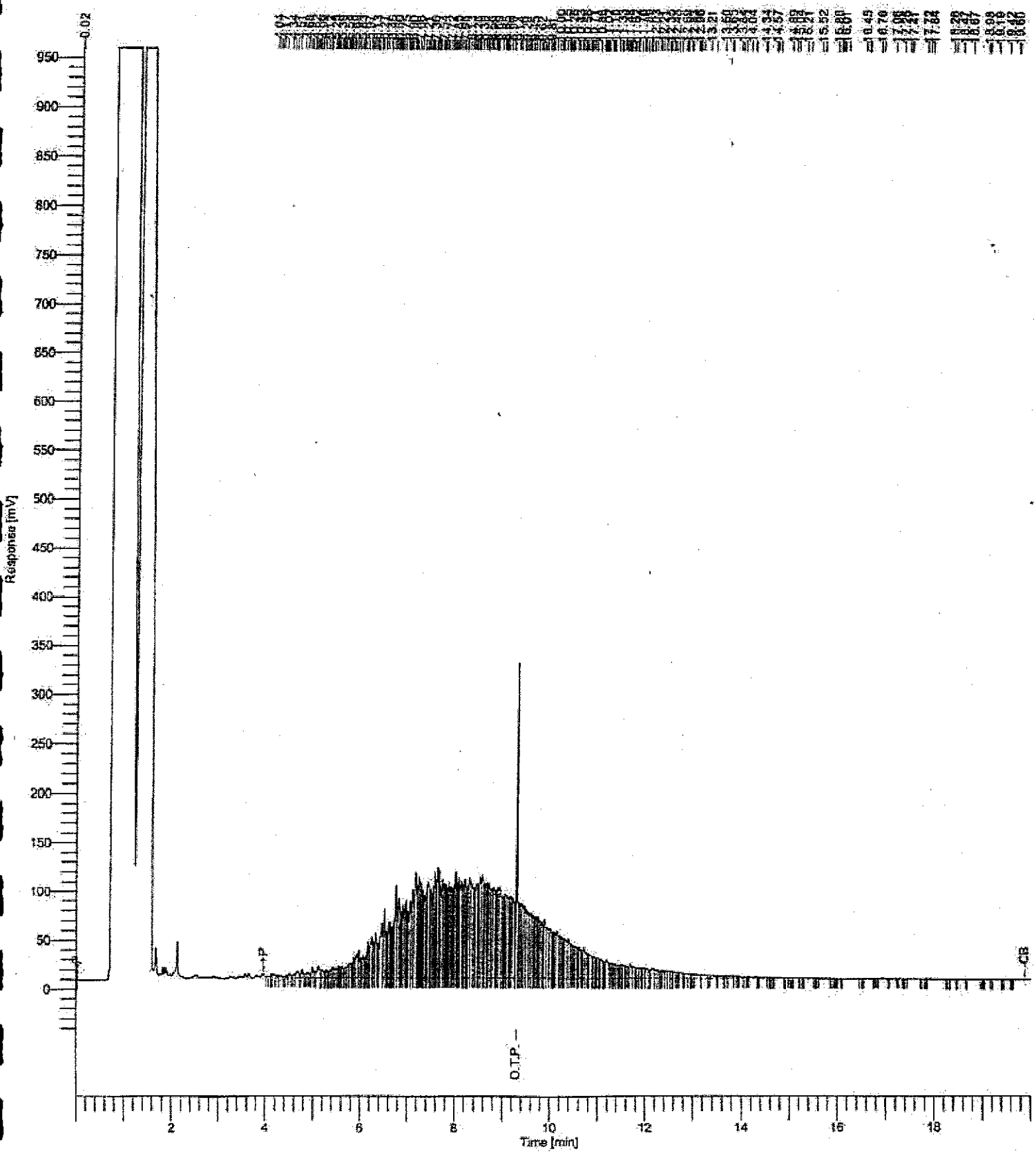
Sample Name : 720-154-D-1-B sg
FileName : e:\diesel1\20051020wsa\1020014.raw
Date : 10/20/2005 3:36:16 PM
Method : 6dro090905.mth
Start Time : 0.00 min End Time : 20.00 min
Plot Offset: -40.50 mV Plot Scale: 1000.0 mV

Sample #: 014 Page 1 of 1
Time of Injection: 10/20/2005 3:16:08 PM
Low Point : -40.50 mV High Point : 959.50 mV



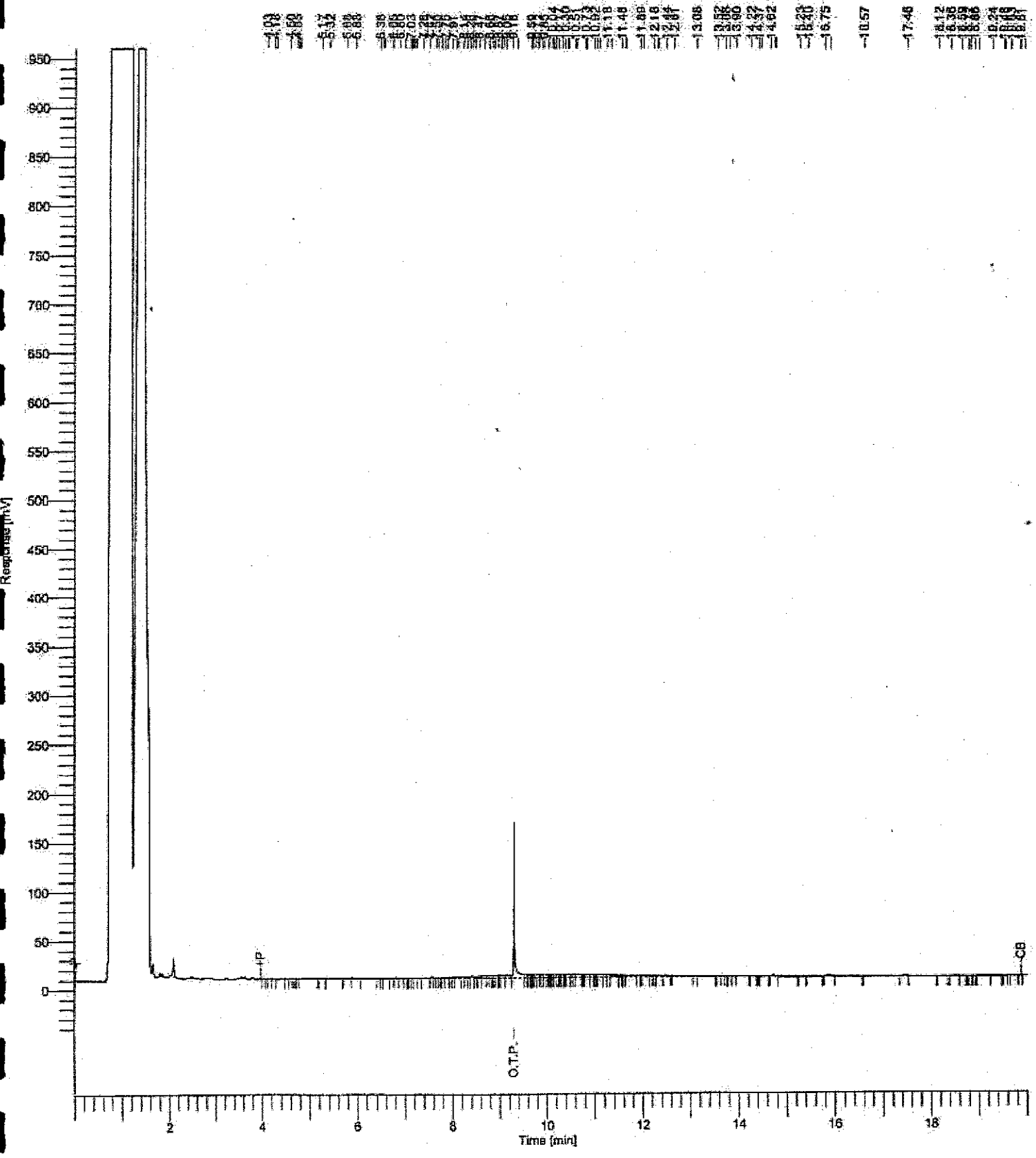
Chromatogram

Sample Name : 720-154-A-2-B sg Sample #: 015 Page 1 of 1
FileName : e:\diesel1\2005\10\raw\a1020915.raw
Date : 10/20/2005 4:04:52 PM
Method : 6dro090905.mth Time of Injection: 10/20/2005 3:44:44 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : -40.93 mV High Point : 959.07 mV
Plot Offset: -40.93 mV Plot Scale: 1000.0 mV



Chromatogram

Sample Name : 720-154-C-3-B.sg Sample #: 010 Page 1 of 1
FileName : e:\diesel1\200510\raw\e1020010.raw
Date : 10/20/2005 1:52:08 PM
Method : 6dro050905.mth Time of Injection: 10/20/2005 1:32:00 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : -40.09 mV High Point : 959.91 mV
Plot Offset: -40.09 mV Plot Scale: 1000.0 mV

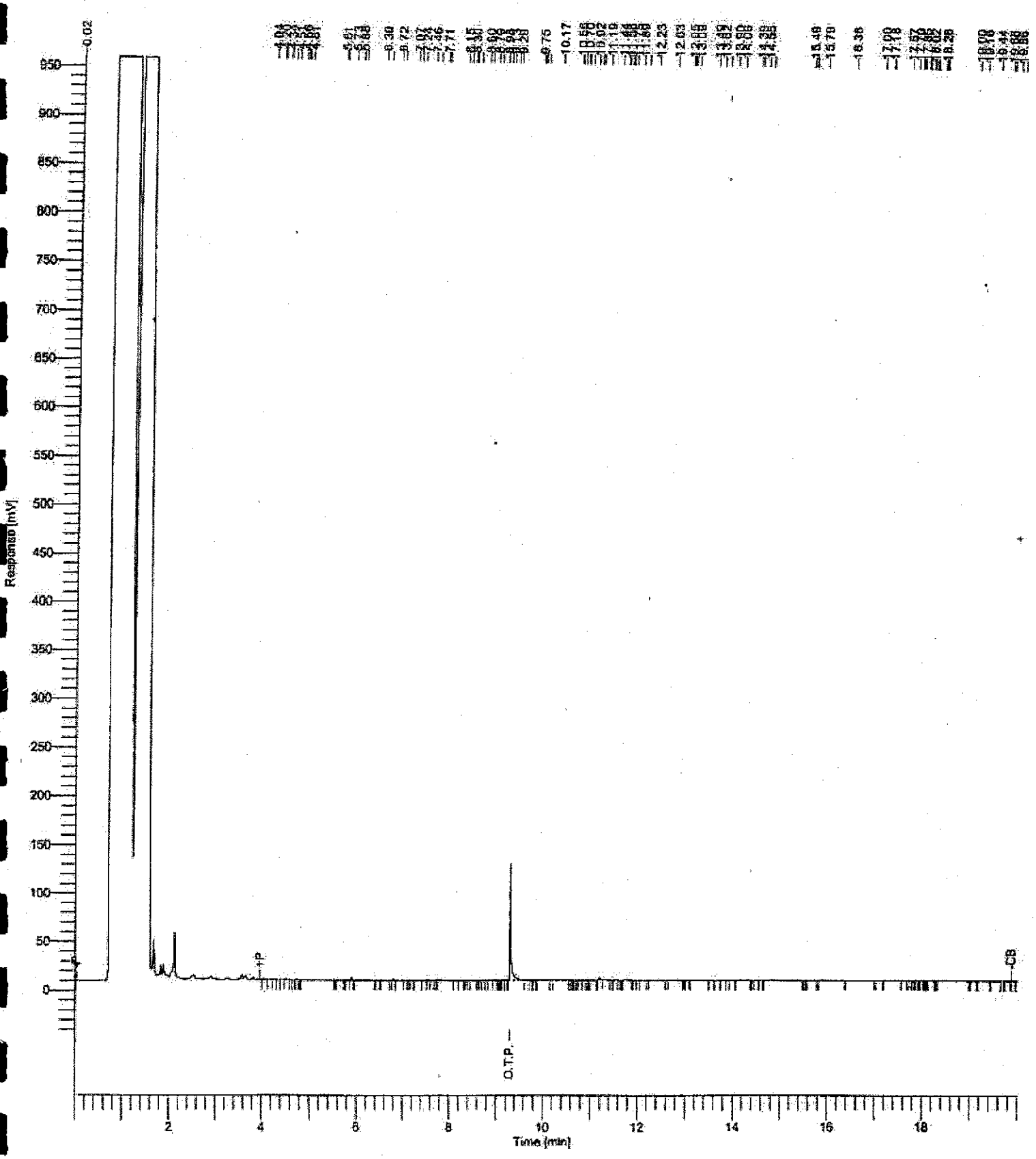


Chromatogram

Sample Name : 720-154-D-4-B sg
FileName : e:\diese1\200510\raw\a1020011.raw
Date : 10/20/2005 2:18:38 PM
Method : 6dso090905.mth
Start Time : 0.00 min End Time : 20.00 min
Plot Offset: -40.44 mV Plot Scale: 1000.0 mV

Sample #: 011 Page 1 of 1

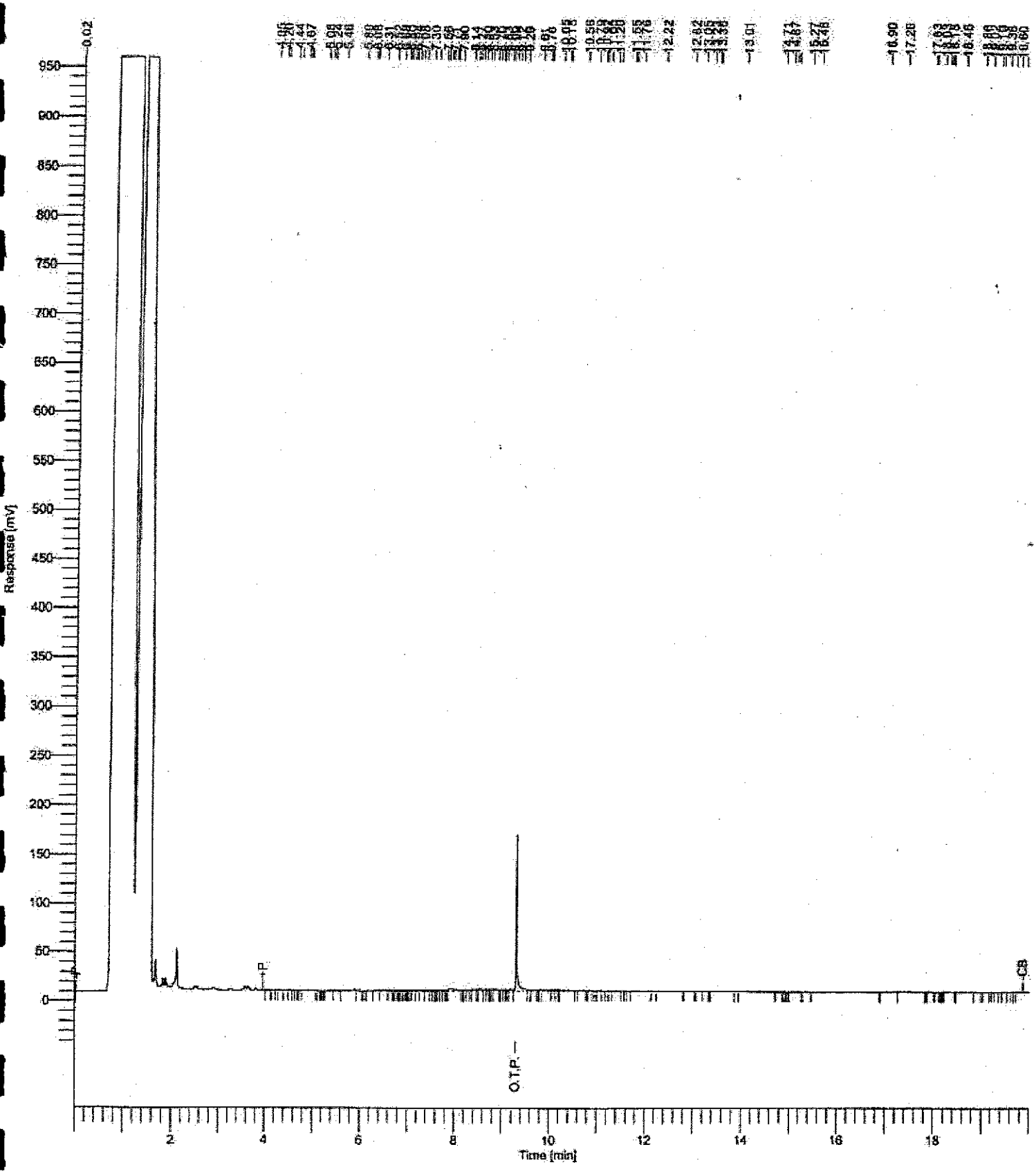
Time of Injection: 10/20/2005 1:58:31 PM
Low Point : -40.44 mV High Point : 959.56 mV



Chromatogram

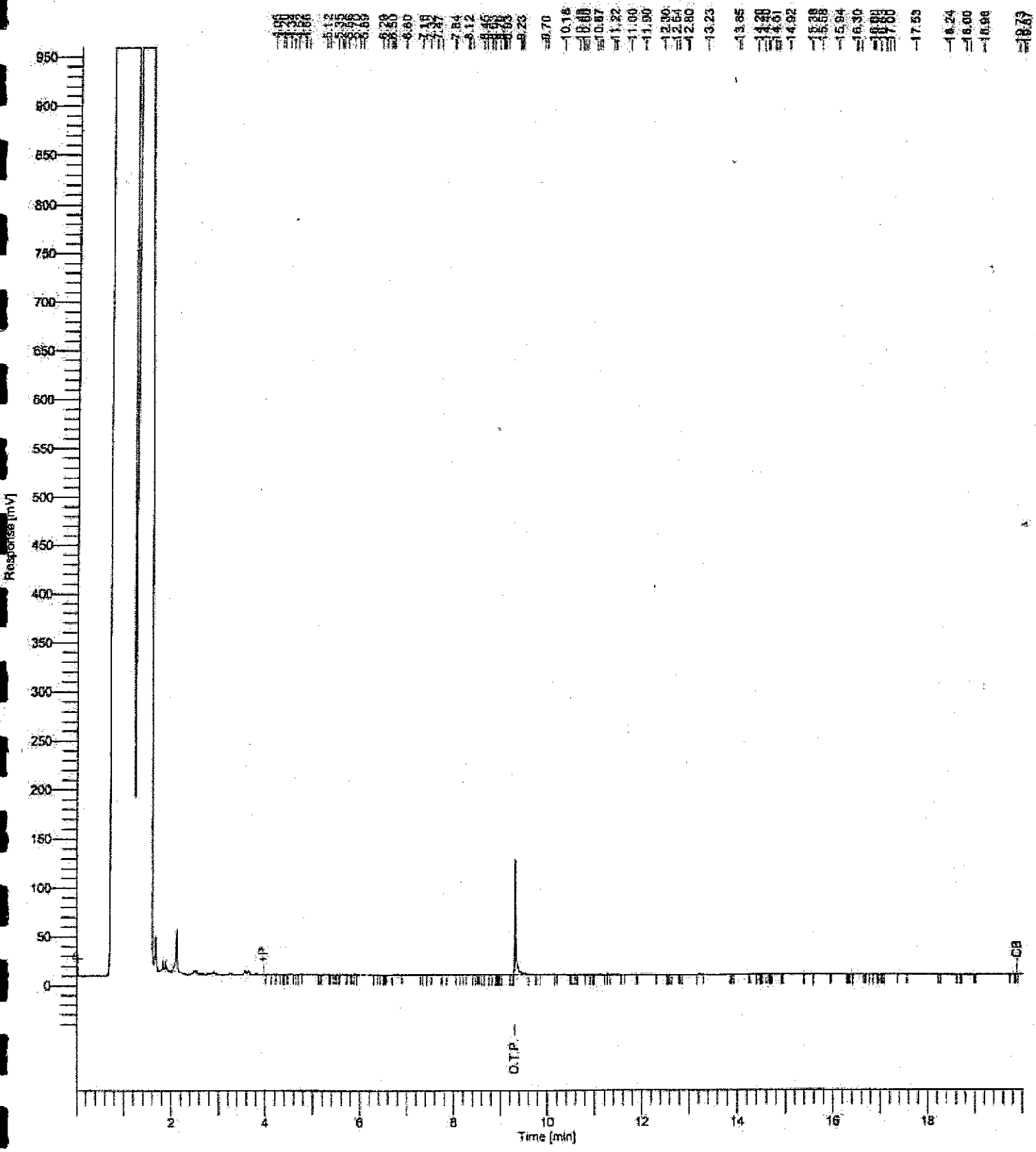
Sample Name : 720-154-A-11-D sg
FileName : e:\diesel1\200510\raw\a1020013.raw
Date : 10/20/2005 3:11:46 PM
Method : 6dro090905.mth
Start Time : 0.00 min
Plot Offset: -40.34 mV

Sample #: 013
Page 1 of 1
Time of Injection: 10/20/2005 2:51:39 PM
End Time : 20.00 min
Low Point : -40.34 mV
High Point : 959.66 mV
Plot Scale: 1000.0 mV



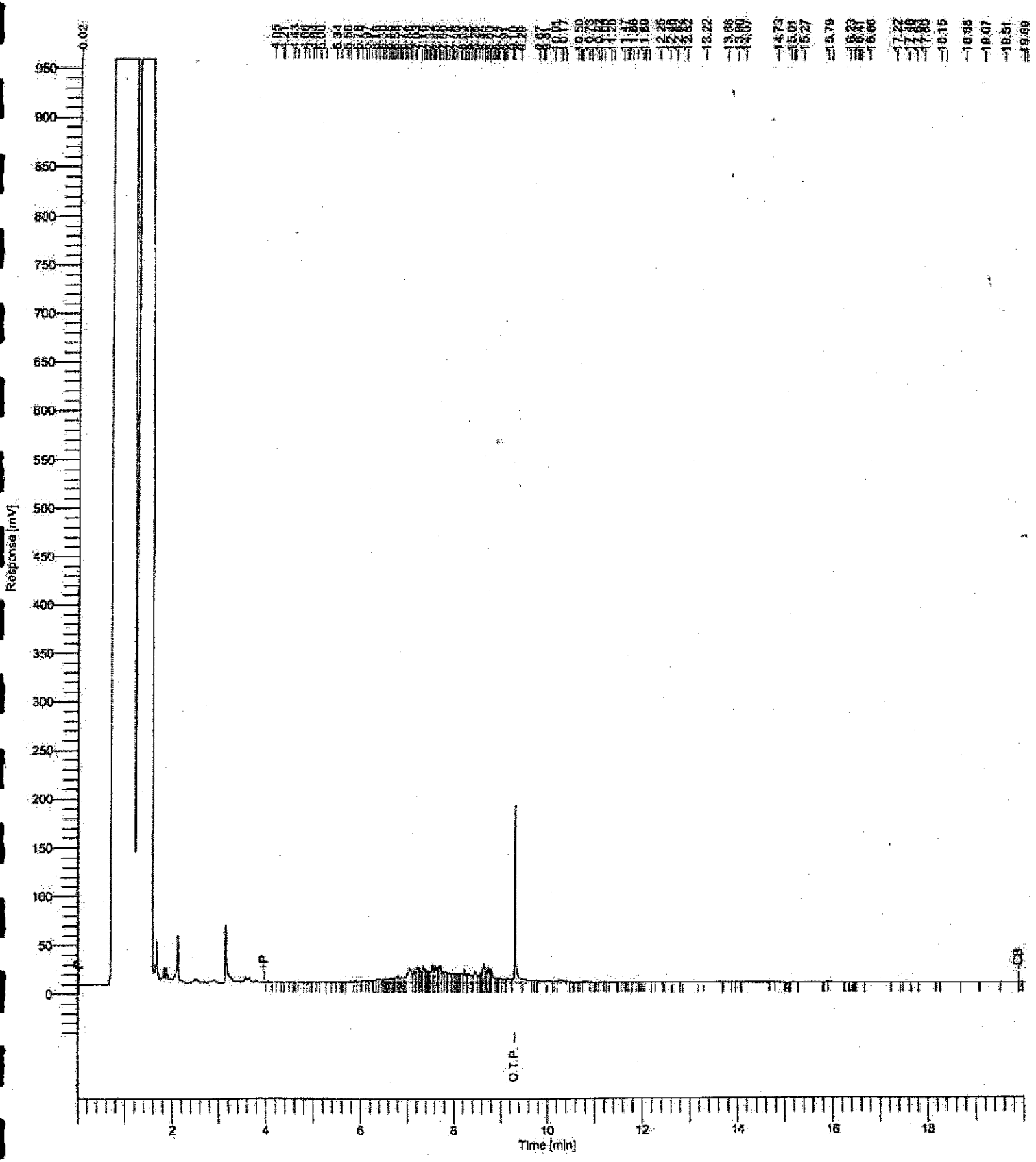
Chromatogram

Sample Name : 720-154-A-12-D sg Sample #: 008 Page 1 of 1
File Name : E:\Diesel1\20051\raw\a1020008.raw
Date : 10/20/2005 1:31:47 PM
Method : 8dro090905 Time of Injection: 10/20/2005 12:02:44 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : -40.44 mV High Point : 959.56 mV
Plot Offset: -40.44 mV Plot Scale: 1000.0 mV



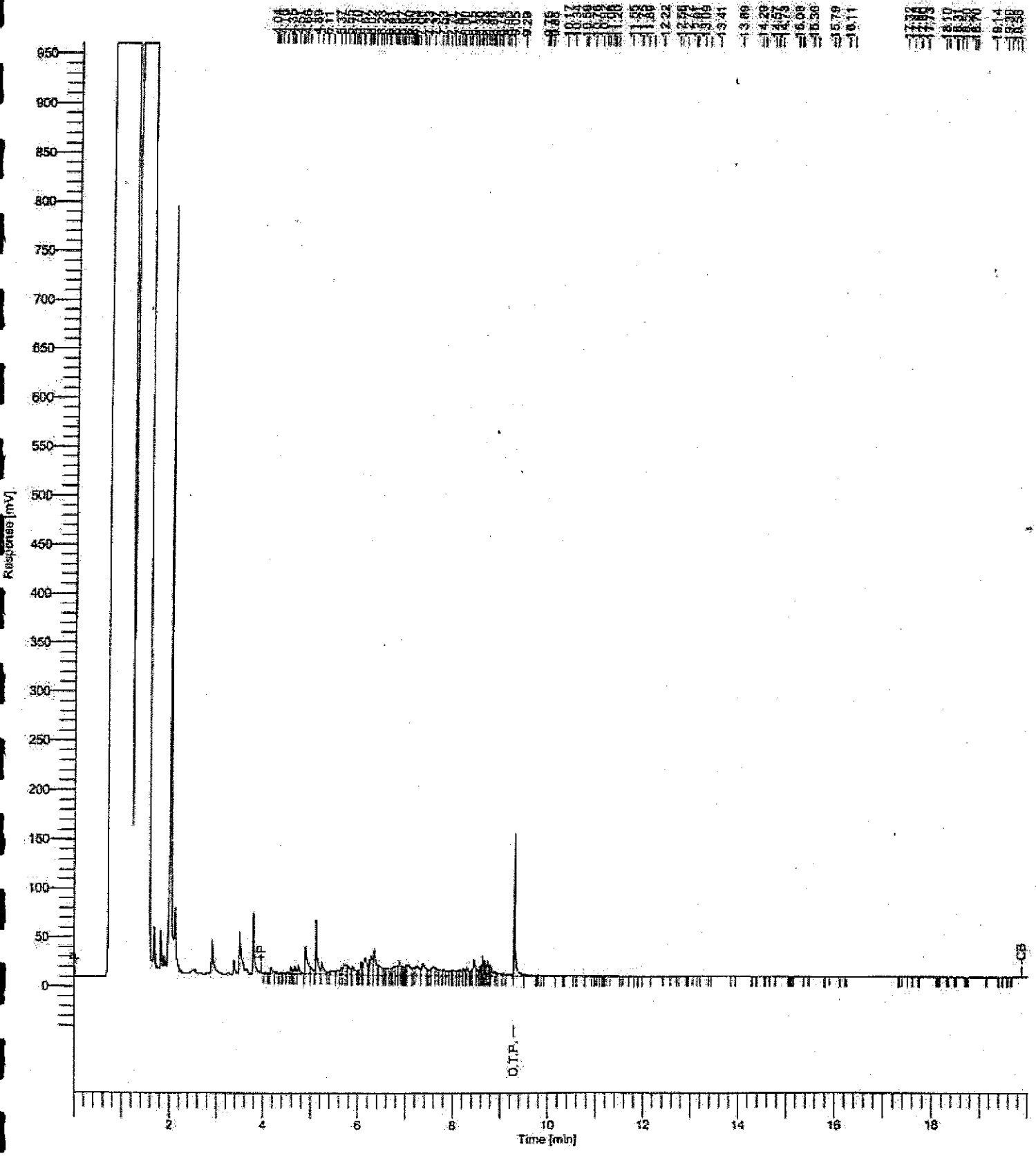
Chromatogram

Sample Name : 720-154-D-13-D sg Sample #: 009 Page 1 of 1
FileName : E:\Diesel1\200510\wawa1020009.raw
Date : 10/20/2005 1:33:15 PM
Method : 6dro090905 Time of Injection: 10/20/2005 12:29:18 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : -40.44 mV High Point : 959.56 mV
Plot Offset: -40.44 mV Plot Scale: 1000.0 mV



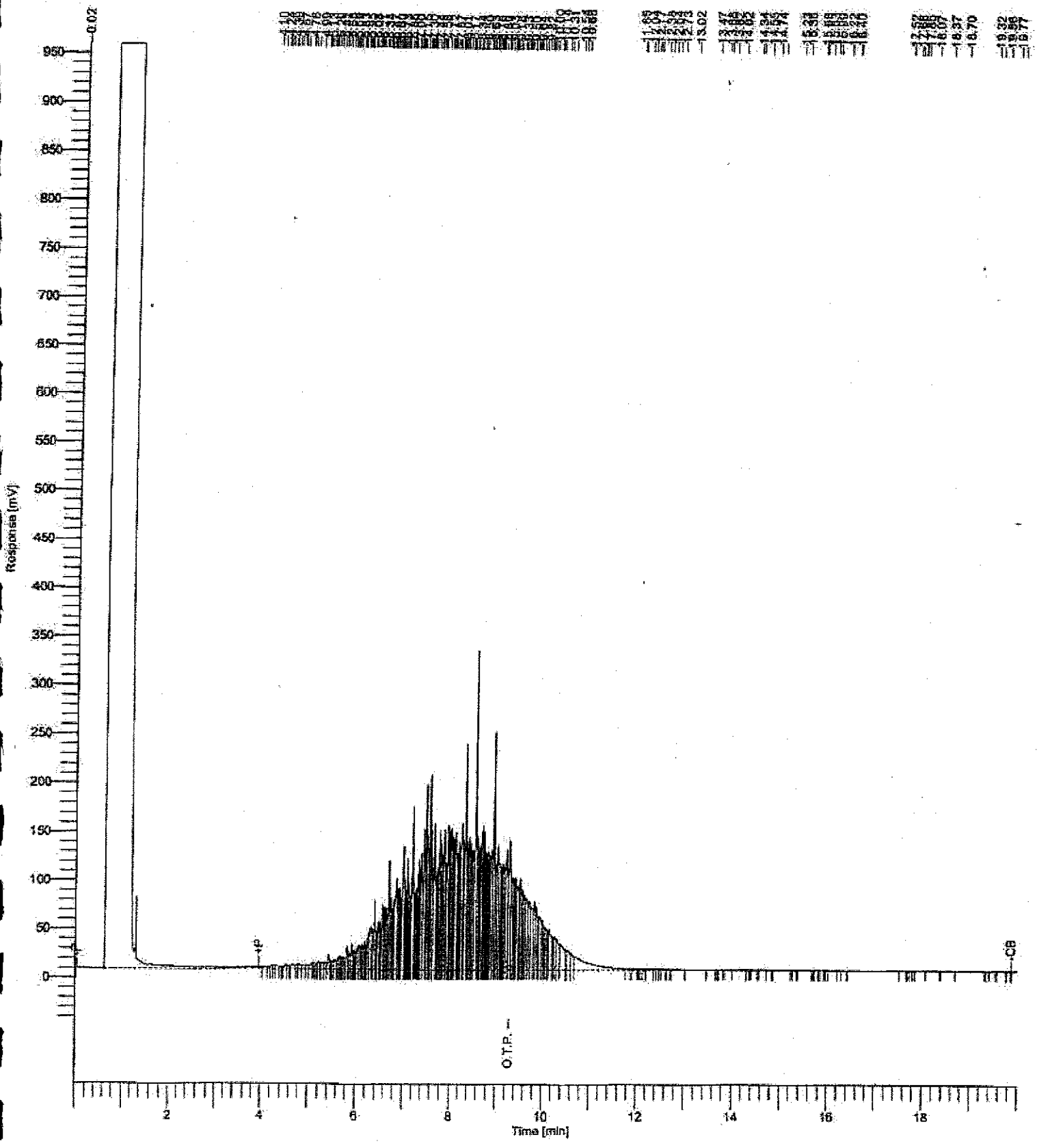
Chromatogram

Sample Name : 720-154-F-8-D sg Sample #: 012 Page 1 of 1
FileName : E:\Diesel\200510\raw\a1020012.raw
Date : 10/20/2005 2:48:43 PM
Method : 6dro090905 Time of Injection: 10/20/2005 2:25:05 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : -40.26 mV High Point : 958.74 mV
Plot Offset: -40.26 mV Plot Scale: 1000.0 mV



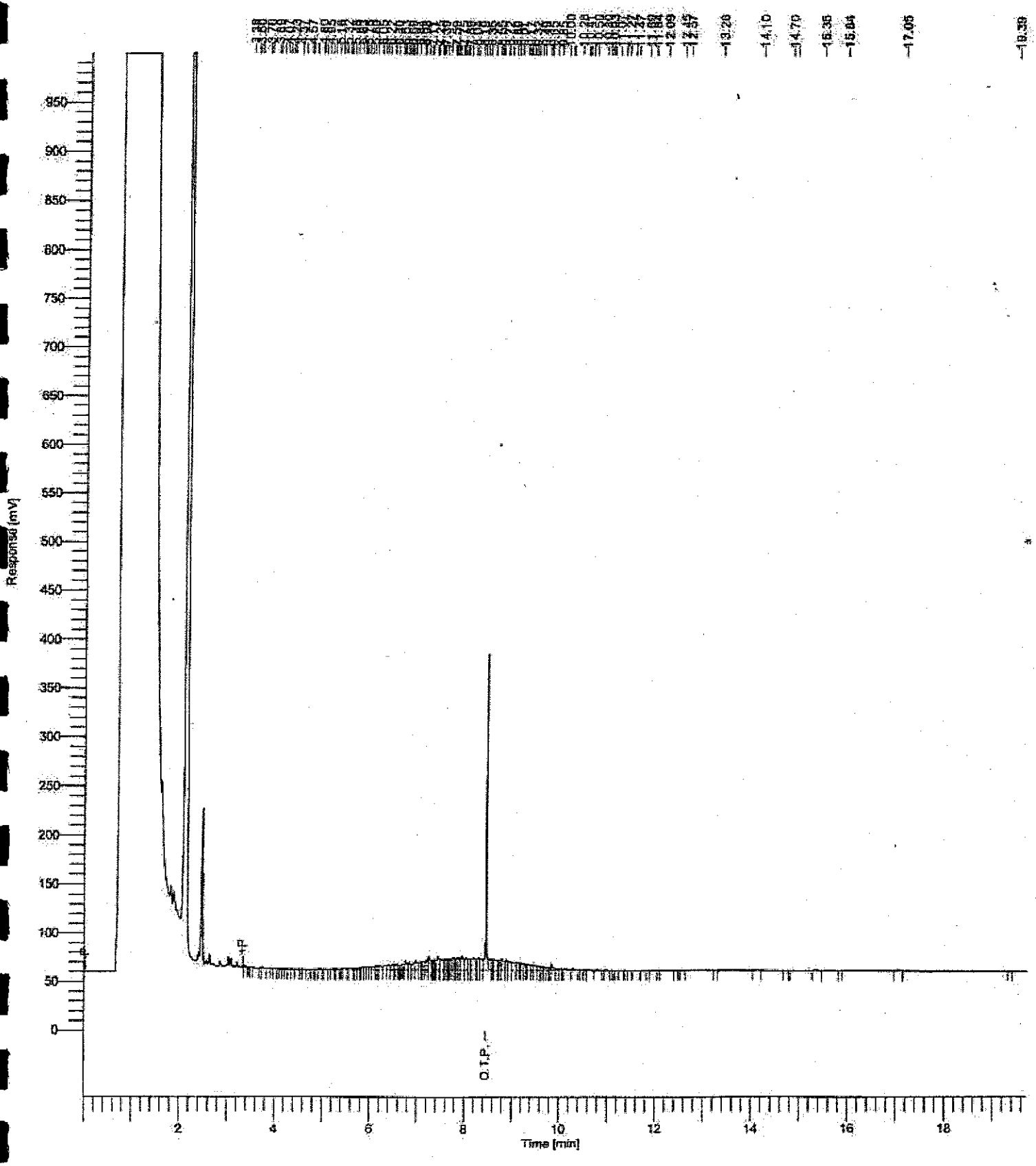
Chromatogram

Sample Name : 720-154-A-14-B 10x Sample #: 019 Page 1 of 1
FileName : E:\Diesel\200510\raw\a1017019.raw
Date : 10/18/2005 9:03:04 AM
Method : 6dro090905 Time of Injection: 10/17/2005 5:15:35 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : -40.78 mV High Point : 959.22 mV
Plot Offset: -40.78 mV Plot Scale: 1000.0 mV



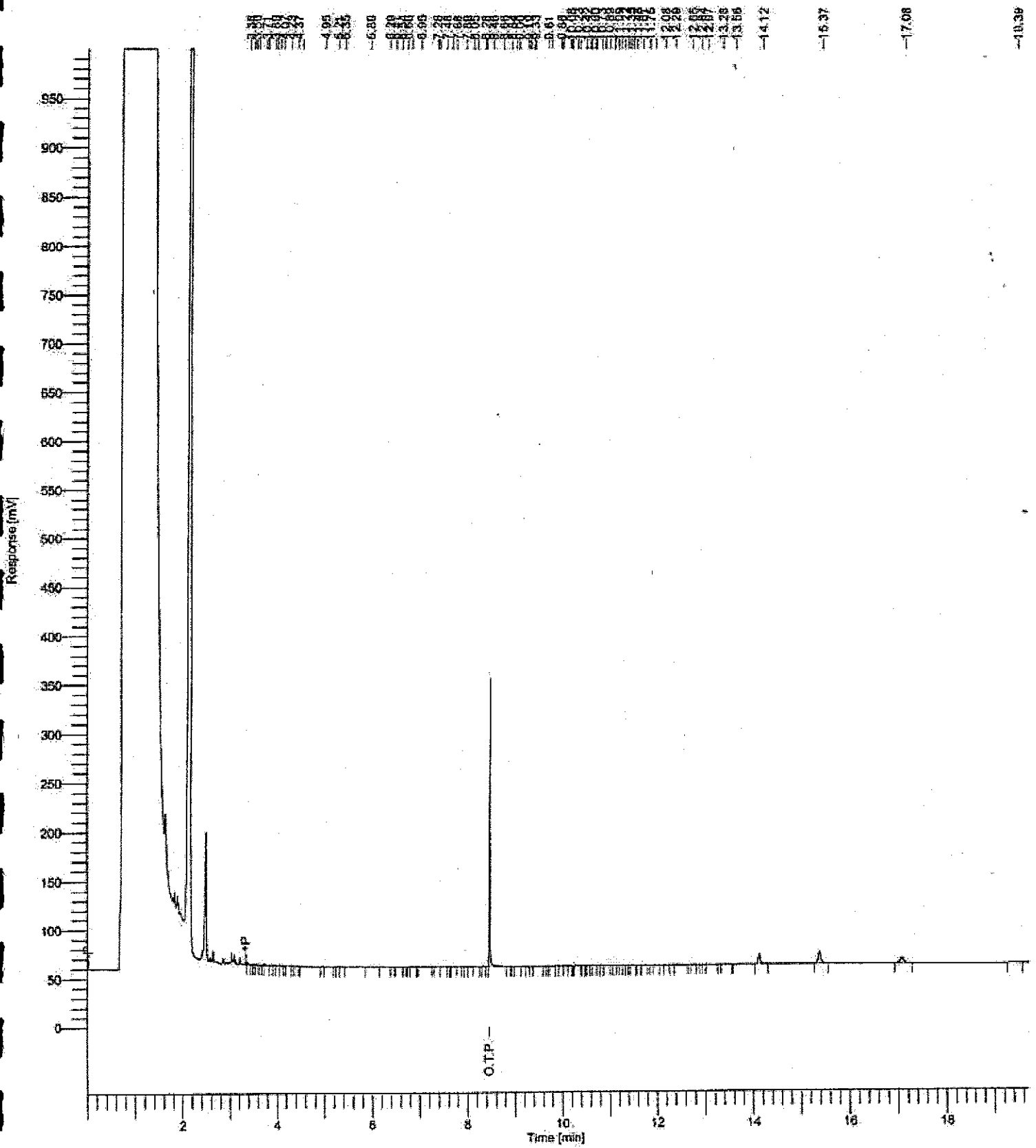
Chromatogram

Sample Name : 720-154-A-15-B sg Sample #: 107 Page 1 of 1
FileName : e:\diesel5\200510\raw\b1018009.raw
Date : 10/18/2005 12:51:03 PM
Method : edro051005.mth Time of Injection: 10/18/2005 12:31:12 PM
Start Time : 0.00 min End Time : 19.70 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



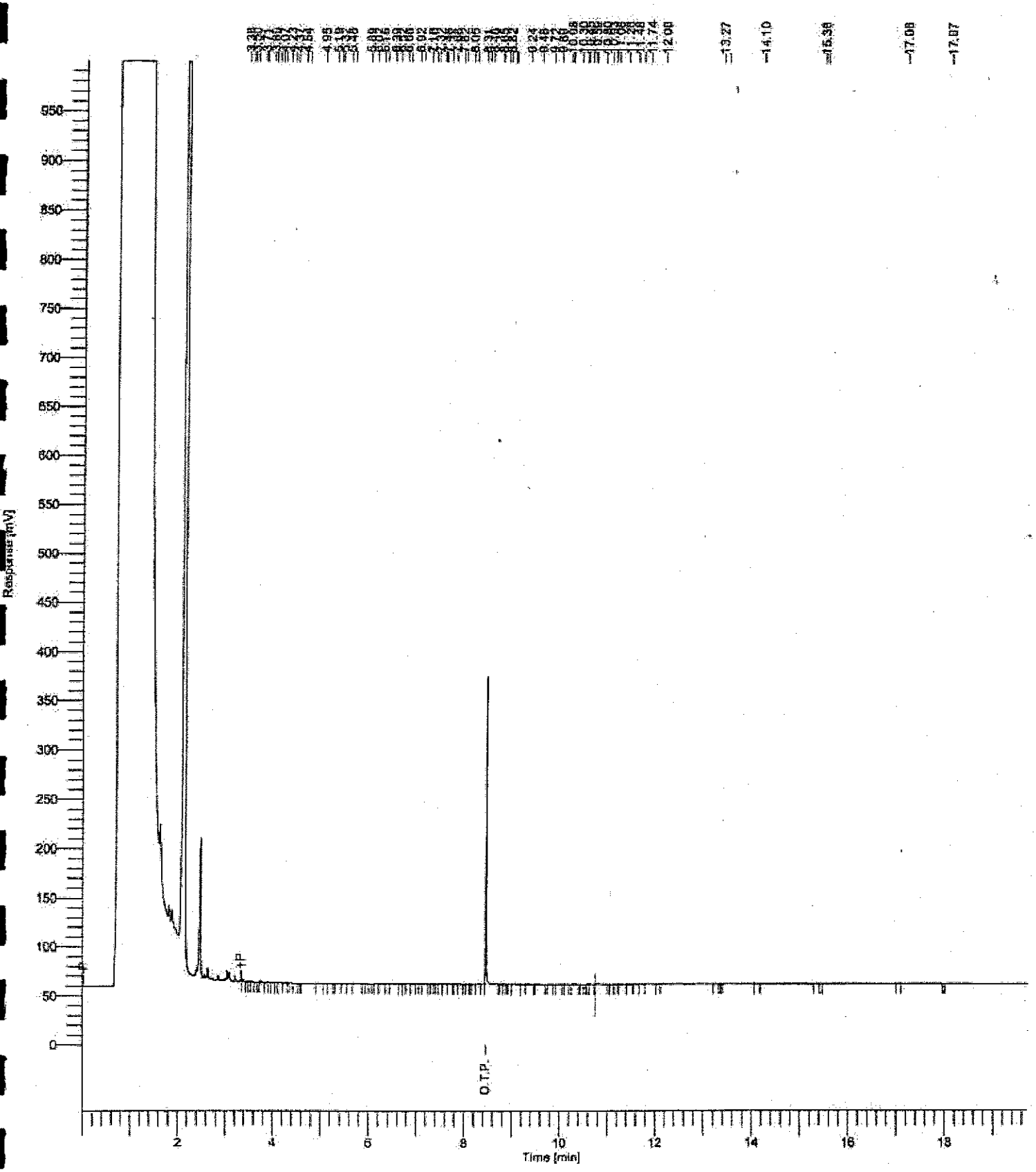
Chromatogram

Sample Name : 720-154-A-16-B sg Sample #: 108 Page 1 of 1
FileName : g:\diesel5\200510\raw\b1018010.raw
Date : 10/18/2005 1:16:33 PM
Method : adro081005.mth Time of Injection: 10/18/2005 12:58:41 PM
Start Time : 0.00 min End Time : 19.70 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



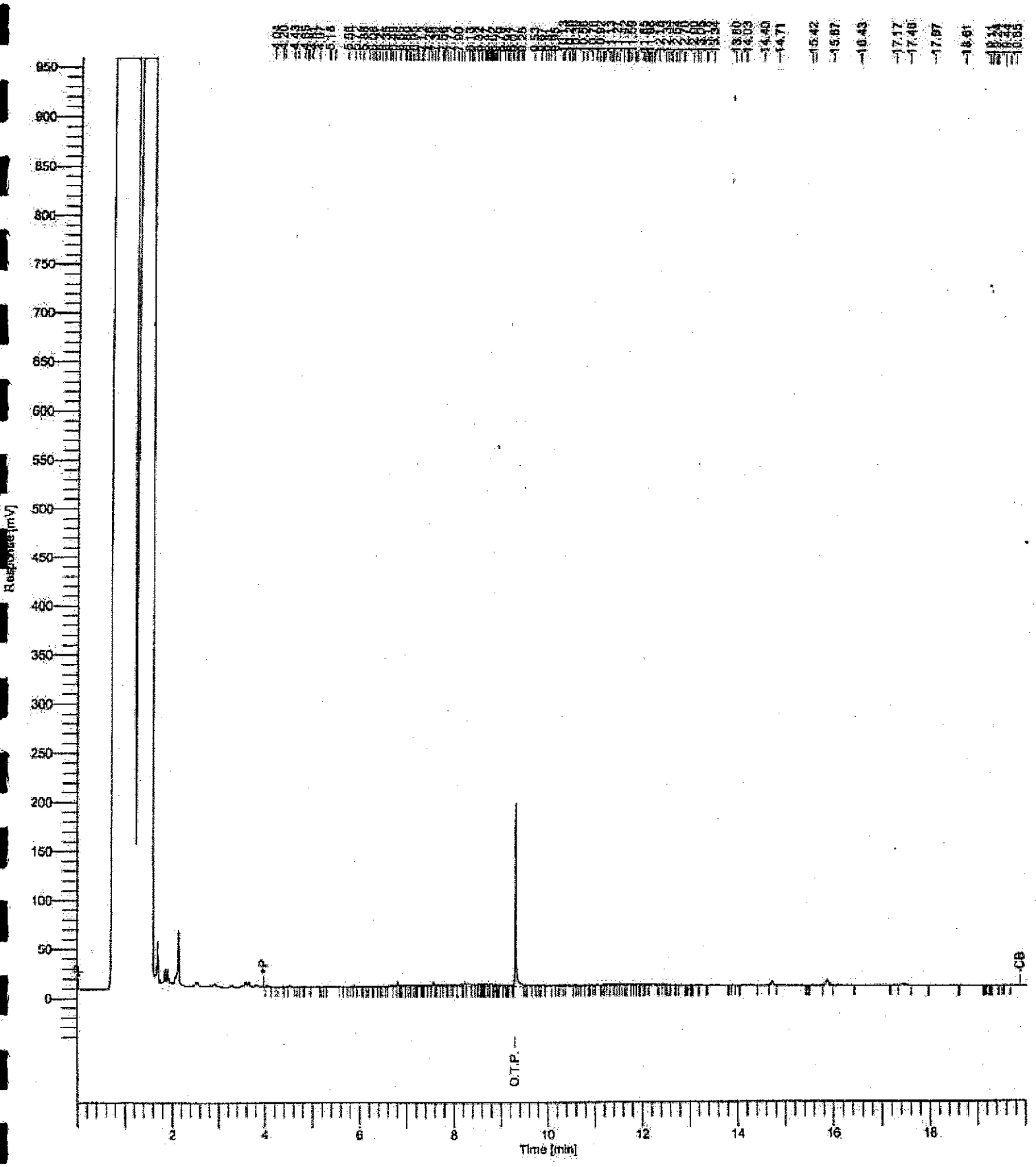
Chromatogram

Sample Name : 720-154-A-17-B sg Sample #: 109 Page 1 of 1
FileName : a:\diesel5\200510\raw\b1018911.raw
Date : 10/18/2005 1:46:04 PM
Method : adro001005.mth Time of Injection: 10/18/2005 1:26:12 PM
Start Time : 0.00 min End Time : 19.70 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



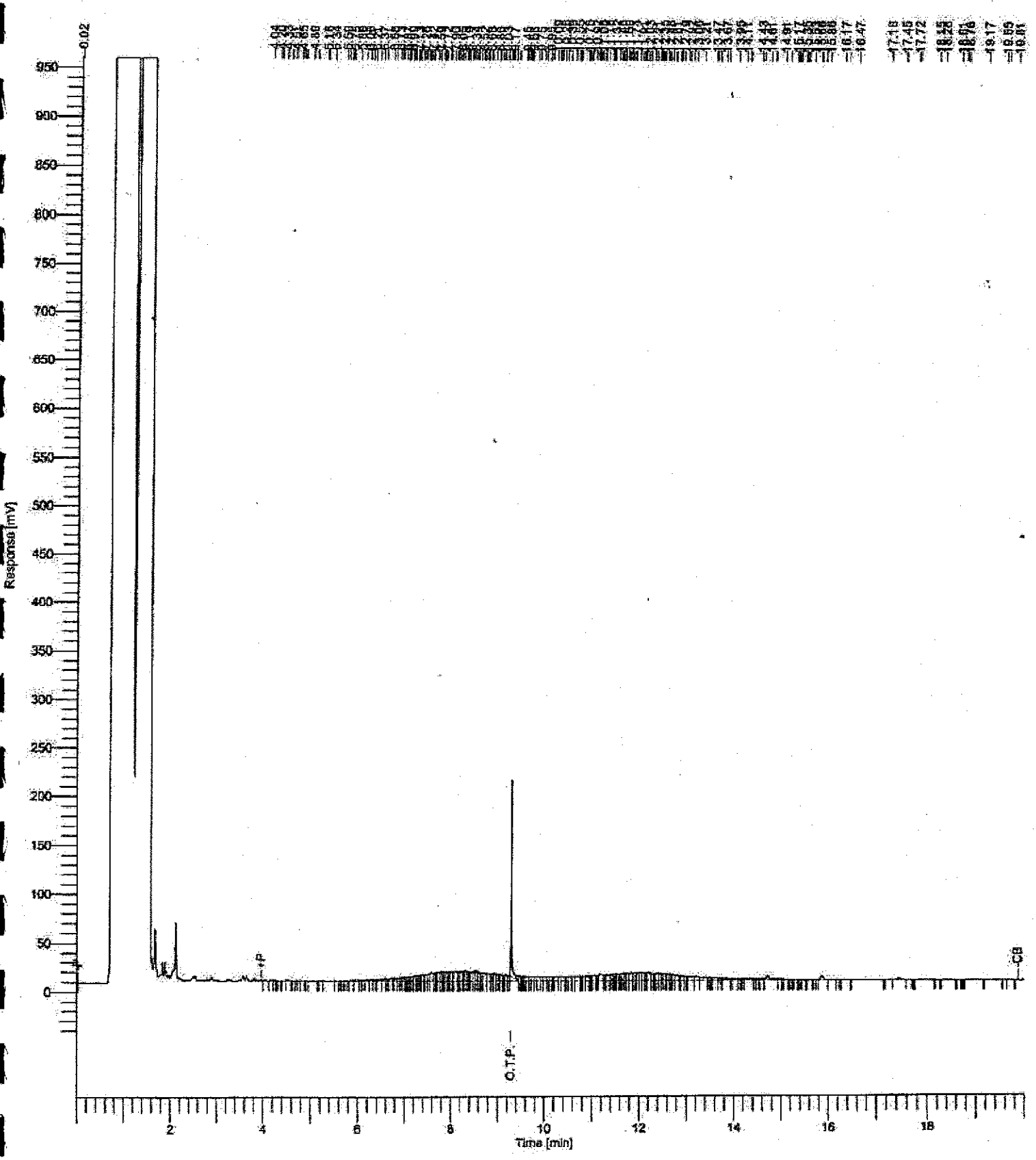
Chromatogram

Sample Name : 720-154-A-19-B sg Sample #: 009 Page 1 of 1
FileName : e:\diesel1\200510\rewa1018009.raw
Date : 10/18/2005 12:50:04 PM
Method : 6dro090805.mth Time of Injection: 10/18/2005 12:29:56 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : -40.48 mV High Point : 959.52 mV
Plot Offset: -40.48 mV Plot Scale: 1000.0 mV



Chromatogram

Sample Name : 720-154-A-20-B sg Sample #: 010
FileName : e:\diesel1\200510\raw\a1018010.raw
Date : 10/18/2005 1:16:42 PM
Method : 6dro090905.mth Time of Injection: 10/18/2005 12:56:34 PM
Start Time : 0.00 min End Time : 20.00 min Low Point : -40.65 mV High Point : 959.35 mV
Plot Offset: -40.65 mV Plot Scale: 1000.0 mV



APPENDIX D
WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST

Print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL000213428

Manifest Document No. 10171 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
PORT OF OAKLAND
9TH AVE. TERMINAL
OAKLAND, CA 94604
(510) 627-1134

MAIL: PORT OF OAKLAND
530 WATER STREET
OAKLAND, CA 94604
ATTN: JEFF RUBIN

4. Generator's Phone

5. Transporter 1 Company Name: DILLARD ENVIRONMENTAL SVCS.

6. US EPA ID Number: CAD982523433

A. State Transporter's ID

B. Transporter 1 Phone: (925) 634-6850

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
ROMIC ENVIRONMENTAL TECHNOLOGIES
2081 BAY ROAD
EAST PALO ALTO, CA 94303

10. US EPA ID Number: CAD009452657

E. State Facility's ID

F. Facility's Phone: (650) 324-1638

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON HAZ WATER, NONE, (Purger Water), (pf: 366989)	04	D M	220	G
b.				
c.				
d.				

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OCT 28 2005

G. Additional Descriptions for Materials Listed Above

11a. 366989 4X55 DM
11b.
11c.
11d.

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Emergency Contact (925) 634-6850 DILLARD
JOB# 480-107 TSK# 05-CRE-02

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Date

Printed/Typed Name: DESMOND DeMASS AGENT FOR PORT OF OAKLAND | Signature | Month 10 Day 17 Year 05

GENERATOR

17. Transporter 1 Acknowledgement of Receipt of Materials

Date

Printed/Typed Name: Reeves | Signature: Reeves | Month 10 Day 17 Year 05

TRANSPORTER

18. Transporter 2 Acknowledgement of Receipt of Materials

Date

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

FACILITY

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Date

Printed/Typed Name: AMY HANEY | Signature: Amy Haney | Month 10 Day 19 Year 05

NON-HAZARDOUS WASTE

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