



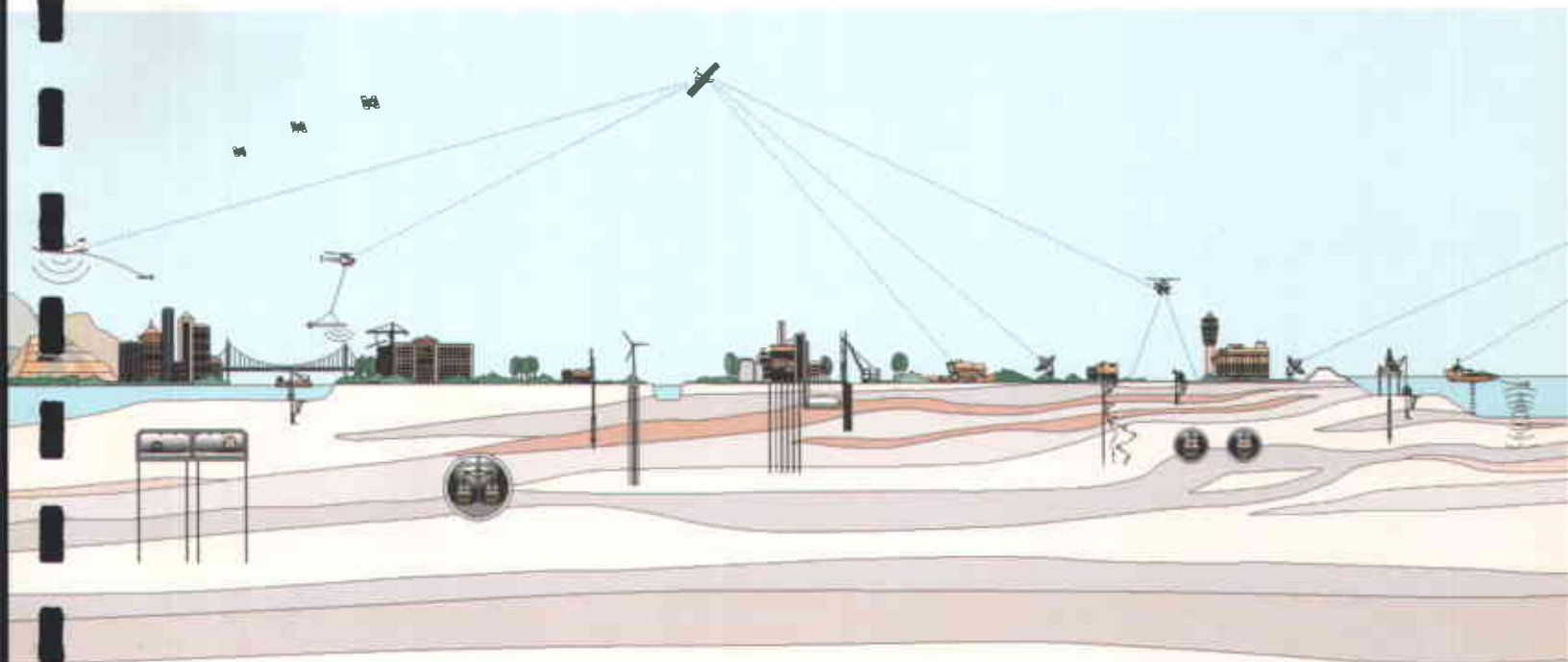
**GROUNDWATER MONITORING REPORT
WINTER 2005 QUARTERLY EVENT AND
SPRING 2005 SEMI-ANNUAL EVENT
TOXIC CASE NO. R02492
NINTH AVENUE TERMINAL
OAKLAND, CALIFORNIA**

Prepared for:
PORT OF OAKLAND



JUNE 2005

Project No. 133.023





PORT OF OAKLAND

June 7, 2005

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

Alameda County
Environmental Health
JUN 16 2005

**Subject: Transmittal of Semi-Annual Groundwater Monitoring Report
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 semi-annual groundwater monitoring report for the Ninth Avenue Terminal prepared by Fugro West, Inc. This report documents recent groundwater monitoring results from SCIMW-7 (two quarterly events) and SCIMW-24 (one semi-annual event).

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

Sincerely,

Diane Heinze, P.E.
Associate Port Environmental Scientist

Encl: Semi-Annual Groundwater Monitoring Report

Cc: w/encl:
Steven Hill, RWQCB
Kathleen Abbott, BBL
Jack Hochwarter, Zurich
Phil King, Bates, Meckler, Bulger & Tilson
Lydia Huang, BASELINE Environmental
Earl James, EKI



June 8, 2005
Project No. 133.023

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

Attention: Ms. Diane Heinze

Subject: Groundwater Monitoring Program Report, Winter 2005 Quarterly Event and Spring
2005 Semi-Annual Event
Ninth Avenue Terminal, Oakland, California

Dear Ms. Heinze:

With this report, Fugro West, Inc., (Fugro) presents the results of the quarterly and semi-annual groundwater monitoring events conducted during the winter and spring of 2005 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 quarterly event commenced on January 10, 2005, with the groundwater level measurement and sampling of well SCIMW-7. The semi-annual event commenced on April 12, 2005. During the semi-annual event wells SCIMW-7 and SCIMW-24 were sampled. Depth to water in all active wells was also measured during the semi-annual event to determine if free product levels changed relative to the fall 2004 annual monitoring event. Groundwater level measurements were obtained from the tidally influenced wells¹ first, to minimize any potential discrepancies in elevation between wells across the Site. A summary of the groundwater

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





elevation measurements is presented in Table 2. Groundwater contours for the semi-annual event are shown on Plate 2.

Free product was observed in well MW-4 (9 inches), well SCIMW-24 (trace), and the "oil filled" manhole (trace) during the 2005 semi-annual event. It is Fugro's field protocol to immediately remove free product when observed during an event. Fugro personnel used a disposable bailer to remove approximately 1.5 gallons of a water and free product mixture during the 2005 event. The mixture was placed in a 55-gallon drum and temporarily stored on-site pending removal by a port contractor.

Well SCIMW-7 was purged and sampled using a disposable bailer during the quarterly event and wells SCIMW-7 and SCIMW-24 were purged and sampled using disposable bailers during the semi-annual event. Fugro placed the water generated during purging into a 55-gallon drum, which was then temporarily stored onsite pending removal by a port contractor. The bailers were discarded after each use. The pH, temperature, Eh², TDS³, and DO⁴ 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 the 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 events described herein in accordance with the testing program (Table 1). C&T has conducted all previous analytical services in conjunction with Fugro's studies at the Site. Comprehensive groundwater analytical test results are presented in Tables 3 through 9. Petroleum hydrocarbon, chlorinated pesticide, and VOC concentrations for the events described herein are shown on Plates 3 and 4 as applicable for wells SCIMW-7 and SCIMW-24. Analytical test reports, chromatographs and chain-of-custody forms for are included in Appendix C. Specific test results are discussed in the sections below.

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 DATA

January 2005 Quarterly Event - Chemical Results in SCIMW-7

- TVH as gasoline range was detected at 160 parts per billion (ppb).
- TEH as diesel range was not detected.
- TEH as motor oil range was not detected.
- The sample contained 72 ppb of benzene, 1.2 ppb of ethylbenzene, 15 ppb of toluene, and 8.2 ppb of xylenes.
- MTBE⁵ was not detected.
- Chlorinated pesticide analysis detected 0.6 ppb 4-4'-DDD. C&T commented that high _____ (ICAL) percent relative standard deviation (RSD) was observed for 4-4'-DDT in the calibration analyzed 1/19/05 05:35; average ICAL %RSD met method requirements, and affected data was qualified with "b". No other analytical problems were encountered.
- The following VOCs were detected: 100 ppb of chloroethane, 290 ppb of 1,1 dichloroethane, 260 ppb of cis-1,2 dichloroethene, 52 ppb of 1,1,1-trichloroethane, 37 ppb of trichloroethane, and 390 ppb of vinyl chloride.

April 2005 Semi-Annual Event - Chemical Results in SCIMW-7 and SCIMW-24

- TVH as gasoline range was detected at 7,800 ppb (SCIMW-7) and 14,000 ppb (SCIMW-24). C&T commented that sample SCIMW-24 exhibits an unknown single peak or peaks.
- TEH as diesel range was detected at 260 ppb (SCIMW-7) and 4,600 ppb (SCIMW-24). C&T commented that samples from SCIMW-7 and SCIMW-24 exhibit a chromatographic pattern which does not resemble standard and that lighter hydrocarbons contributed to the quantitation. In SCIMW-24 heavier hydrocarbons also contributed to the quantitation.
- TEH as motor oil range was not detected in well SCIMW-7. TEH as motor oil range was detected in well SCIMW24 at 4,600 ppb. C&T commented that lighter hydrocarbons contributed to the quantitation.
- The sample from well SCIMW-7 contained 1,800 ppb of benzene and 1,200 ppb of toluene. The sample from well SCIMW-24 contained 3,000 ppb of benzene, 81 ppb of ethylbenzene, 64 ppb of toluene, and 73.3 ppb of xylenes.
- MTBE⁶ was not detected in wells SCIMW-7 and SCIMW-24.

⁵ Method 8260B was used to analyze for MTBE, with a detection limit of 20 ppb.



- Chlorinated pesticide analysis was conducted on the sample collected from well SCIMW-7. Analyses detected 1.0 ppb 4-4'-DDD. C&T commented that the sample Continuing Calibration Verification standard (CCV) drifted outside limits; however, average CCV drift was within limits per method requirements. C&T also indicated that high ICAL percent RSD was observed for 4-4'-DDT in the calibration analyzed 4/20/05 15:57; average ICAL %RSD met method requirements, and affected data was qualified with "b". Low surrogate recovery was observed for decachlorobiphenyl in SCIMW-7 (lab # 178873-001). No other analytical problems were encountered.
- Well SCIMW-7 contained concentrations of the following VOCs: chloroethane (1,800 ppb), 1,1 dichloroethane (12,000 ppb), cis-1,2 dichloroethene (19,000 ppb), trans-1,2-dichloroethene (210 ppb), 1,1,1-trichloroethane (1,700 ppb), 1,1 dichloroethene (230 ppb), chloroform (200 ppb), and vinyl chloride (3,100 ppb).

Tables 5, 7, 8, and 9 include historic data for metals, SVOCs, PNAs, and water quality ions, respectively. No samples were analyzed for these compounds/ions during the first two quarters of 2005, 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.

January 2005 Quarterly Event - Groundwater Quality Parameter Results

The initial down-hole pH reading for the quarterly event was 8.01 in well SCIMW-7. This reading is higher when compared to the reading obtained during the previous event (6.04, October 2004).

The initial down-hole TDS reading for the quarterly event was 14,370 milligrams per liter (mg/l) in well SCIMW-7. This TDS reading is lower than during the previous event (20,360 mg/l, October 2004) and events.

The initial down-hole DO reading for the quarterly event was 2.54 mg/l in well SCIMW-7. The DO reading for this event was higher than during the previous event (2.17 mg/l, October 2004).

The initial down-hole Eh reading for the quarterly event was -131.9 mV in well SCIMW-7. This Eh reading is higher than during the previous event (-228.1 mV, October 2004).

⁶ Method 8260B was used to analyze for MTBE, with a detection limit of 0.5 ppb (SCIMW-24) and 170 ppb (SCIMW-7).



The initial down-hole temperature reading for the quarterly event was 18.55 °C in well SCIMW-7. The temperature reading in this well was lower than during the previous event (20.28°C, October 2004).

April 2005 Semi-Annual - Groundwater Quality Parameter Results

Initial down-hole pH readings for the semi-annual event were 3.92 (SCIMW-7) and 4.32 (SCIMW-24). The readings for the semi-annual event are lower when compared to readings across the Site and to readings recorded over time.

Initial down-hole TDS readings for the semi-annual event were 10,780 mg/l (SCIMW-7) and 1,083 mg/L (SCIMW-24). The TDS readings are lower than during the previous events (January 2005 for SCIMW-7 and October 2004 for SCIMW-24).

Initial down-hole DO readings for the semi-annual event were 2.34 mg/L (SCIMW-7) and 0.68 mg/L (SCIMW-24). The DO readings are lower than during the previous events (January 2005 for SCIMW-7 and October 2004 for SCIMW-24). This may be associated with less surface runoff infiltrating into the shallow groundwater.

Initial down-hole Eh readings for the semi-annual event were -49.3 mV (SCIMW-7) and -117.1 mV (SCIMW-24). The Eh reading of well SCIMW-7 was higher than during the previous event (January 2005) and the Eh reading for SCIMW-24 appeared similar to the previous event (October 2004).

Initial down-hole temperature readings for the semi-annual event were 16.38°C (SCIMW-7) and 19.14°C (SCIMW-24). The temperature readings are lower than during the previous event (January 2005 for SCIMW-7 and October 2004 for SCIMW-24).

WASTE DISPOSAL ACTIVITIES

On January 11, 2005, one drum containing purge water from well SCIMW-7 and an oil water mixture found in a 5-gallon bucket left adjacent to SCIMW-7 was removed from the Site. One drum containing purge water and product from the semi-annual groundwater monitoring activities was also removed. The drums were transported under a Uniform Hazardous Waste Manifest to an appropriate disposal facility. A copy of the January 2005 manifest is included in Appendix D.

GEOTRACKER

Electronic data for SCIMW-24 was successfully uploaded to the Geotracker database on May 12, 2005, for the associated UST site at H-204.

ONGOING MONITORING

In accordance with the approved program, the next sampling event will be quarterly sampling of well SCIMW-7 scheduled for July 2005. During this event, sampling and analytical



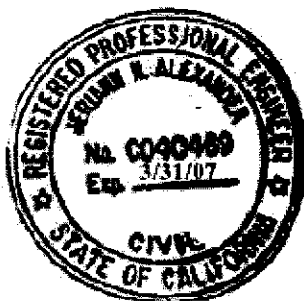
testing will be performed, as outlined in Table 1. Results of the quarterly event will be held and presented with the October 2005 annual monitoring report.

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

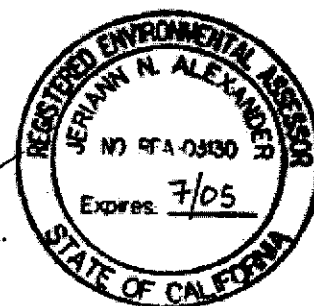
Sincerely,

FUGRO WEST, INC.

Melissa L. Pleva
Staff Engineer & Geologist



Jeriann N. Alexander, P.E., R.E.A.
REA No. 03130 (exp. 7/05)
Civil Engineer 40469 (exp. 3/07)



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, April 2005
 - Plate 3. Petroleum and Pesticide Concentrations, January and April 2005
 - Plate 4. VOC Concentrations, January and April 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 Manifests



Copies Submitted: (1) Addressee

- Kathleen Abbott (Blasland, Bouck & Lee, Inc. -1)
- Barney Chan (Alameda County Environmental Health Care Services Agency -1)
- Stephen Hill (Regional Water Quality Control Board -1)
- Jack Hochwarter (Zurich -1)
- Earl James (Erler & Kalinowski, Inc. -1)
- Phil King, Esq. (Bates, Meckler, Bulger & Tilson -1)
- Lydia Huang (BASELINE Environmental -1)



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					
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 Oversight Program's ID number.



**TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

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 Completion Details

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

Well Destroyed May 31, 2001



**TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

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	
4/10/1995	4.03	6.29	none	
7/24/1995	4.41	5.91	none	
11/10/1995	4.59	5.73	none	
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	

Well Completion Details
2" DIA. PVC
Screen Interval (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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

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	
4/10/1995	7.64	2.54+	none	
7/24/1995	3.62	6.56	none	
11/10/1995	5.11	5.07	none	
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	

Well Completion Details 2" DIA. PVC Screen Interval (10-20' 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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

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	
4/10/1995	3.80	8.18	0.00	
5/16/1995	3.07	8.91	NA	
7/24/1995	3.65	8.33	0.00	
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	

Well Completion Details
2" DIA. PVC
Screen Interval (10-20' 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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>MW-5</u>	<u>TOC Elevation (Apr-95)=</u>	<u>11.84</u>	<u>Port of Oakland Datum</u>	
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	
7/29/1996	5.35	6.49	none	
9/3/1996	5.44	6.40	none	
9/9/1996	5.45	6.39	none	
9/18/1996	5.51	6.33	none	
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	
<u>Oct-04</u>	<u>TOC Elevation =</u>	<u>11.95</u>	<u>Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL</u>	
9/30/2004	5.58	6.37	none	
4/12/2005	5.05	6.90	none	

Well Completion Details 2" DIA. SCH. 40 PVC Well Screen (0.010" slot size) Screen Interval (5-20' 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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)
MW-6	TOC Elevation =	11.86	Port of Oakland Datum
4/10/95	4.12	7.74	12.00
7/24/95	5.19	6.67	13.20
11/10/95	NA	NA	NA
2/20/96	NA	NA	NA
5/23/96	NA	NA	4.50
6/28/1996	4.89	6.97	3.00
7/29/1996	5.00	6.86	1.00
9/3/1996	5.19	6.67	0.50
9/9/1996	5.29	6.57	trace
9/18/1996	5.34	6.52	trace
9/23/1996	5.17	6.69	0.13
9/30/1996	5.10	6.76	0.13
10/28/1996	5.23	6.63	0.13
12/2/1996	3.96	7.90	1.00
12/30/1996	4.55	7.31	0.33
1/16/1997	4.23	7.63	trace
2/28/1997	4.54	7.32	0.50
3/26/1997	4.54	7.32	trace
5/5/1997	4.82	7.04	0.50
6/27/1997	4.82	7.04	0.50
7/23/1997	--	--	--
8/25/1997	4.50	7.36	trace
9/25/1997	3.94	7.92	7.25
10/30/1997	5.06	6.80	2.00
12/3/1997	4.88	6.98	7.00
12/30/1997	4.53	7.33+	0.25
1/28/1998	4.47	7.39	0.38
3/11/1998	4.35	7.51	trace
3/30/1998	4.45	7.41	trace
4/27/1998	4.83	7.03	2.00
6/1/1998	4.54	7.32	1.50
6/26/1998	5.02	6.84	3.00
9/17/1998	5.24	6.62	4.00
12/7/1998	3.83	8.03	1.75
5/4/1999	4.65	7.21	0.50
8/25/1999	5.25	6.61	1.15
11/29/1999	4.88	6.98	0.67
4/4/2000	--	--	trace
10/3/2003	--	--	12.00
5/1/2001	4.60	7.26	none
11/27/2001	--	--	--
7/29/2002	--	--	--
1/21/2003	5.81	6.05	2.00
Oct-04	TOC Elevation =	11.99	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL
9/30/2004	4.17	7.82	16
4/12/2005	4.41	7.58	none

Well Completion Details
 2" DIA. SCH. 40 PVC
 Well Screen (0.010" slot size)
 Screen Interval (5-20' 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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

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
7/29/1996	4.32	5.81	none
9/3/1996	4.65	5.48	none
9/9/1996	4.79	5.34	none
9/18/1996	4.45	5.68	none
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

Well Completion Details
 2" DIA. SCH. 40 PVC
 Well Screen (0.010" slot size)
 Screen Interval (5-20' 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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-1</u>	<u>TOC Elevation (May-96) =</u>	<u>10.37</u>	<u>Port of Oakland Datum</u>	
5/23/1996	5.28	5.09	none	
6/28/1996	5.75	4.62	none	
7/29/1996	5.81	4.56	none	
9/3/1996	5.98	4.39	none	
9/9/1996	6.04	4.33	none	
9/18/1996	6.04	4.33	none	
9/23/1996	6.07	4.30	none	
9/30/1996	6.00	4.37	none	
10/28/1996	6.10	4.27	none	
12/2/1996	5.52	4.85	none	
12/30/1996	4.66	5.71	none	
1/16/1997	5.08	5.29	none	
2/28/1997	5.38	4.99	none	
3/26/1997	5.54	4.83	none	
5/5/1997	5.86	4.51	none	
6/27/1997	5.76	4.61	none	
7/23/1997	5.59	4.78	none	
8/25/1997	5.41	4.96	none	
9/25/1997	5.60	4.77	none	
10/30/1997	5.79	4.58	none	
12/3/1997	4.80	5.57	none	
12/30/1997	4.94	5.43	none	
1/28/1998	4.59	5.78	none	
3/11/1998	4.70	5.67	none	
3/30/1998	4.62	5.75	none	
4/27/1998	4.84	5.53	none	
6/1/1998	4.61	5.76	none	
6/26/1998	4.94	5.43	none	
9/17/1998	5.35	5.02	none	
12/7/1998	4.81	5.56	none	
5/4/1999	5.16	5.21	none	
8/25/1999	5.85	4.52	none	
11/29/1999	5.81	4.56	none	
4/4/2000	5.10	5.27	none	
10/3/2000	5.62	4.75	none	
5/1/2001	5.00	5.37	none	
11/27/2001	4.99	5.38	none	
7/29/2002	5.19	5.18	none	
1/21/2003	4.64	5.73	none	
9/30/2004	-	-	-	Well not located
4/12/2005	-	-	-	Well not located

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-2</u>	<u>TOC Elevation (May-96) =</u>	<u>9.92</u>		<u>Port of Oakland Datum</u>
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	
9/23/1996	3.78	6.14	none	
9/30/1996	6.18	3.74	none	
10/28/1996	3.72	6.20	none	
12/2/1996	6.60	3.32	none	
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	
<u>Oct-04</u>	<u>TOC Elevation =</u>	<u>9.89</u>		<u>Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL</u>
9/30/2004	6.65	3.24	none	
4/12/2005	6.67	3.22	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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-4</u>	<u>TOC Elevation (Sept-96) =</u>	<u>10.03</u>		<u>Port of Oakland Datum</u>
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	

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-5</u>	<u>TOC Elevation (Sept-96) =</u>	<u>10.19</u>		<u>Port of Oakland Datum</u>
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 Completion Details 2" DIA. SCH. 40 PVC Well Screen (0.010" slot size) Screen Interval (3-18' bgs) Well Installed by SCI

Well Destroyed May 31, 2001



**TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

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	

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

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	

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

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	
12/2/1996	5.39	7.42	none	
12/30/1996	4.98	7.83	none	
1/16/1997	5.11	7.70	none	
2/28/1997	5.42	7.39	none	
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	

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-9</u>	<u>TOC Elevation (Sept-96) =</u>	<u>11.32</u>	<u>Port of Oakland Datum</u>	
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	

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

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	
12/2/1996	5.15	7.41	none	
12/30/1996	4.60	7.96	none	
1/16/1997	4.69	7.87	none	
2/28/1997	4.47	8.09	none	
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	

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

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	
12/30/1996	3.56	5.93	none	
1/16/1997	5.17	4.32	none	
2/28/1997	6.60	2.89	none	
3/26/1997	6.85	2.64	none	
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	

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

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	
12/30/1996	5.12	5.82	none	
1/16/1997	6.41	4.53	none	
2/28/1997	7.19	3.75	none	
3/26/1997	7.24	3.70	none	
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	

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

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	
12/2/1996	5.91	6.65	none	
12/30/1996	5.70	6.86	none	
1/16/1997	5.63	6.93	none	
2/28/1997	5.31	7.25	none	
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	

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-14</u>	<u>TOC Elevation (Sept-96) =</u>	<u>13.64</u>		<u>Port of Oakland Datum</u>
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 Completion Details
 2" DIA. SCH. 40 PVC
 Well Screen (0.010" slot size)
 Screen Interval (3-18' bgs)
 Well Installed by SCI

Well Destroyed May 30, 2001



TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-15</u>	<u>TOC Elevation (Sept-96) =</u>	<u>13.45</u>		<u>Port of Oakland Datum</u>
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	

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-16</u>	<u>TOC Elevation (Sept-96) =</u>	<u>10.40</u>		<u>Port of Oakland Datum</u>
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	
12/30/1996	3.19	7.21	none	
1/16/1997	3.37	7.03	none	
2/28/1997	3.47	6.93	none	
3/26/1997	3.39	7.01	none	
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	

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
 QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)
<u>SCIMW-17</u>	<u>TOC Elevation (Sept-96) =</u>	<u>10.14</u>	<u>Port of Oakland Datum</u>
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 Completion Details 2" DIA. SCH. 40 PVC Well Screen (0.010" slot size) Screen Interval (3-18' bgs) Well Installed by SCI

Well Destroyed May 30, 2001



TABLE 2
 SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
 NINTH AVENUE TERMINAL STUDY AREA
 QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

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	



**TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-19</u>	<u>TOC Elevation (Sept-96) =</u>	<u>10.46</u>		<u>Port of Oakland Datum</u>
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	
<u>Oct-04</u>	<u>TOC Elevation =</u>	<u>10.55</u>		<u>Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL</u>
9/30/2004	4.10	6.45	none	
4/12/2005	3.42	7.13	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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-20</u>	<u>TOC Elevation (Sept-96) =</u>	<u>9.11</u>	<u>Port of Oakland Datum</u>	
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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-21</u>	<u>TOC Elevation (May-97) =</u>	<u>9.67</u>		<u>Port of Oakland Datum</u>
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	
12/3/1997	2.21	7.46	none	
12/30/1997	2.11	7.56	none	
1/28/1998	1.67	8.00	none	
3/11/1998	1.27	8.40	none	
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	
<u>Oct-04</u>	<u>TOC Elevation =</u>	<u>9.70</u>		<u>Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL</u>
9/30/2004	3.21	6.49	none	
4/12/2005	1.36	8.34	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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-22</u>	<u>TOC Elevation (May-97) =</u>	<u>12.00</u>		<u>Port of Oakland Datum</u>
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	
<u>Oct-04</u>	<u>TOC Elevation =</u>	<u>12.03</u>		<u>Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL</u>
9/30/2004	5.95	6.08	none	
4/12/2005	4.54	7.49	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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)
<u>SCIMW-23</u>	<u>TOC Elevation (May-97) =</u>	<u>9.74</u>	<u>Port of Oakland Datum</u>
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 Completion Details 2" DIA. SCH. 40 PVC Well Screen (0.020" slot size) Screen Interval (3-18' bgs) Well installed by SCI

Well Destroyed September 30, 2004



TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-24</u>	<u>TOC Elevation (May-97) =</u>	<u>9.74</u>		<u>Port of Oakland Datum</u>
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	
12/3/1997	3.63	6.11	none	
12/30/1997	3.58	6.16	none	
1/28/1998	3.58	6.16	none	
3/11/1998	-	-	-	
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	
<u>Oct-04</u>	<u>TOC Elevation =</u>	<u>9.72</u>		<u>Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL</u>
9/30/2004	4.61	5.11	none	
4/12/2004	3.99	5.73	trace	

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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)
<u>SCIMW-25</u>	<u>TOC Elevation (May-97) =</u>	<u>8.30</u>	<u>Port of Oakland Datum</u>
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 Completion Details

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

Well Destroyed May 30, 2001



TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-26</u>	<u>TOC Elevation (May-97) =</u>	<u>11.33</u>		<u>Port of Oakland Datum</u>
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	
12/3/1997	2.55	8.78	none	
12/30/1997	3.25	8.08	none	
1/28/1998	2.93	8.40	none	
3/11/1998	3.98	7.35	none	
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	<u>TOC Elevation =</u>	<u>11.42</u>		<u>Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL</u>
9/30/2004	3.67	7.75	none	
4/12/2005	3.14	8.28	none	

Well Completion Details 2" DIA. SCH. 40 PVC Well Screen (0.020" slot size) Screen Interval (3-20' bgs) Well Installed by SCI



TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-27</u>	<u>TOC Elevation (May-97) =</u>	<u>11.43</u>		<u>Port of Oakland Datum</u>
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	
12/3/1997	4.74	6.69	none	
12/30/1997	4.75	6.68	none	
1/28/1998	4.37	7.06	none	
3/11/1998	4.70	6.73	none	
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	
<u>Oct-04</u>	<u>TOC Elevation =</u>	<u>11.49</u>		<u>Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL</u>
9/30/2004	5.00	6.49	none	
4/12/2005	4.77	6.72	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
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

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	
4/27/1998	4.34	8.41	none	
6/1/1998	4.33	8.42	none	
6/26/1998	4.53	8.22	none	
9/17/1998	5.04	7.71	none	
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	

Well Completion Details
 2" DIA. SCH. 40 PVC
 Well Screen (0.020" slot size)
 Screen Interval (4-21' bgs)
 Well installed by SCI



TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-33	TOC Elevation (Oct-97) =	11.47	Port of Oakland Datum	
10/30/1997	4.58	6.89	none	
12/3/1997	4.11	7.36	none	
12/30/1997	4.07	7.40	none	
1/28/1998	4.03	7.44	none	
3/11/1998	4.02	7.45	none	
3/30/1998	4.00	7.47	none	
4/27/1998	3.96	7.51	none	
6/1/1998	3.86	7.61	none	
6/26/1998	4.05	7.42	none	
9/17/1998	4.32	7.15	none	
12/7/1998	4.21	7.26	none	
5/3/1999	4.00	7.47	none	
8/25/1999	4.60	6.87	none	
11/29/1999	4.72	6.75	none	
4/4/2000	5.00	6.47	none	
10/3/2000	4.35	7.12	none	
5/1/2001	4.30	7.17	none	
11/27/2001	4.39	7.08	none	
7/29/2002	4.16	7.31	none	
1/21/2003	4.06	7.41	none	
Oct-04	TOC Elevation =	11.45	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	4.50	6.95	none	
4/12/2005	4.05	7.40	none	

Well Completion Details 2" DIA. SCH. 40 PVC Well Screen (0.020" slot size) Screen Interval (4-17' bgs) Well Installed by SCI



TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005

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	
4/27/1998	6.14	4.79	none	
6/1/1998	6.05	4.88	none	
6/26/1998	5.81	5.12	none	
9/17/1998	6.06	4.87	none	
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	

Well Completion Details
 2" DIA. SCH. 40 PVC
 Well Screen (0.020" slot size)
 Screen Interval (4-17' bgs)
 Well Installed by SCI



**TABLE 2
SUMMARY OF GROUNDWATER ELEVATION, WELL COMPLETION DETAILS, AND PRODUCT THICKNESS DATA
NINTH AVENUE TERMINAL STUDY AREA
QUARTERLY AND SEMI-ANNUAL EVENTS- JANUARY AND APRIL 2005**

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
<u>SCIMW-35</u>	<u>TOC Elevation (Oct-97) =</u>	<u>10.10</u>	<u>Port of Oakland Datum</u>	
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	
4/27/1998	5.23	4.87	none	
6/1/1998	5.01	5.09	none	
6/26/1998	4.97	5.13	none	
9/17/1998	5.36	4.74	none	
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	
<u>Oct-04</u>	<u>TOC Elevation =</u>	<u>10.12</u>	<u>Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL</u>	
9/30/2004	5.28	4.84	none	
4/12/2005	4.25	5.87	none	

Well Completion Details 2" DIA. SCH. 40 PVC Well Screen (0.020" slot size) Screen Interval (3-17' bgs) Well Installed by SCI

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	810	--	<0.50	<0.60	<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	480	--	<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	9/8/1996	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	4,600 yhl	2,100 yl	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-1	SCI	F	9/26/1998	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	<0.60	<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	590	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-2	Clayton	F	7/24/1995	5.91	--	70	980	--	<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	2,600 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	1,500 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	--	--	<60	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	SCI	F	10/13/2000	5.04	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	SCI	F	12/3/2001	5.16*	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	SCI	F	1/21/2003	5.10	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	SCI	F	10/4/2004	5.35	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-3	Uribe	F	4/4/1994	5.95	--	<50	890	--	<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	6.58	--	<50	480	--	<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	--	--	--	--	--	--	--

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)	AROCOR-1260 (µg/L)	OTHER PCBs (µg/L)
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	5.89	--	<50	1,100 yh	550 y	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-3	SCI	F	8/18/1996	3.78	--	<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	SCI	F	11/3/2004	6.66	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-4	Clayton	F	9/20/93 (b)	6.18	--	<50	1300	--	140	40	110	235	--	--	--	--	--	--	--
MW-4	Clayton	F	12/1/93 (b)	7.86	--	<50	32,000	--	71	20	41	150	--	--	--	--	--	--	--
MW-4	Urbe	F	4/4/94 (b)	7.76	--	6,200	410,000	--	140	47	20	310	--	--	--	--	--	--	--
MW-4	Clayton	F	4/10/1995	6.18	FREE PRODUCT -- NOT SAMPLED														
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	8/4/1996	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	0.8	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	6.96*	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	10/1/2004	6.85	FREE PRODUCT -- NOT SAMPLED														
MW-4 FP	SCI	L	10/4/2004	6.32	--	--	fingerprint matches diesel	--	<500	<500	<500	5,660	<2,000	--	--	--	--	--	--

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)
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	4,800 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	--	--	--	--	--	--	--
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	6.38	--	<50	9,400	1,900 yl	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F/H	5/8/1997	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	680	<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	SCI	F/H	10/1/2004	6.37	--	--	96 y	<300	--	--	--	--	--	--	--	--	--	--	--
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	7/24/1996	6.67	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	5/24/1996	7.71 (b)	--	280,000 yh	240,000	5,500 yl	<260	<250	<250	<250	--	--	--	--	--	--	--
MW-6	SCI	F	9/5/1996	6.87 (b)	89,000	200h	50,000	3,200 yl	5.3	<6.0	<6.0	<6.0	--	--	--	--	--	<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	5/8/1997	7.04 (b)	330,000	440 yh	620,000	24,000 yl	2.4	<0.6	0.91	0.91	--	--	--	--	--	--	--
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	6.99	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	10/4/2000	6.25	FREE PRODUCT -- NOT SAMPLED														
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	SCI	C	9/30/2004	3.92	--	--	fingerprint matches diesel		<1,300	<1,300	<1,300	<1,300	<5,000	--	--	--	--	--	--

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)
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	250	--	<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	6.09	<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	8/22/1998	5.02	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	12/2/1999	4.66	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	10/8/2000	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	380 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	<6.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-2	SCI	N	1/17/1997	3.82	--	98y	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	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	12/29/1998	3.52	--	--	5,400h	930 yl	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	5/7/1999	4.62	--	--	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	3.65	--	--	7,400 h	880 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	380 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	SCI	N	10/4/2004	3.24	--	--	350 y	<300	--	--	--	--	--	--	--	--	--	--	--
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

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-1280 (µg/L)	OTHER PCBs (µg/L)
SCIMW-3	SCI	I/J	9/5/1998	6.87	<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	7,800 yh	5,200 yl	<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	8.17	--	--	<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	SCI	I/J	10/4/2004	6.32	--	--	1,700 yh	7,400	--	--	--	--	--	--	--	--	--	--	--
SCIMW-4	SCI	L	8/28/1998	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	--	--	--	--	--	--	--
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	9/3/1998	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	5.28	--	--	<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	8/28/1998	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)	3.81	--	--	<47	<280	--	--	--	--	--	<0.1	<0.1	<0.1	ND	<0.5	ND
SCIMW-6	SCI	C	5/8/1999	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	9/8/1998	3.31+	<5,000	540	6,100 y	1,800 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	7,800 yl	8,800	<25	7,200	103	--	--	--	--	--	--	--
SCIMW-7	SCI	P/Q	10/20/1997	6.98	<5,000	8,100 yl	6,100 yh	2,500 yl	5,100	16	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	6/6/1999	7.40	--	--	--	--	--	--	--	--	--	<1.0	<1.0	<1.0	ND	<4.8	ND
SCIMW-7	SCI	P/Q	12/2/1999	5.58	--	--	<50	<300	690	<5.0	280	7.3	--	<9.4	<9.4	<9.4	ND	<47	ND

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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-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
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	SCI	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	SCI	P/Q	10/6/2004	6.57	--	--	--	--	1,400	<360	<360	<360	<360	--	--	--	--	--	--
SCIMW-7	SCI	P/Q	1/10/2005	6.35	--	160	<50	<300	72	1.2	15	6.2	<20	0.8	<0.1	<0.1	ND	--	--
SCIMW-7	SCI	P/Q	4/12/2005	7.57	--	7,900	260 ly	<300	1,800	<170	1,200	<170	<170	1.0 #	<0.5	<0.5 #	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	7.38	--	--	<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	SCI	I	9/30/2004	7.29	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--
SCIMW-9	SCI	I	9/30/2004	6.16	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
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	5.88	--	--	<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	--	--	--	--	--	--	--	--	--	--	--

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-11	SCI	N	8/28/1996	3.83	<6,000	<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	0.88	<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	2.64	--	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	SCI	N	10/1/2004	2.79	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-12	SCI	O	8/28/1996	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	--	--	--	--	--	--	--
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	5/8/1999	3.76	--	--	<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	3,800	<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	SCI	J	9/30/2004	6.87	--	--	80	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-14	SCI	I/J	8/28/1996	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

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	8/29/1996	4.85	<5,000	<50	2,100 yh	1,800 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	1,800 yl	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	9/21/1998	5.17	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-16	SCI	I/J	5/4/1999	5.15	--	--	75 yth	<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	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	5/3/2001	5.05	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-16	SCI	I/J	12/3/2001	6.60	--	--	<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	SCI	I/J	10/1/2004	4.97	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
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	6.85	--	--	<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	1,800 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	6.87	--	--	<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-18	SCI	R	8/30/1996	6.18	<5,000	<50	180	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-18	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	--	--	--	--	--	--	--	--	--	--	--

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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-20	SCI	H/Q	9/3/1998	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	SCI	P	1/21/2003	7.32	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
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	--	--	280 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	8/28/1999	4.35	--	--	120 y	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	12/3/1999	5.96	--	--	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	--	--	--	--	--	--	--	--	--	--	--

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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-24	SCI	N	5/9/1997	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	96	53	98	--	--	--	--	--	--	--
SCIMW-24	SCI	N	12/11/1998	5.79	--	8,300	800 yl	<300	1,200	180	86	111	--	--	--	--	--	--	--
SCIMW-24	SCI	N	5/6/1999	5.14	--	6,700	1,800 yl	660 yl	1,100	120	31	89	--	--	--	--	--	--	--
SCIMW-24	SCI	N	8/25/1999	4.69	FREE PRODUCT -- NOT SAMPLED														
SCIMW-24	SCI	N	12/1/1999	4.99	--	7,000	980 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	4.84	--	7,100	5,300 hly	3,600	2,700	160	64	100	--	--	--	--	--	--	--
SCIMW-24	SCI	N	11/28/2001	5.37	--	8,900	5,500 hly	5,000	1,000	61	44	67	--	--	--	--	--	--	--
SCIMW-24	SCI	N	7/30/2002	5.17	--	25,000	2,300 hly	1,700	1,600	160	<2.5	86	--	--	--	--	--	--	--
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	SCI	N	4/12/2004	5.73	--	14,000	4,600 hly	2,100 l	3,000	81	64	73.3	<0.5	--	--	--	--	--	--
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	12/2/1998	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	SCI	H	1/21/2003	8.63	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
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	8.82	--	--	<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	10/8/2000	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	SCI	Q	9/30/2004	7.81	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--
SCIMW-29	SCI	H	1/21/2003	7.71	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-29	SCI	H	1/21/2003	7.71	--	--	<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-30	SCI	P	10/20/1997	7.63	<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	SCI	P	1/21/2003	8.09	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	<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	SCI	P	1/21/2003	4.83	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--
SCIMW-32	SCI	I/P	10/20/1997	7.73	<5,000	<50	1,000 yh	880 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	SCI	I/P	12/2/1999	8.04	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
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	6.76	--	<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	--	--	88	<300	<5.0	<5.0	<5.0	15	<5.0	0.98	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-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	--	82	81 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	8/28/1999	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	4/8/2000	5.50	--	57	<50	<300	8.6	0.84	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-34	SCI	R	10/6/2000	6.94	--	<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	SCI	R	9/30/2004	4.88	--	<50	<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 Part 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	89 y ^h	<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	--	--	<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	SCI	R	8/30/2004	4.84	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
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	8/5/1996	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 0.05µg/L Heptachlor epoxide B

(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.

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

= 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.

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)	(µg/L)	8240s*
MW-5	SCI	F	1/20/1997	8.98	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND	
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	U/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	U/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	U/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	U/J	1/20/1997	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-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	
SCIMW-5	SCI	M	5/31/2001		Well Destroyed															ND
SCIMW-6	SCI	C	8/28/1996	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-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	

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	Port of Oak. Datum	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	($\mu\text{g/L}$)	8240s*
SCIMW-7	SCI	P/Q	9/8/1996	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	8,800	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	5,800J	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	6.74	<1,000	<500	<250	<250	1,400	1,700	<250	<250	5,000	180J	<500	1,800	<250	2,400	ND
SCIMW-7	SCI	P/Q	5/8/1999	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	6.66	35	31	<5.0	<5.0	690	580	6.2	79	2,900	120	17	1,600	250	380	ND
SCIMW-7	SCI	P/Q	10/6/2000	8.25	50	<50	<2.5	<2.5	790	360	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	780	<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	160	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	5,800	<360	<710	580	<360	1,900	ND
SCIMW-7dup	SCI	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	SCI	P/Q	1/10/2005	8.35	<80	<40	<20	<20	100	280	<20	<20	260	<20	<40	92	37	390	ND
SCIMW-7	SCI	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-8	SCI	I	8/26/1996	7.11	<20	<10	<5.0	<5.0	<10	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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 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	
																			(FEET)
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	<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	<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	<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	<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	<10	<5.0	<5.0	<10	ND	
SCIMW-17	SCI	R	8/29/1996	6.55	<20	<10	<5.0	<5.0	<10	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<10	<5.0	<5.0	<10	ND	
SCIMW-22	SCI	P	9/30/2004	6.08	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND	
SCIMW-24	SCI	N	5/6/1997	4.44	<100	<50	<25	<25	<50	<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	<10	ND	
SCIMW-25	SCI	H	5/30/2001	Well Destroyed															

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

SAMPLE	CONSULTANT	SITE REF	DATE	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	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
					(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)	(µg/L)
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	SCI	Q	9/30/2004	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-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	7.83	<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-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	7.80	<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	SCI	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-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
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	SCI	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

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)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	8240s*
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	SCI	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-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	8.75	<20	<10	<5.0	180	<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
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	SCI	I/J	10/6/2004	6.95	<50	<25	<13	140	<25	<13	<13	<13	<13	<13	<25	<13	<13	<25	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 = Methyl ethyl ketone
 ug/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	0.84	<20	<20	-	14	<5.0	<5.0	<10	38
SCIMW-2	SCI	Filtered	N	5/23/1996	4.04	<60	11	480	<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	9/18/1996	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	12/10/1996	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	6.43	<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	4.83	<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	83
SCIMW-6	SCI	Filtered	C	8/26/1999	6.56	<60	<5.0	43	<2.0	<5.0	<10	-	<20	28	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	260	<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	81	<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	8/28/1996	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 (ug/L)	ARSENIC (ug/L)	BARIUM (ug/L)	BERYLLIUM (ug/L)	CADMIUM (ug/L)	CHROMIUM (ug/L)	CHROMIUM VI (ug/L)	COBALT (ug/L)	COPPER (ug/L)	LEAD (ug/L)	MERCURY (ug/L)	MOLYBDENUM (ug/L)	NICKEL (ug/L)	POTASSIUM (ug/L)	SELENIUM (ug/L)	SILVER (ug/L)	THALLIUM (ug/L)	VANADIUM (ug/L)	ZINC (ug/L)			
SCIMW-11	SCI	Filtered	N	8/28/1996	3.83	<80	<5.0	210	<2.0	<2.0	<10	-	<20	<10	<3.0	0.62	<20	<20	-	18	<5.0	<5.0	<10	<20			
SCIMW-11	SCI	Filtered	N	1/17/1997	4.32	<80	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	<80	<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	<80	<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	5/8/1999	3.48	<80	<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	<80	<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	<80	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	<80	<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	<80	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	<80	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	<80	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	<80	<5.0	16	<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	4.86	<80	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	<80	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	<80	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	<80	14	220	3.6	<2.0	<10	-	<20	<10	<3.0	<0.20	<20	<20	-	22	<5.0	<5.0	28	<20			
SCIMW-17	SCI	Filtered	R	8/29/1996	6.55	<80	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	<80	<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+	<80	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	<80	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	<80	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	<80	23	150	<2.0	<2.0	<10	-	<20	<10	<3.0	<0.20	<20	22	-	24	<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-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	7.87	<60	6.8	1,800	<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	-	-	6.8	-	-	-	-	-	-	-	-	-			
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	280			
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			
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	1/23/2003	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			

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-29	SCI	Filtered	H	5/20/1997	7.48	<60	<5.0	180	<2.0	<6.0	<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	5/8/1999	4.49	-	-	-	-	-	-	-	-	-	<3.0	-	-	-	-	-	-	-	-	-
SCIMW-34	SCI	Filtered	H	8/28/1999	6.88	-	-	-	-	-	-	-	-	-	<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	19.58	--	--	--	--	--	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	SCI	F	10/4/2004	5.35	6.57	--	-159.0	-155.3	--	16,640	--	20.21	20.81	--	--	--	--	--	1.12
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	SCI	F	9/30/2004	-1.11	6.57	--	-300.7	-308.8	--	22,230	--	18.90	18.81	--	--	--	--	--	0.07
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	SCI	F	10/1/2004	6.37	6.20	--	94.1	-19.7	--	5,931	--	20.44	19.03	--	--	--	--	--	1
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	7.89	--	141.5	--	--	11,040	--	18.67	--	--	--	--	--	--	6.10
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

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-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	--	6,366	9,390	17.67	18.61	--	--	4.9	--	--	3.05
SCIMW-2	SCI	N	4/6/2000	2.83	6.83	--	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	SCI	N	10/4/2004	3.24	6.54	--	-78.4	-151.6	--	19,111	--	20.80	21.24	--	--	--	--	--	0.75
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	--	--	--	--	--	5.36
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	SCI	I/J	10/4/2004	6.32						no readings taken, free product present									
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	-126.7	--	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
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															

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-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	6.80	--	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	6.25	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	--	11,080	--	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-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
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	SCI	I	10/6/2004	7.29	6.18	--	-46.3	-111.9	--	17,154	--	22.36	22.88	--	--	--	--	--	1.68

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-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	10/6/2000	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	SCI	I	10/4/2004	6.16	6.26	--	-187.7	-214.3	--	12,800	--	23.61	22.53	--	--	--	--	--	0.79
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	--	19,690	--	20.29	20.96	--	--	--	--	--	1.06
SCIMW-11	SCI	N	9/23/1998	4.72	7.01	6.5	-158.0	--	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	--	286.4	-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
SCIMW-11	SCI	N	10/1/2004	2.79	6.7	--	16.7	-6.2	--	14,950	--	23.40	23.08	--	--	--	--	--	6

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-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	SCI	J	10/4/2004	6.87	6.6	--	-281.6	-331.4	--	22,050	--	22.12	23.44	--	--	--	--	--	1.98
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															

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	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	--
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	6.60	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	SCI	I/J	10/1/2004	4.97	6.49	--	-108.9	-107.8	--	9,232	--	20.81	23.34	--	--	--	--	--	0.62
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															

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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	5/6/1997	7.44	--	6.9	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-21	SCI	D	9/22/1998	7.54	6.91	6.9	228.0	--	--	--	--	--	--	--	--	--	--	--	0.18
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	--	11,880	--	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	5.38	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	SCI	P	10/4/2004	6.08	6.59	--	-253.4	-261.7	--	19,480	--	24.41	25.54	--	--	--	--	--	1.13
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															

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	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
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	--	23.81	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	SCI	N	10/4/2004	5.11	6.15	--	-116.6	-106.4	--	4,011	--	22.87	24.55	--	--	--	--	--	1.17
SCIMW-24	SCI	N	N	5.73	4.76	--	-117.1	-115.9	--	1,083	--	19.14	19.53	--	--	--	--	--	0.68
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	--	14.87	15.52	--	--	--	--	--	3.14
SCIMW-26	SCI	H	10/4/2004	7.75	5.98	--	-40.3	-92.2	--	10,880	--	21.52	22.83	--	--	--	--	--	1.47
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



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	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
SCIMW-28	SCI	Q	10/6/2004	7.81	6.05	--	-35.4	-16.8	--	758	--	19.77	18.89	--	--	--	--	--	0.93
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	SCI	Q	10/6/2004	7.48	6.65	--	29.5	-195	--	4,956	--	18.13	17.42	--	--	--	--	--	2.04
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	18.54	--	--	--	--	--	4.74
SCIMW-30	SCI	P	10/4/2004	7.45	6.66	--	-381.7	-355.1	--	15,970	--	20.92	20.91	--	--	--	--	--	1.84

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-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	SCI	P	10/4/2004	5.37	7.22	-	-144.8	-17.4	-	10,830	-	24.59	20.05	-	-	-	-	-	3.25
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	21.46	-	-	-	-	-	3.82
SCIMW-32	SCI	I/P	10/4/2004	7.79	6.48	-	-229.7	-211.2	-	11,680	-	23.44	22.94	-	-	-	-	-	1.04
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	-	-89.5	-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	SCI	I/J	10/6/2004	6.95	6.5	-	-114.2	-122.7	-	7,511	-	24.55	23.40	-	-	-	-	-	0.98

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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	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	SCI	R	10/6/2004	4.88	6.29	--	211.1	164.3	--	16,320	--	19.19	19.15	--	--	--	--	--	1.36
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	SCI	R	10/6/2004	4.84	6.41	--	176	123.1	--	14,050	--	21.02	21.49	--	--	--	--	--	1.22

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

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) Perilene (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	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	--	--	--	
SCIMW-4	SCI	L	8/28/1996	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	4.83	<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-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	4.89	<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	4.88	<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-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	--	<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	--	--	--	

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) Perilene (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	Unfiltered
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	8/29/1996	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	<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	6.64	<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	<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-18	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	--	
SCIMW-20	SCI	H/Q	5/30/2001	Well Destroyed																											



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) Perylene (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	Unfiltered	Filtered	
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	--	<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	4.98	--	<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	--		
SCIMW-24	SCI	N	5/6/1999	5.14	--	<10	--	<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	--	<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	--	<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	--	<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	--	<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	<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	<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	--	<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	--	<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	--	<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	--	<9.6	--
SCIMW-35	SCI	R	10/20/1997	4.87	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<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	8/28/1996	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	8/28/1996	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 ($\mu\text{g/L}$)	NITRATE/ NITRITE-N ($\mu\text{g/L}$)	TOTAL PHOSPHORUS ($\mu\text{g/L}$)	
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:

$\mu\text{g/L}$ = micrograms per liter or parts per billion

-- = Not tested

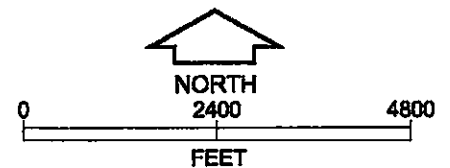
<10 = Compound not detected at or above stated reporting limit

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.

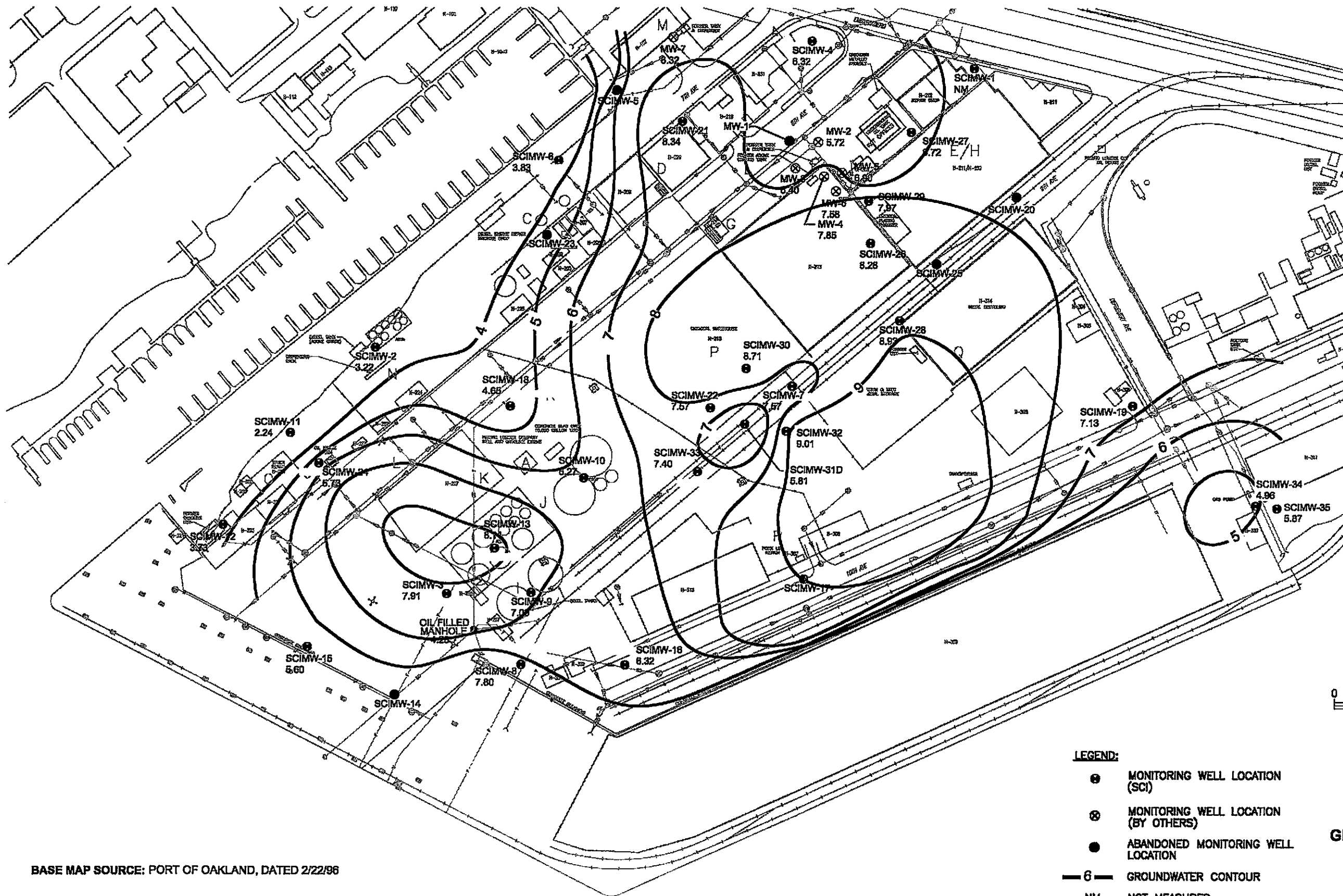
Fugro West, Inc. (Fugro) acquired the assets of Subsurface Consultants, Inc. (SCI) in September 2001.



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

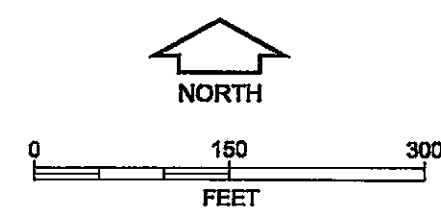


VICINITY MAP
January Quarterly and April Semi-Annual
Groundwater Monitoring - 2005
Ninth Avenue Terminal, Port of Oakland
Oakland, California



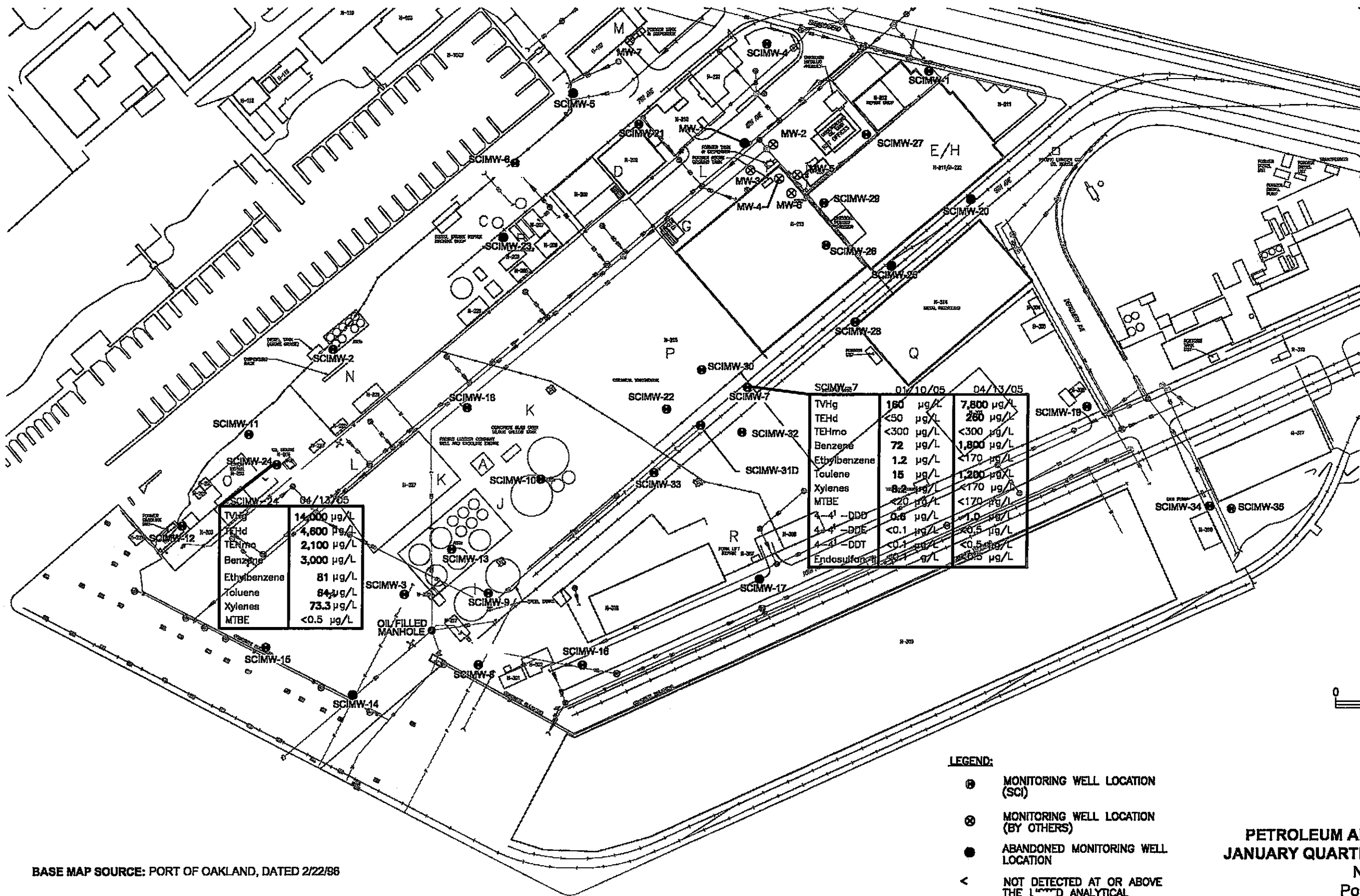
G:\jobdocs\133\133.023\Drawings\B133.023_02.dwg 6-06-05 03:05:32 PM mbojuniam

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



- LEGEND:**
- MONITORING WELL LOCATION (SC)
 - ⊗ MONITORING WELL LOCATION (BY OTHERS)
 - ABANDONED MONITORING WELL LOCATION
 - 6 — GROUNDWATER CONTOUR
 - NM NOT MEASURED

**GROUNDWATER ELEVATIONS
APRIL 2005**
Ninth Avenue Terminal
Port of Oakland, California

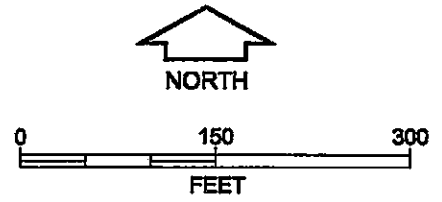


04/12/05

TVHg	14,000 µg/L
TEHd	4,600 µg/L
TEHmo	2,100 µg/L
Benzene	3,000 µg/L
Ethylbenzene	81 µg/L
Toluene	64 µg/L
Xylenes	73.3 µg/L
MTBE	<0.5 µg/L

SCIMW-7 01/10/05 04/13/05

TVHg	160 µg/L	7,800 µg/L
TEHd	<50 µg/L	260 µg/L
TEHmo	<300 µg/L	<300 µg/L
Benzene	72 µg/L	1,800 µg/L
Ethylbenzene	1.2 µg/L	<170 µg/L
Toluene	15 µg/L	1,200 µg/L
Xylenes	8.2 µg/L	<170 µg/L
MTBE	<20 µg/L	<170 µg/L
2,4'-DDB	0.6 µg/L	1.0 µg/L
4,4'-DDE	<0.1 µg/L	<0.5 µg/L
4,4'-DDT	<0.1 µg/L	<0.5 µg/L
Endosulfan	0.7 µg/L	0.5 µg/L

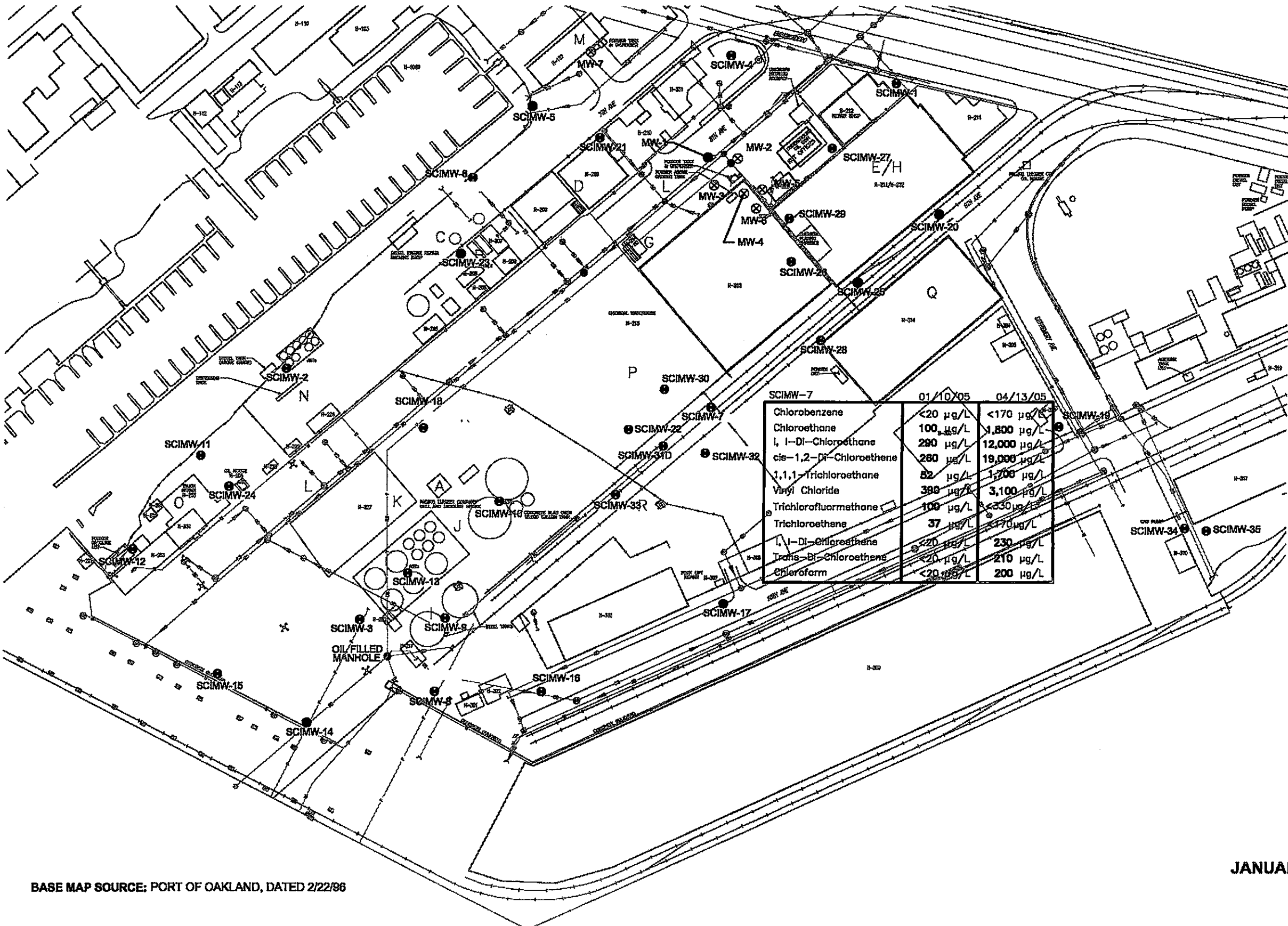


BASE MAP SOURCE: PORT OF OAKLAND, DATED 2/22/96

- LEGEND:**
- ⊙ MONITORING WELL LOCATION (SCI)
 - ⊗ MONITORING WELL LOCATION (BY OTHERS)
 - ABANDONED MONITORING WELL LOCATION
 - < NOT DETECTED AT OR ABOVE THE LISTED ANALYTICAL
 - 8,200** DETECTED CONCENTRATIONS IN BOLD

**PETROLEUM AND PESTICIDE CONCENTRATIONS
JANUARY QUARTERLY AND APRIL SEMI-ANNUAL 2005**
Ninth Avenue Terminal
Port of Oakland, California

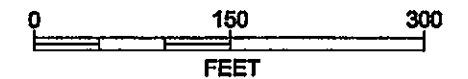
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	01/10/05	04/13/05
Chlorobenzene	<20 µg/L	<170 µg/L
Chloroethane	100 µg/L	1,800 µg/L
1,1-Di-Chloroethane	290 µg/L	12,000 µg/L
cis-1,2-Di-Chloroethane	280 µg/L	19,000 µg/L
1,1,1-Trichloroethane	82 µg/L	1,700 µg/L
Vinyl Chloride	390 µg/L	3,100 µg/L
Trichlorofluoromethane	100 µg/L	<250 µg/L
Trichloroethene	37 µg/L	<170 µg/L
1,1-Di-Chloroethene	<20 µg/L	230 µg/L
Trans-Di-Chloroethene	<20 µg/L	210 µg/L
Chloroform	<20 µg/L	200 µg/L

LEGEND:

- MONITORING WELL LOCATION (SCI)
- ⊗ MONITORING WELL LOCATION (BY OTHERS)
- ABANDONED MONITORING WELL LOCATION
- < NOT DETECTED AT OR ABOVE THE LISTED ANALYTICAL
- 4,800** DETECTED CONCENTRATIONS IN BOLD



VOC CONCENTRATIONS
JANUARY QUARTERLY AND APRIL SEMI-ANNUAL 2005
Ninth Avenue Terminal
Port of Oakland, California

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

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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) 567-5700
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.

1. **Regional Case Approach** – ACEH has decided to combine all existing and all future release areas at this site into one site, which is consistent with the Regional Approach. This decision is based upon the following observations:

- Site information has previously been presented individually or consolidated into a site-wide monitoring report. Several of the LOP sites within the Ninth Ave. Terminal area have been proposed for no further action by the Port. Data is scattered among seven sites, six LOP and one TOXIC (SLIC). Consolidation of sites and data will allow for easier data presentation, review and interpretation. No further action can be given to specific tank locations while the other areas of concern continue to be investigated, with site closure as the ultimate objective.
- Cost apportionment has been completed between the Port and RPs and no other RPs are expected to be identified.
- Given the expected most conservative future residential use of the site, it makes sense to use a regional approach and consolidate all sites.
- Additional contamination is likely to be identified given the historic industrial site use and the presence of solvent contamination. Petroleum contamination has been identified in areas remote from known UST releases indicating the potential of additional surface releases. Contamination may be discovered during the demolition of buildings during development. Under the single site scenario, no new sites would need to be established.

As such, ACEH will consolidate Fuel Leak Case No. RO106, RO108, RO109, RO110, RO244, RO485 into one case, RO2492, named Port of Oakland / Ninth Avenue Terminal. A letter requesting additional fees for this account will follow.

2. **Work Plan Review** - Based upon the assumption that OHP would develop a regional approach, the Port suspended monitoring and proposed work plan activities. However delays in the sales has made this regional approach unpredictable. Several site-specific work plans have been submitted to ACEH, which the Port has recently committed to implement. ACEH will be providing comment on the submitted work plans addressing specific UST release areas. ACEH will also be requesting work plan(s) for additional site characterization of contaminants at this site.
3. **Plume Characterization** - The Port's October 13, 2003 letter states that groundwater impacts remain relatively consistent and plumes are stable, however, no specific data was provided to support this claim. In addition, most sites have not been completely characterized, therefore, it is not yet appropriate to discuss plume stability.
4. **Human Health and Ecological Risk Assessment** - A formal human health or environmental risk assessment has not been performed for the site; therefore, it is premature to suggest that the site currently poses minimal risk to human health and the environment. ACEH notes that a prior soil vapor study performed at the site identified numerous locations where soil vapor samples exceeded 10% of the LEL of methane, indicative of a potential hazardous condition.

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 9 th 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:

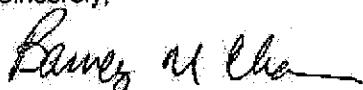
"I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true to the best of my knowledge."

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
 Hazardous Materials Specialist

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

**APPENDIX B
WELL SAMPLING FORMS**



WELL SAMPLING FORM

PROJECT NAME: 9th Avenue - KOT
 PROJECT NO.: 133.023
 SAMPLED BY: Melissa L. Pleva
 DATE: 1/10/05
 WEATHER: Sunny 65°

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

TOTAL DEPTH OF CASING (BTOC): 18.27 FEET
 DEPTH TO GROUNDWATER (BTOC): 3.91 FEET
 FEET OF WATER IN WELL: 14.36 FEET
 CALCULATED PURGE VOLUME: 7.03 gallons
 (feet of water * casing dia² * .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)	1320	18.55	8.01	19,361	14.37	-131.9	2.54	
2.5	1335	15.08	7.94	8,579	6.876	-92.7	4.14	
5.0	1345	16.59	7.86	12,659	9.804	-80.2	3.38	
7.0	1355	17.73	7.76	14,870	11.23	-65.1	4.30	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.85' TIME SAMPLED: 1430

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE: 5 / none 3 / none
40 ML LITER
Poly OTHER

ANALYSES: (Note if any samples are field filtered)

<input checked="" type="checkbox"/> TEHd, TEHmo (8015 w/ Silica gel)	<input checked="" type="checkbox"/> Pesticides (8080)	_____
<input checked="" type="checkbox"/> TVHg	_____ PCBs (8080)	_____
<input checked="" type="checkbox"/> VOCs (8260)	_____ Sulfate (300.0)	_____
_____ HVOCs (8260)	_____ Nitrate (300.0)	_____
_____ Title 22 Metals (6010/9000)	_____ Fe ²⁺ - Field Filtered	_____

MISC FIELD OBSERVATION: _____



WELL SAMPLING FORM

PROJECT NAME: 9th Avenue - KOT
 PROJECT NO.: 133.023
 SAMPLED BY: Melissa L. Pleva
 DATE: 4/12/05
 WEATHER: Sunny, 60's

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

TOTAL DEPTH OF CASING (BTOC): 1825 FEET
 CALCULATED PURGE VOLUME: 6.63 gallons
 (feet of water * casing dia² * .0408 * # of Volumes)
 DEPTH TO GROUNDWATER (BTOC): 4.67 FEET
 FREE PRODUCT: none
 FEET OF WATER IN WELL: 13.56 FEET
 PURGE METHOD: bail

MEASUREMENT METHOD: ELECTRONIC SOUNDER OR OTHER merbau probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	16:15	16.38	3.92	13,850	10.78	-49.3	2.34	
1.5	16:20	16.14	4.39	13,000	10.18	-69.7	2.77	clear, no odor
3.0	16:25	16.44	4.34	14,250	11.07	-75.3	2.29	"
4.5	16:36	17.09	4.43	17,720	13.56	-49.7	5.48	"
6.0	16:40	17.55	4.51	20,520	15.56	-90.3	2.73	"
6.0								

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.71 TIME SAMPLED: 0900

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE: 6 / none 3 / none
 40 ML LITER
 Poly OTHER

ANALYSES: (Note if any samples are field filtered)

<input checked="" type="checkbox"/> TEHd, TEHmo (8015 w/ Silica gel)	<input checked="" type="checkbox"/> Pesticides (8080)
<input checked="" type="checkbox"/> TVHg	<input type="checkbox"/> PCBs (8080)
<input checked="" type="checkbox"/> VOCs (8260)	<input type="checkbox"/> Sulfate (300.0)
<input type="checkbox"/> HVOCs (8260)	<input type="checkbox"/> Nitrate (300.0)
<input type="checkbox"/> Title 22 Metals (6010/9000)	<input type="checkbox"/> Fe ²⁺ - Field Filtered

MISC FIELD OBSERVATION: _____



WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal -KOT
 PROJECT NO.: 133.023
 SAMPLED BY: Melissa L. Pleva
 DATE: 4/12/05
 WEATHER: Sunny, 60°s

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

TOTAL DEPTH OF CASING (BTOC): 16.90 FEET
 DEPTH TO GROUNDWATER (BTOC): 3.95 FEET
 FEET OF WATER IN WELL: 12.95 FEET
 CALCULATED PURGE VOLUME: _____ gallons
 (feet of water * casing dia² * .0408 * # of Volumes)
 FREE PRODUCT: None
 PURGE METHOD: batch

MEASUREMENT METHOD: ELECTRONIC SOUNDER OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	12:45	19.14	4.32	1477	1.083	-117.1	0.68	hydrocarbon odor
1.5	12:55	19.58	4.78	1326	0.961	-132.4	3.76	Sheen on bailer / Avg Hz
3.0	13:00	19.86	4.73	1393	1.004	-111.8	2.93	"
4.5	13:05	19.48	4.73	1526	1.109	-119.4	2.18	"
6.3	13:11	19.53	4.76	1559	1.132	-115.9	2.70	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.01 TIME SAMPLED: 0945

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE: 0 / none
40 ML
2 / none
LITER
Poly
OTHER

ANALYSES: (Note if any samples are field filtered)

<input checked="" type="checkbox"/> TEHd, TEHmo (8015 w/ Silica gel)	<input type="checkbox"/> Pesticides (8080)	_____
<input checked="" type="checkbox"/> TVHg, BTEX, MTBE (8015/8020)	<input type="checkbox"/> PCBs (8080)	_____
<input type="checkbox"/> VOCs (8260)	<input type="checkbox"/> Sulfate (300.0)	_____
<input type="checkbox"/> HVOCs (8260)	<input type="checkbox"/> Nitrate (300.0)	_____
<input type="checkbox"/> Title 22 Metals (6010/9000)	<input type="checkbox"/> Fe ²⁺ - Field Filtered	_____

MISC FIELD OBSERVATION: _____

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



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

RECEIVED
JAN 31 2005

BY: _____

ANALYTICAL REPORT

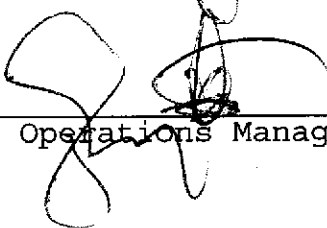
Prepared for:

Fugro West, Inc.
1000 Broadway
Suite 200
Oakland, CA 94607

Date: 26-JAN-05
Lab Job Number: 177066
Project ID: 133.023
Location: 9th Ave Terminal/POO (KOT)

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: 
Project Manager

Reviewed by: 
Operations Manager

This package may be reproduced only in its entirety.

CASE NARRATIVE

Laboratory number: 177066
Client: Fugro West, Inc.
Project: 133.023
Location: 9th Ave Terminal/POO (KOT)
Request Date: 01/10/05
Samples Received: 01/10/05

This hardcopy data package contains sample and QC results for one water sample, requested for the above referenced project on 01/10/05. The sample was received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B and EPA 8021B):

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):

No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Pesticides (EPA 8081A):

High ICAL percent RSD (relative standard deviation) was observed for 4,4'-DDT in the calibration analyzed 01/19/05 05:35; average ICAL %RSD met method requirements, and affected data was qualified with "b". No other analytical problems were encountered.

177066

CHAIN OF CUSTODY

PROJECT NAME: 9th Avenue Terminal - Port of Oakland
 PROJECT NO.: 133.023 LAB: C&T
 PROJECT CONTACT: Melissa L. Pleva TURNAROUND: Standard
 SAMPLED BY: Melissa L. Pleva REQUESTED BY: Melissa L. Pleva

ANALYSIS REQUESTED							
TEHQ, mo w/ silica gel (8015m)							
TVHg, BTEX (8015m / 8020)							
VOCs (8260 / 8040)							
MTBE (8260)							
Pesticides (8080)							
Metals (EPA 6010/7000; filtered; Title 22)							


LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX			CONTAINERS				PRESERVATIVE					SAMPLING DATE				NOTES	
		WATER	SOIL	AIR	VOA	LITER	PINT	TUBE	HCL	H ₂ SO ₄	HNO ₃	ICE	OTHER	NONE	MONTH	DAY	YEAR		TIME
	SCIMW-7	X			5	3						X			0	1	05	1430	

CHAIN OF CUSTODY RECORD			
RELINQUISHED BY: (Signature) <i>Melissa L. Pleva</i>	DATE/TIME 11/10/05 13:00	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE/TIME 11/10/05 15:00
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:
 VOAs are UNPRESERVED

Received
 Cold Ambient On Ice Intact

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

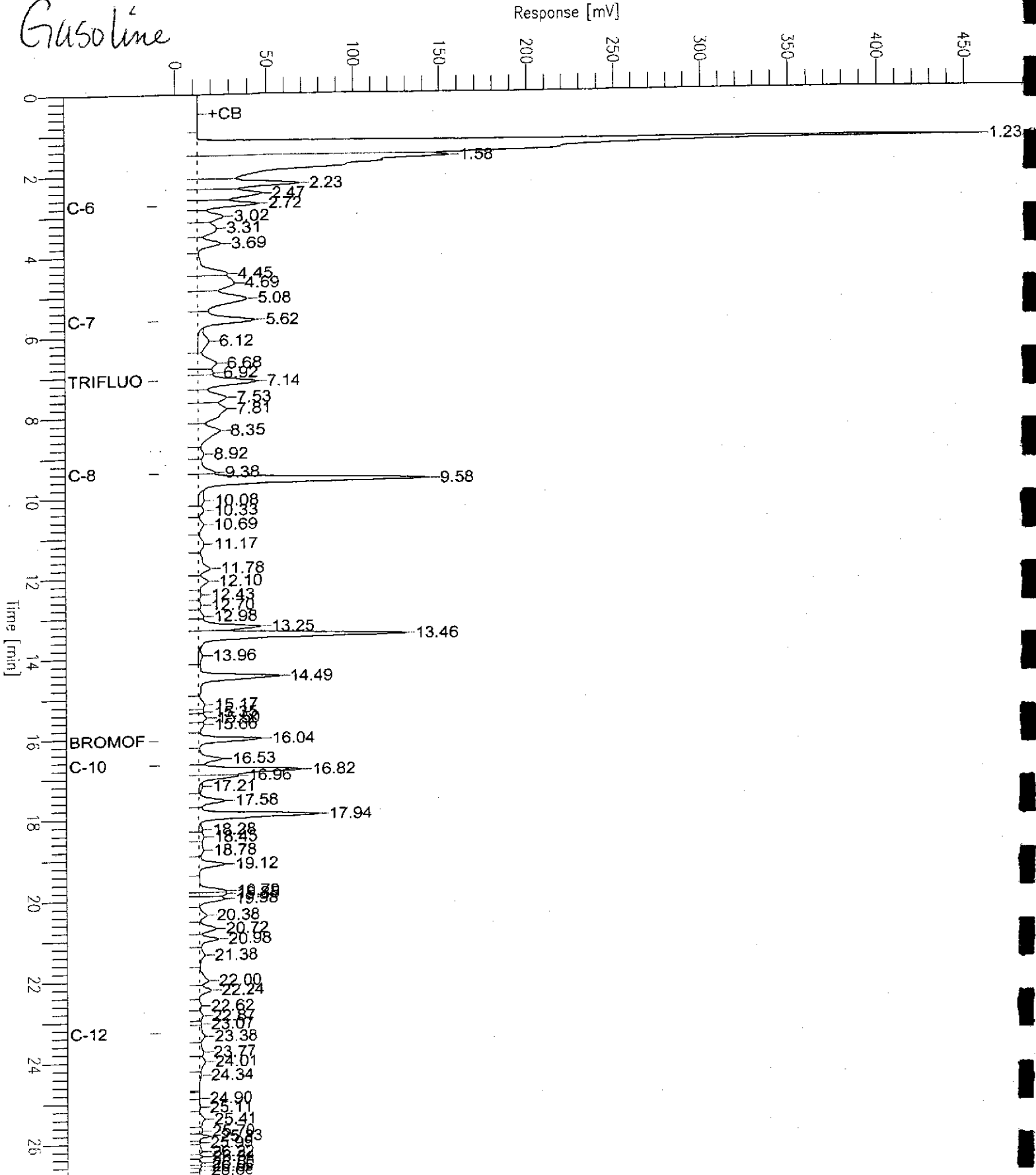


GC19 TVH 'X' Data File (FID)

Sample Name : ccv/lcs,gc278824,98145,04ws2408,5/5000
 FileName : G:\GC19\DATA\010X003.raw
 Method : TVHBTXE
 Start Time : 0.00 min
 Scale Factor : 1.0

Page 1 of 1
 Date : 1/10/05 11:15 AM
 Time of Injection: 1/10/05 10:48 AM
 Low Point : -9.76 mV
 High Point : 457.94 mV
 Plot Offset: -10 mV
 Plot Scale: 467.7 mV

Gasoline



Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	177066	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC278822	Batch#:	98145
Matrix:	Water	Analyzed:	01/10/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	18.92	95	80-120
Toluene	20.00	19.93	100	80-120
Ethylbenzene	20.00	19.42	97	80-120
m,p-Xylenes	20.00	19.42	97	80-120
o-Xylene	20.00	19.16	96	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	100	59-133
Bromofluorobenzene (PID)	106	76-128



Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	177066	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:	QC278823	Batch#:	98145
Matrix:	Water	Analyzed:	01/10/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,040	102	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	123	70-141
Bromofluorobenzene (FID)	111	80-143



Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	177066	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	98145
MSS Lab ID:	177055-004	Sampled:	01/06/05
Matrix:	Water	Received:	01/10/05
Units:	ug/L	Analyzed:	01/10/05
Diln Fac:	1.000		

Type: MS Lab ID: QC278869

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	<22.03	2,000	2,065	103	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	126	70-141
Bromofluorobenzene (FID)	114	80-143

Type: MSD Lab ID: QC278870

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,039	102	80-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	118	70-141
Bromofluorobenzene (FID)	108	80-143



Total Extractable Hydrocarbons

Lab #:	177066	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	SCIMW-7	Sampled:	01/10/05
Matrix:	Water	Received:	01/10/05
Units:	ug/L	Prepared:	01/18/05
Diln Fac:	1.000	Analyzed:	01/19/05
Batch#:	98406		

Type: SAMPLE Cleanup Method: EPA 3630C
 Lab ID: 177066-001

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	111	53-143

Type: BLANK Cleanup Method: EPA 3630C
 Lab ID: QC279838

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	108	53-143

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	177066	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC279839	Batch#:	98406
Matrix:	Water	Prepared:	01/18/05
Units:	ug/L	Analyzed:	01/20/05

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,473	99	51-131

Surrogate	%REC	Limits
Hexacosane	99	53-143

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	177066	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	98406
MSS Lab ID:	177140-002	Sampled:	01/13/05
Matrix:	Water	Received:	01/13/05
Units:	ug/L	Prepared:	01/18/05
Diln Fac:	1.000	Analyzed:	01/19/05

Type: MS Lab ID: QC279840

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	30.41	2,500	2,810	111	38-128

Surrogate	%REC	Limits
Hexacosane	116	53-143

Type: MSD Lab ID: QC279841

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,775	110	38-128	1	45

Surrogate	%REC	Limits
Hexacosane	115	53-143

Purgeable Organics by GC/MS

Lab #:	177066	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	98189
Lab ID:	177066-001	Sampled:	01/10/05
Matrix:	Water	Received:	01/10/05
Units:	ug/L	Analyzed:	01/11/05

Analyte	Result	RL	Diln Fac
Freon 12	ND	40	4.000
Chloromethane	ND	40	4.000
Vinyl Chloride	390	71	7.143
Bromomethane	ND	40	4.000
Chloroethane	100	40	4.000
Trichlorofluoromethane	ND	20	4.000
Acetone	ND	80	4.000
Freon 113	ND	20	4.000
1,1-Dichloroethene	ND	20	4.000
Methylene Chloride	ND	80	4.000
Carbon Disulfide	ND	20	4.000
MTBE	ND	20	4.000
Trans-1,2-Dichloroethene	ND	20	4.000
Vinyl Acetate	ND	200	4.000
1,1-Dichloroethane	290	20	4.000
2-Butanone	ND	40	4.000
Cis-1,2-Dichloroethene	260	20	4.000
2,2-Dichloropropane	ND	20	4.000
Chloroform	ND	20	4.000
Bromochloromethane	ND	40	4.000
1,1,1-Trichloroethane	52	20	4.000
1,1-Dichloropropene	ND	20	4.000
Carbon Tetrachloride	ND	20	4.000
1,2-Dichloroethane	ND	20	4.000
Benzene	74	20	4.000
Trichloroethene	37	20	4.000
1,2-Dichloropropane	ND	20	4.000
Bromodichloromethane	ND	20	4.000
Dibromomethane	ND	20	4.000
2-Methyl-2-Pentanone	ND	40	4.000
Cis-1,3-Dichloropropene	ND	20	4.000
Toluene	ND	20	4.000
Trans-1,3-Dichloropropene	ND	20	4.000
1,1,2-Trichloroethane	ND	20	4.000
2-Hexanone	ND	40	4.000
1,3-Dichloropropane	ND	20	4.000
Tetrachloroethene	ND	20	4.000
Dibromochloromethane	ND	20	4.000

Purgeable Organics by GC/MS

Lab #:	177066	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	98189
Lab ID:	177066-001	Sampled:	01/10/05
Matrix:	Water	Received:	01/10/05
Units:	ug/L	Analyzed:	01/11/05

Analyte	Result	RL	Diln Fac
1,2-Dibromoethane	ND	20	4.000
Chlorobenzene	ND	20	4.000
1,1,1,2-Tetrachloroethane	ND	20	4.000
Ethylbenzene	ND	20	4.000
m,p-Xylenes	ND	20	4.000
o-Xylene	ND	20	4.000
Styrene	ND	20	4.000
Bromoform	ND	20	4.000
Isopropylbenzene	ND	20	4.000
1,1,2,2-Tetrachloroethane	ND	20	4.000
1,2,3-Trichloropropane	ND	20	4.000
Propylbenzene	ND	20	4.000
Bromobenzene	ND	20	4.000
1,3,5-Trimethylbenzene	ND	20	4.000
2-Chlorotoluene	ND	20	4.000
4-Chlorotoluene	ND	20	4.000
tert-Butylbenzene	ND	20	4.000
1,2,4-Trimethylbenzene	ND	20	4.000
sec-Butylbenzene	ND	20	4.000
para-Isopropyl Toluene	ND	20	4.000
1,3-Dichlorobenzene	ND	20	4.000
1,4-Dichlorobenzene	ND	20	4.000
n-Butylbenzene	ND	20	4.000
1,2-Dichlorobenzene	ND	20	4.000
1,2-Dibromo-3-Chloropropane	ND	20	4.000
1,2,4-Trichlorobenzene	ND	20	4.000
Hexachlorobutadiene	ND	20	4.000
Naphthalene	ND	20	4.000
1,2,3-Trichlorobenzene	ND	20	4.000

Surrogate	%REC	Limits	Diln Fac
Dibromofluoromethane	86	80-120	4.000
1,2-Dichloroethane-d4	100	80-120	4.000
Toluene-d8	108	80-120	4.000
Bromofluorobenzene	98	80-122	4.000

Patch QC Report

Purgeable Organics by GC/MS

Lab #:	177066	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:	QC278969	Batch#:	98189
Matrix:	Water	Analyzed:	01/11/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MIBK	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
trans-1,2-Dichloroethane	ND	5.0
acetone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
trans-1,2-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
trans-1-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
trans-2-Hexanone	ND	10
trans-1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND = Not Detected
 RL = Reporting Limit
 Page 1 of 2

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177066	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:	QC278969	Batch#:	98189
Matrix:	Water	Analyzed:	01/11/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	91	80-120
1,2-Dichloroethane-d4	97	80-120
Toluene-d8	108	80-120
Bromofluorobenzene	90	80-122

ND= Not Detected

RL= Reporting Limit

Page 2 of 2

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177066	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	98189
Units:	ug/L	Analyzed:	01/11/05
Diln Fac:	1.000		

Type: BS Lab ID: QC278967

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	46.53	93	75-120
Benzene	50.00	46.64	93	79-120
Trichloroethene	50.00	43.68	87	79-120
Toluene	50.00	51.63	103	80-120
Chlorobenzene	50.00	53.33	107	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	86	80-120
1,2-Dichloroethane-d4	97	80-120
Toluene-d8	105	80-120
Bromofluorobenzene	90	80-122

Type: BSD Lab ID: QC278968

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	50.00	41.99	84	75-120	10	20
Benzene	50.00	43.73	87	79-120	6	20
Trichloroethene	50.00	42.28	85	79-120	3	20
Toluene	50.00	43.74	87	80-120	17	20
Chlorobenzene	50.00	44.10	88	80-120	19	20

Surrogate	%REC	Limits
Dibromofluoromethane	82	80-120
1,2-Dichloroethane-d4	92	80-120
Toluene-d8	109	80-120
Bromofluorobenzene	97	80-122

**Organochlorine Pesticides**

Lab #:	177066	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Field ID:	SCIMW-7	Batch#:	98377
Lab ID:	177066-001	Sampled:	01/10/05
Matrix:	Water	Received:	01/10/05
Units:	ug/L	Prepared:	01/17/05
Diln Fac:	1.000	Analyzed:	01/20/05

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	0.6	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	1.1

Surrogate	*REC	Limits
TCMX	83	40-120
Decachlorobiphenyl	75	45-141

Batch QC Report

Organochlorine Pesticides

Lab #:	177066	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:	QC279715	Batch#:	98377
Matrix:	Water	Prepared:	01/17/05
Units:	ug/L	Analyzed:	01/19/05

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
Dieldrin	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
Dieldrin aldehyde	ND	0.1
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
DMX	82	40-120
Decachlorobiphenyl	94	45-141

Batch QC Report

Organochlorine Pesticides

Lab #:	177066	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Matrix:	Water	Batch#:	98377
Units:	ug/L	Prepared:	01/17/05
Diln Fac:	1.000	Analyzed:	01/20/05

Type: BS Lab ID: QC279716

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.2146 #	107	60-144
Heptachlor	0.2000	0.2101 #	105	53-153
Aldrin	0.2000	0.2024 #	101	59-120
Dieldrin	0.4000	0.4348	109	59-125
Endrin	0.4000	0.4403	110	58-142
4,4'-DDT	0.4000	0.4086 b	102	51-155

Surrogate	%REC	Limits
TCMX	83	40-120
Decachlorobiphenyl	98	45-141

Type: BSD Lab ID: QC279717

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.2000	0.2591 #	130	60-144	19	29
Heptachlor	0.2000	0.2400 #	120	53-153	13	30
Aldrin	0.2000	0.2332 #	117	59-120	14	27
Dieldrin	0.4000	0.4747	119	59-125	9	27
Endrin	0.4000	0.4080	102	58-142	8	31
4,4'-DDT	0.4000	0.4498 b	112	51-155	10	36

Surrogate	%REC	Limits
TCMX	93	40-120
Decachlorobiphenyl	101	45-141

#= CCV drift outside limits; average CCV drift within limits per method requirements

b= See narrative

RPD= Relative Percent Difference

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MAY 11 2005

ANALYTICAL REPORT

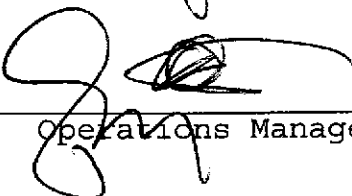
Prepared for:

Fugro West, Inc.
1000 Broadway
Suite 200
Oakland, CA 94607

Date: 04-MAY-05
Lab Job Number: 178873
Project ID: 133.023
Location: 9th Ave Terminal/POO (KOT)

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis.

Reviewed by: 
Project Manager

Reviewed by: 
Operations Manager

This package may be reproduced only in its entirety.

CASE NARRATIVE

Laboratory number: 178873
Client: Fugro West, Inc.
Project: 133.023
Location: 9th Ave Terminal/POO (KOT)
Request Date: 04/13/05
Samples Received: 04/13/05

This hardcopy data package contains sample and QC results for two water samples, requested for the above referenced project on 04/13/05. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B and EPA 8021B):

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):

No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Pesticides (EPA 8081A):

High ICAL percent RSD (relative standard deviation) was observed for 4,4'-DDT in the calibration analyzed 04/20/05 15:57; average ICAL %RSD met method requirements, and affected data was qualified with "b". Low surrogate recovery was observed for decachlorobiphenyl in SCIMW-7 (lab # 178873-001); the corresponding TCMX surrogate recovery was within limits. No other analytical problems were encountered.

CHAIN OF CUSTODY

PROJECT NAME: 9th Avenue Terminal - KOT
 PROJECT NO.: 133.023 LAB: C&T
 PROJECT CONTACT: Melissa L. Pleva TURNAROUND: Standard
 SAMPLED BY: Melissa L. Pleva REQUESTED BY: Melissa L. Pleva

ANALYSIS REQUESTED									
TEHd, mo w/ silica gel (8015m)									
TVHg (8015m / 8020)									
TVHg, BTEX (8015m / 8020)									
VOCs (8260 / 8040)									
MTBE (8260)									
Pesticides (8080)									

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX			CONTAINERS				PRESERVATIVE					SAMPLING DATE				NOTES	
		WATER	SOIL	AIR	VOA	LITER	PINT	TUBE	HCL	H ₂ SO ₄	HNO ₃	ICE	OTHER	NONE	MONTH	DAY	YEAR		TIME
	SCIMW-7	X			6	3						X			0	4	13	050900	
	SCIMW-24	X			6	2						X			0	4	13	050945	*

CHAIN OF CUSTODY RECORD			
RELINQUISHED BY: (Signature) <i>Melissa Pleva</i>	DATE/TIME 4/13/05 1520	RECEIVED BY: (Signature) <i>Summer Castro</i>	DATE/TIME 4/13/05 320
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:
VOAs are UNPRESERVED
 *Note: Sheen present on samples for well SCIMW-24.

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

Received On Ice
 Cold Ambient Intact

Curtis & Tompkins Laboratories Analytical Report

Lab #:	178873	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023		
Matrix:	Water	Sampled:	04/13/05
Units:	ug/L	Received:	04/13/05
Batch#:	101166	Analyzed:	04/14/05

Field ID:	SCIMW-7	Diln Fac:	10.00
Type:	SAMPLE	Analysis:	EPA 8015B
Lab ID:	178873-001		

Analyte	Result	RL
Gasoline C7-C12	7,800	500

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	63-141
Bromofluorobenzene (FID)	101	79-139

Field ID:	SCIMW-24	Lab ID:	178873-002
Type:	SAMPLE	Diln Fac:	10.00

Analyte	Result	RL	Analysis
Gasoline C7-C12	14,000 Z	500	EPA 8015B
Benzene	3,000	5.0	EPA 8021B
Toluene	64	5.0	EPA 8021B
Ethylbenzene	81	5.0	EPA 8021B
m,p-Xylenes	64	5.0	EPA 8021B
o-Xylene	9.3	5.0	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	130	63-141	EPA 8015B
Bromofluorobenzene (FID)	102	79-139	EPA 8015B
Trifluorotoluene (PID)	124	63-133	EPA 8021B
Bromofluorobenzene (PID)	104	79-128	EPA 8021B

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC290450		

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	92	63-141	EPA 8015B
Bromofluorobenzene (FID)	96	79-139	EPA 8015B
Trifluorotoluene (PID)	95	63-133	EPA 8021B
Bromofluorobenzene (PID)	98	79-128	EPA 8021B

Z= Sample exhibits unknown single peak or peaks
 ND= Not Detected
 RL= Reporting Limit
 Page 1 of 1

GC04 TVH 'J' Data File FID

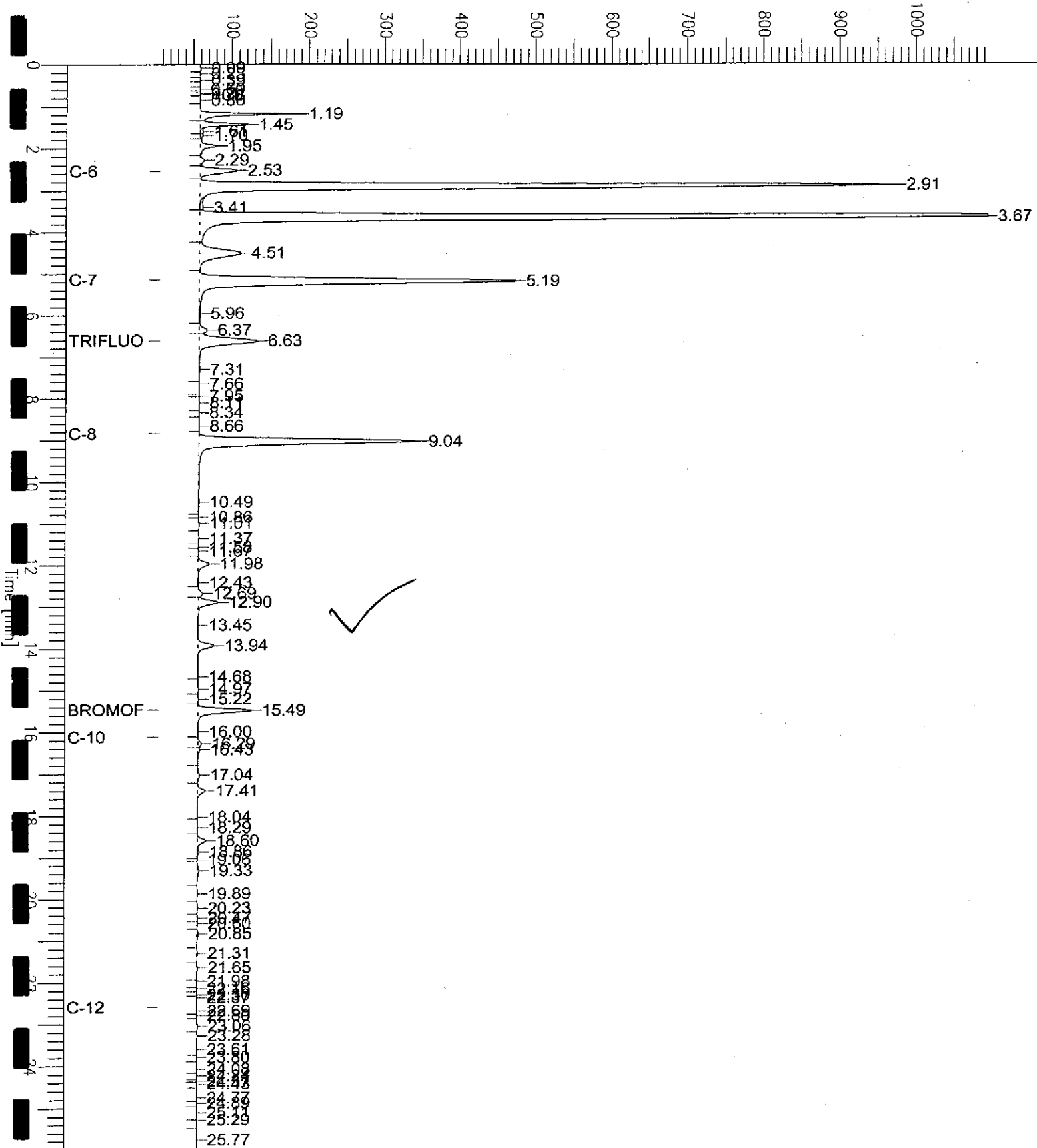
Sample Name : 178873-001,101166,tvh
 File Name : G:\GC04\DATA\104J017.raw
 Method : TVHBTXE
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 26.00 min
 Plot Offset : 7 mV

Sample #: b7
 Date : 4/14/05 08:30 PM
 Time of Injection: 4/14/05 08:04 PM
 Low Point : 6.94 mV
 High Point : 1094.54 mV
 Plot Scale: 1087.6 mV

SCIMW-7

Response [mV]



GC04 TVH 'J' Data File FID

Sample Name : 178873-002,101166

Sample #: b7

Page 1 of 1

FileName : G:\GC04\DATA\104J004.raw

Date : 4/15/05 12:23 PM

Method : TVHBTXE

Time of Injection: 4/14/05 12:19 PM

Start Time : 0.00 min

End Time : 26.00 min

Low Point : 27.60 mV

High Point : 686.39 mV

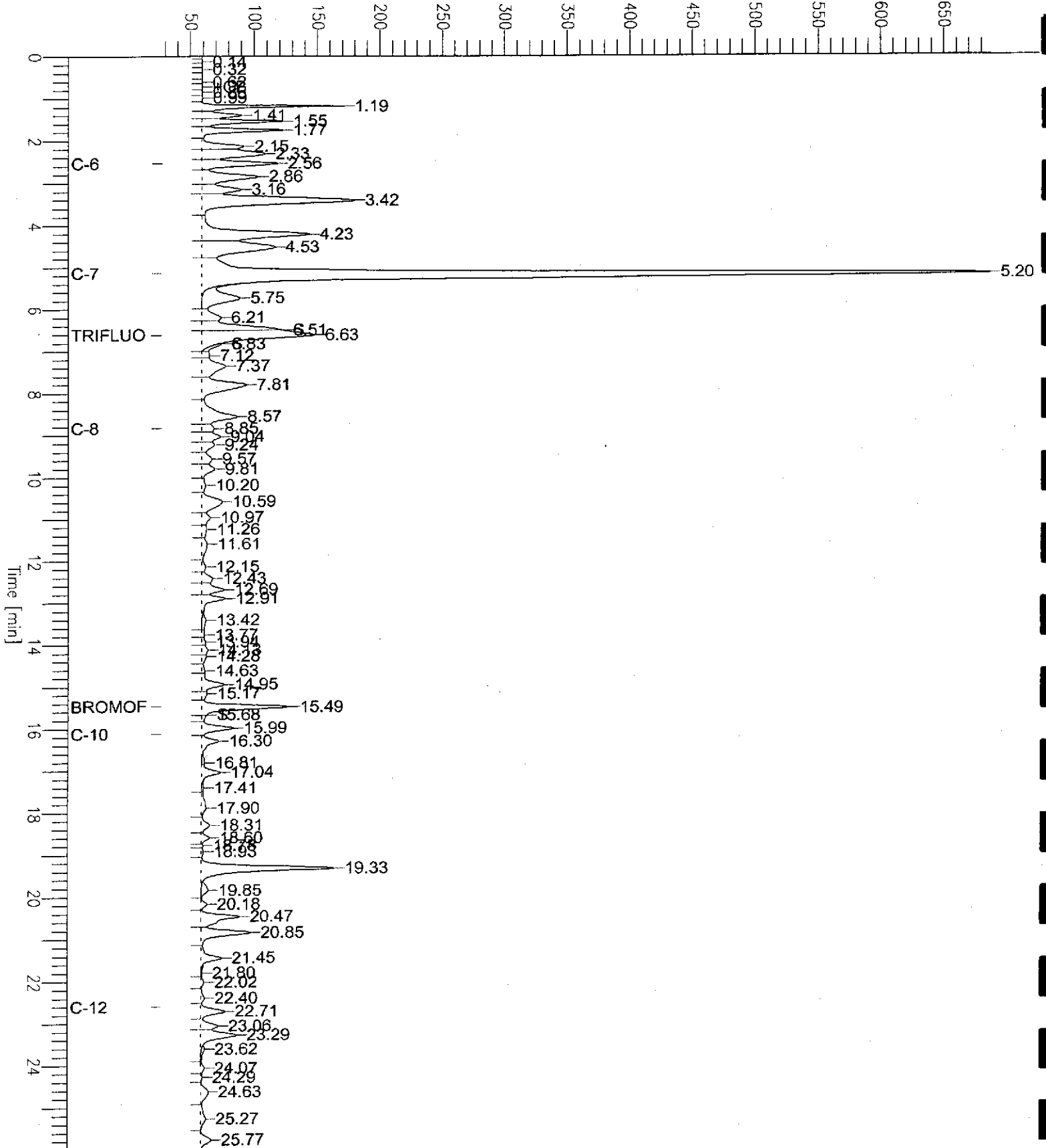
Scale Factor: 1.0

Plot Offset: 28 mV

Plot Scale: 658.8 mV

SC1MW-24

Response [mV]



GC04 TVH 'J' Data File FID

Sample Name : ccv/ics,gc290451,101166,S247,5/5000

Sample #:

Page 1 of 1

File Name : G:\GC04\DATA\104J002.raw

Date : 4/14/05 11:33 AM

Method : TVHBTXE

Time of Injection: 4/14/05 11:07 AM

Start Time : 0.00 min End Time : 26.00 min

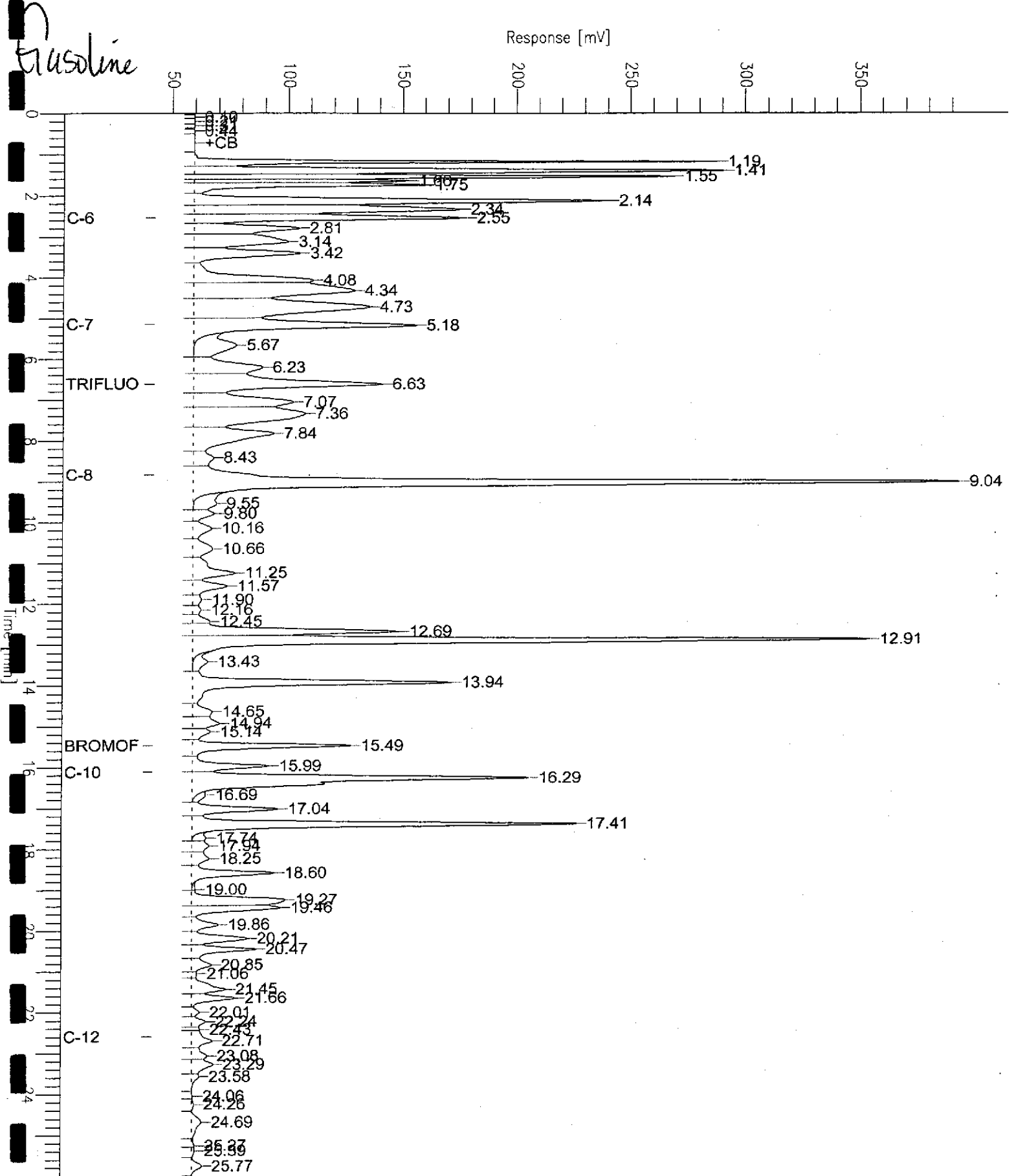
Low Point : 42.51 mV

High Point : 393.35 mV

Scale Factor: 1.0

Plot Offset: 43 mV

Plot Scale: 350.8 mV



Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	178873	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:	QC290451	Batch#:	101166
Matrix:	Water	Analyzed:	04/14/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,068	103	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	135	63-141
Bromofluorobenzene (FID)	102	79-139

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	178873	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC290452	Batch#:	101166
Matrix:	Water	Analyzed:	04/14/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	18.50	93	80-120
Toluene	20.00	19.35	97	80-120
Ethylbenzene	20.00	19.81	99	80-120
m,p-Xylenes	20.00	17.55	88	80-120
o-Xylene	20.00	19.32	97	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	88	63-133
Bromofluorobenzene (PID)	91	79-128

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	178873	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	101166
MSS Lab ID:	178884-002	Sampled:	04/13/05
Matrix:	Water	Received:	04/13/05
Units:	ug/L	Analyzed:	04/14/05
Diln Fac:	1.000		

Type: MS Lab ID: QC290548

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	50.58	2,000	1,899	92	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	121	63-141
Bromofluorobenzene (FID)	95	79-139

Type: MSD Lab ID: QC290549

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,912	93	80-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	119	63-141
Bromofluorobenzene (FID)	93	79-139

Total Extractable Hydrocarbons

Lab #:	178873	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	04/13/05
Units:	ug/L	Received:	04/13/05
mln Fac:	1.000	Prepared:	04/22/05
Batch#:	101411	Analyzed:	04/25/05

Field ID: SCIMW-7	Lab ID: 178873-001
Type: SAMPLE	Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	260 L Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	106	55-143

Field ID: SCIMW-24	Lab ID: 178873-002
Type: SAMPLE	Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	4,600 H L Y	50
Motor Oil C24-C36	2,100 L	300

Surrogate	%REC	Limits
Hexacosane	103	55-143

Type: BLANK	Cleanup Method: EPA 3630C
Lab ID: QC291408	

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	116	55-143

H Heavier hydrocarbons contributed to the quantitation
 L Lighter hydrocarbons contributed to the quantitation
 Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND Not Detected
 RL Reporting Limit

Chromatogram

Sample Name : 178873-001sg,101411
FileName : G:\GC17\CHA\115A013.RAW
Method : ATEH103.MTH
Start Time : 0.01 min
Scale Factor : 0.0

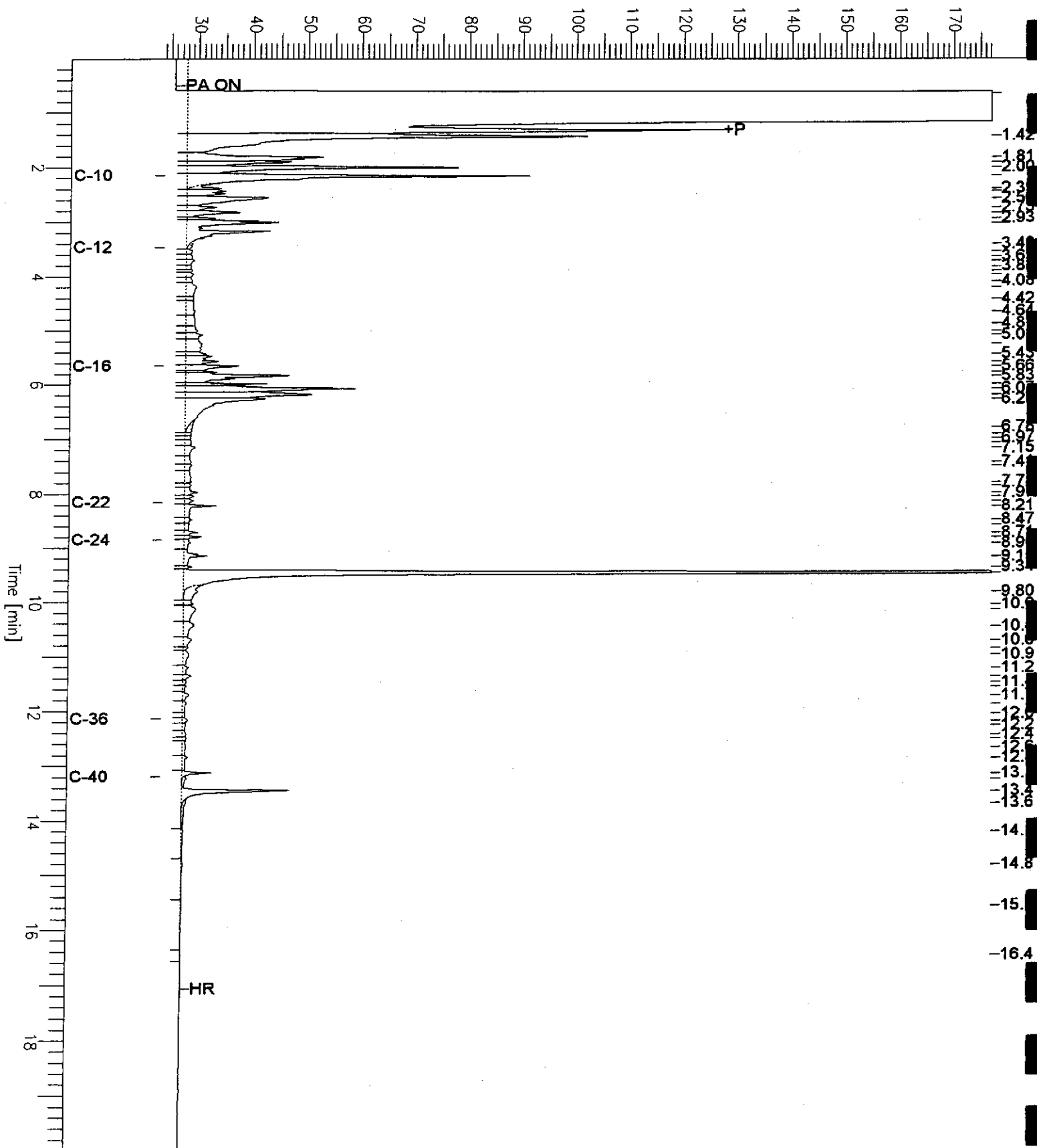
End Time : 19.99 min
Plot Offset : 24 mV

Sample #: 101411
Date : 4/25/05 02:58 PM
Time of Injection: 4/25/05 02:36 PM
Low Point : 23.73 mV
Plot Scale: 153.4 mV
High Point : 177.10 mV

Page 1 of 1

SCIMW-7

Response [mV]



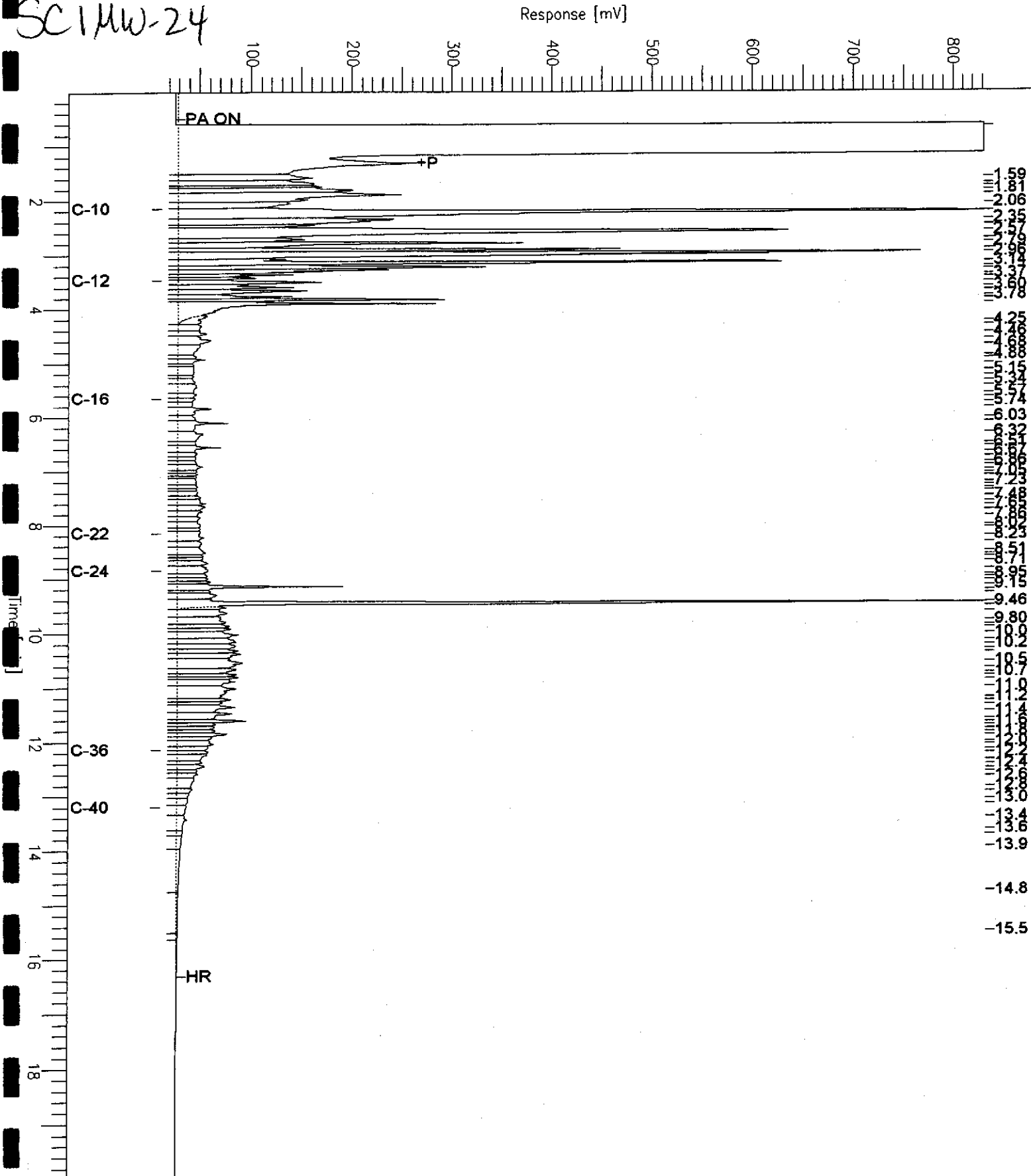
Chromatogram

Sample Name : 178873-002sg,101411
File Name : G:\GC17\CHA\115A014.RAW
Method : ATEH103.MTH
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 19.99 min
Plot Offset: 12 mV

Sample #: 101411
Date : 4/25/05 04:04 PM
Time of Injection: 4/25/05 03:05 PM
Low Point : 12.21 mV
Plot Scale: 819.0 mV

SC1MW-24

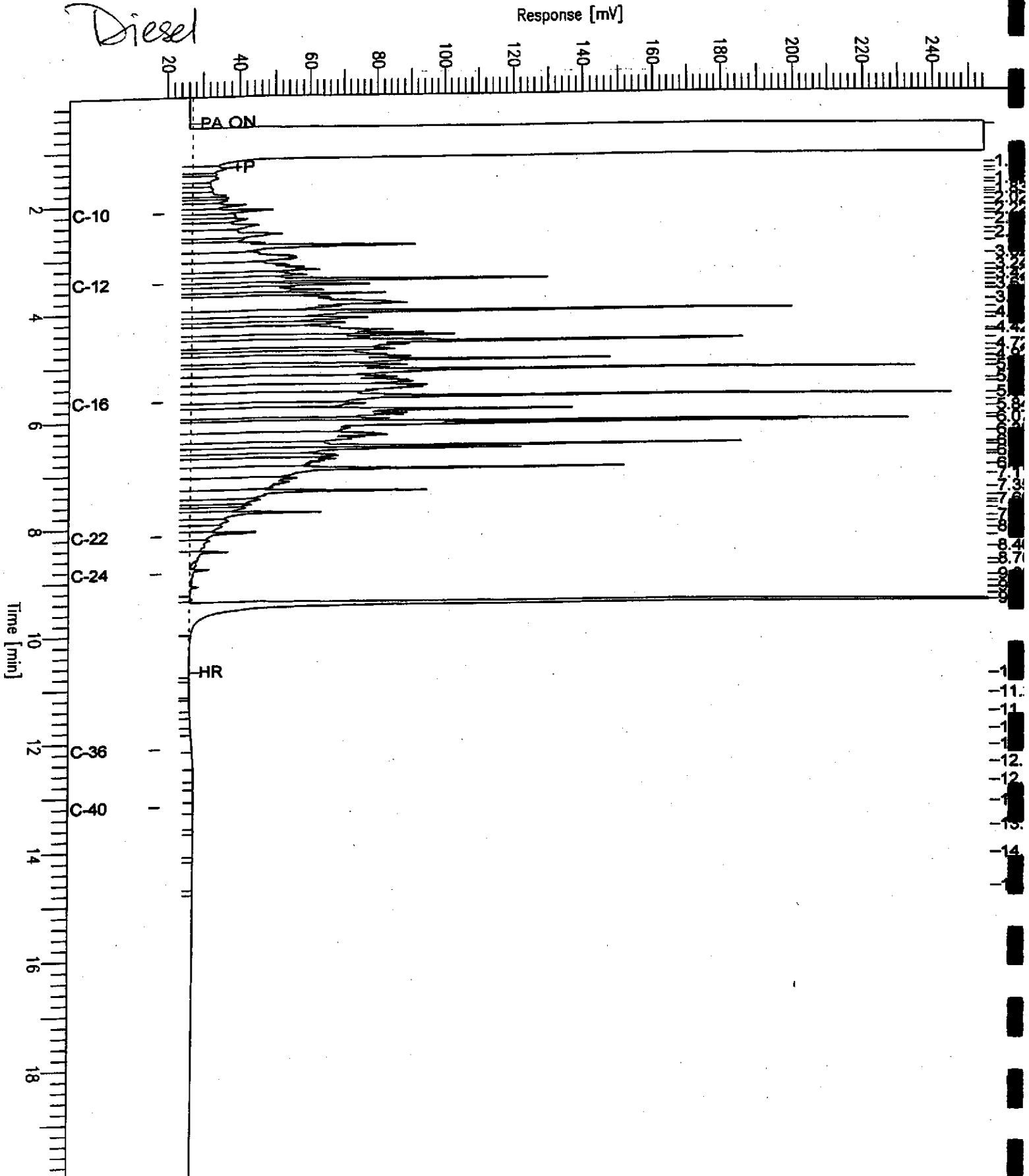


Chromatogram

Sample Name : ccv,S167,dsl
FileName : G:\GC17\CHA\115A003.RAW
Method : ATEH103.MTH
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 19.99 min
Plot Offset: 19 mV

Page 1 of 1
Sample #: 500mg/L
Date : 4/25/05 10:31 AM
Time of Injection: 4/25/05 09:16 AM
Low Point : 18.90 mV
High Point : 254.22 mV
Plot Scale: 235.3 mV



Chromatogram

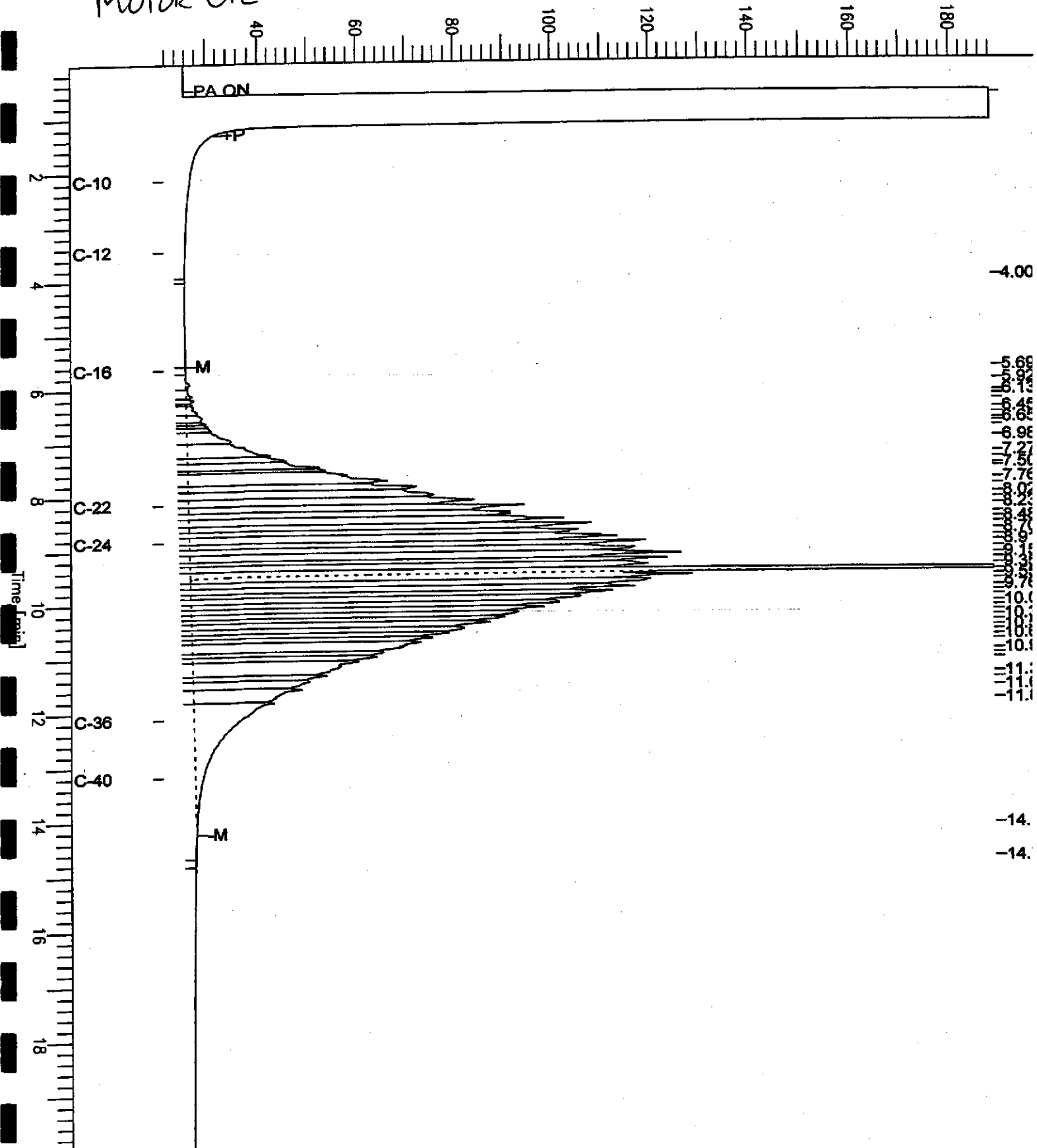
Sample Name : ccv,S294,mo
FileName : G:\GC17\CHA\115A004.RAW
Method : ATEH103.MTH
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 19.99 min
Plot Offset: 22 mV

Sample #: 500mg/L
Date : 4/25/05 10:32 AM
Time of Injection: 4/25/05 09:45 AM
Low Point : 21.86 mV
Plot Scale: 166.3 mV
Page 1 of 1
High Point : 188.18 mV

MOTOR OIL

Response [mV]



Purgeable Organics by GC/MS

Lab #:	178873	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	101225
Lab ID:	178873-001	Sampled:	04/13/05
Matrix:	Water	Received:	04/13/05
Units:	ug/L	Analyzed:	04/16/05
Welln Fac:	333.3		

Analyte	Result	RL
Freon 12	ND	330
Chloromethane	ND	330
Vinyl Chloride	3,100	170
Bromomethane	ND	330
Chloroethane	1,800	330
Trichlorofluoromethane	ND	330
Acetone	ND	3,300
Freon 113	ND	1,700
1,1-Dichloroethene	230	170
Methylene Chloride	ND	3,300
Carbon Disulfide	ND	170
TBE	ND	170
trans-1,2-Dichloroethene	210	170
Vinyl Acetate	ND	3,300
1,1-Dichloroethane	12,000	170
2-Butanone	ND	3,300
cis-1,2-Dichloroethene	19,000	170
1,2-Dichloropropane	ND	170
Chloroform	200	170
Bromochloromethane	ND	170
1,1,1-Trichloroethane	1,700	170
1,1-Dichloropropene	ND	170
Carbon Tetrachloride	ND	170
1,2-Dichloroethane	ND	170
Benzene	1,800	170
Trichloroethene	ND	170
1,2-Dichloropropane	ND	170
Bromodichloromethane	ND	170
Dibromomethane	ND	170
4-Methyl-2-Pentanone	ND	3,300
cis-1,3-Dichloropropene	ND	170
Toluene	1,200	170
trans-1,3-Dichloropropene	ND	170
1,1,2-Trichloroethane	ND	170
2-Hexanone	ND	3,300
1,3-Dichloropropane	ND	170
Tetrachloroethene	ND	170

Purgeable Organics by GC/MS

Lab #:	178873	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	101225
Lab ID:	178873-001	Sampled:	04/13/05
Matrix:	Water	Received:	04/13/05
Units:	ug/L	Analyzed:	04/16/05
Diln Fac:	333.3		

Analyte	Result	RL
Dibromochloromethane	ND	170
1,2-Dibromoethane	ND	170
Chlorobenzene	ND	170
1,1,1,2-Tetrachloroethane	ND	170
Ethylbenzene	ND	170
m,p-Xylenes	ND	170
o-Xylene	ND	170
Styrene	ND	170
Bromoform	ND	330
Isopropylbenzene	ND	170
1,1,2,2-Tetrachloroethane	ND	170
1,2,3-Trichloropropane	ND	170
Propylbenzene	ND	170
Bromobenzene	ND	170
1,3,5-Trimethylbenzene	ND	170
2-Chlorotoluene	ND	170
4-Chlorotoluene	ND	170
tert-Butylbenzene	ND	170
1,2,4-Trimethylbenzene	ND	170
sec-Butylbenzene	ND	170
para-Isopropyl Toluene	ND	170
1,3-Dichlorobenzene	ND	170
1,4-Dichlorobenzene	ND	170
n-Butylbenzene	ND	170
1,2-Dichlorobenzene	ND	170
1,2-Dibromo-3-Chloropropane	ND	670
1,2,4-Trichlorobenzene	ND	170
Hexachlorobutadiene	ND	170
Naphthalene	ND	670
1,2,3-Trichlorobenzene	ND	170

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	107	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	106	80-124

Patch QC Report

Purgeable Organics by GC/MS

Lab #:	178873	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:	QC290703	Batch#:	101225
Matrix:	Water	Analyzed:	04/15/05
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	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
TBE	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
Ibromomethane	ND	0.5
1-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Styrene	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
 Page 1 of 2



Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178873	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:	QC290703	Batch#:	101225
Matrix:	Water	Analyzed:	04/15/05
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	100	80-120
1,2-Dichloroethane-d4	103	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178873	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	101225
Units:	ug/L	Analyzed:	04/15/05
Diln Fac:	1.000		

Type: BS Lab ID: QC290701

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	52.10	104	75-121
Benzene	50.00	52.02	104	80-120
Trichloroethene	50.00	55.00	110	78-120
Toluene	50.00	54.77	110	80-120
Chlorobenzene	50.00	50.38	101	80-120

Surrogate	%REC	Limits
Bromofluoromethane	99	80-120
1,2-Dichloroethane-d4	99	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	99	80-124

Type: BSD Lab ID: QC290702

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	50.00	47.67	95	75-121	9	20
Benzene	50.00	46.67	93	80-120	11	20
Trichloroethene	50.00	49.79	100	78-120	10	20
Toluene	50.00	49.50	99	80-120	10	20
Chlorobenzene	50.00	48.03	96	80-120	5	20

Surrogate	%REC	Limits
Bromofluoromethane	99	80-120
1,2-Dichloroethane-d4	95	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-124

Curtis & Tompkins Laboratories Analytical Report

Lab #:	178873	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-24	Batch#:	101290
Matrix:	Water	Sampled:	04/13/05
Units:	ug/L	Received:	04/13/05
Diln Fac:	1.000	Analyzed:	04/19/05

Type: SAMPLE Lab ID: 178873-002

Analyte	Result	RL
MTBE	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-120

Type: BLANK Lab ID: QC290964

Analyte	Result	RL
MTBE	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	178873	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC290963	Batch#:	101290
Matrix:	Water	Analyzed:	04/19/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	23.58	94	72-129

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	178873	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	101290
MSS Lab ID:	178927-014	Sampled:	04/14/05
Matrix:	Water	Received:	04/15/05
Units:	ug/L	Analyzed:	04/19/05
Diln Fac:	1.000		

Type: MS Lab ID: QC290965

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.07041	25.00	28.97	116	75-122

Surrogate	%REC	Limits
Dibromofluoromethane	111	80-120

Type: MSD Lab ID: QC290966

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	28.53	114	75-122	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-120

Organochlorine Pesticides

Lab #:	178873	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Field ID:	SCIMW-7	Batch#:	101301
Lab ID:	178873-001	Sampled:	04/13/05
Matrix:	Water	Received:	04/13/05
Units:	ug/L	Prepared:	04/19/05
Diln Fac:	5.000	Analyzed:	04/23/05

Analyte	Result	RL
alpha-BHC	ND	0.2
beta-BHC	ND	0.2
gamma-BHC	ND	0.2
delta-BHC	ND	0.2
Heptachlor	ND	0.2
aldrin	ND	0.2
heptachlor epoxide	ND	0.2
Endosulfan I	ND	0.2
dieldrin	ND	0.5
4'-DDE	ND	0.5
Endrin	ND	0.5
Endosulfan II	ND	0.5
Endosulfan sulfate	ND	0.5
4,4'-DDD	1.0 #	0.5
Endrin aldehyde	ND	0.5
4'-DDT	ND #	0.5
alpha-Chlordane	ND	0.2
gamma-Chlordane	ND	0.2
methoxychlor	ND	2.4
toxaphene	ND	4.8

Surrogate	%REC	Limits
PMX	59	44-120
Decachlorobiphenyl	31 *	50-128

CCV drift outside limits; average CCV drift within limits per method requirements

*= Value outside of QC limits; see narrative

ND Not Detected

RL Reporting Limit

Batch QC Report
Organochlorine Pesticides

Lab #:	178873	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:	QC291017	Batch#:	101301
Matrix:	Water	Prepared:	04/19/05
Units:	ug/L	Analyzed:	04/22/05

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	80	44-120
Decachlorobiphenyl	70	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
 ND= Not Detected
 RL= Reporting Limit
 Page 1 of 1

Batch QC Report

Organochlorine Pesticides

Lab #:	178873	Location:	9th Ave Terminal/POO (KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Matrix:	Water	Batch#:	101301
Units:	ug/L	Prepared:	04/19/05
Diln Fac:	1.000	Analyzed:	04/22/05

Type: BS Lab ID: QC291018

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.1976	99	61-140
Heptachlor	0.2000	0.1669	83	53-143
Aldrin	0.2000	0.1753	88	60-120
Dieldrin	0.4000	0.3778	94	57-127
Endrin	0.4000	0.3602	90	59-136
4,4'-DDT	0.4000	0.2694 # b 67		55-149

Surrogate	%REC	Limits
TCMX	77	44-120
Decachlorobiphenyl	52	50-128

Type: BSD Lab ID: QC291019

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.2000	0.2188	109	61-140	10	27
Heptachlor	0.2000	0.1893	95	53-143	13	28
Aldrin	0.2000	0.1955	98	60-120	11	25
Dieldrin	0.4000	0.4177	104	57-127	10	25
Endrin	0.4000	0.4072	102	59-136	12	25
4,4'-DDT	0.4000	0.3344 # b 84		55-149	22	31

Surrogate	%REC	Limits
TCMX	87	44-120
Decachlorobiphenyl	101	50-128

= CCV drift outside limits; average CCV drift within limits per method requirements

= See narrative

RPD = Relative Percent Difference

**APPENDIX D
WASTE MANIFESTS**

23748516
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA14909Z13AZ18418516		Manifest Document No. 23748516		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address PORT OF OAKLAND 530 WATER ST OAKLAND, CA 94612				9TH AV. TERMINAL				A. State Manifest Document Number 23748516			
4. Generator's Phone 510 627 1134				6. US EPA ID Number				B. State Generator's ID			
5. Transporter 1 Company Name DILLARD ENVIRONMENTAL SVCS				7. Transporter 2 Company Name				C. State Transporter's ID (Reserved)			
8. Designated Facility Name and Site Address CLOW HARBOR ENVIRO. 1021 BOGESSA RD SAN JOSE, CA 95133				10. US EPA ID Number CA101591491310				D. Transporter's Phone 925 634 6850			
9. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) NON RCRA HAZARDOUS WASTE, LIQUID (PURGE WATER) (DF CH 3962A-PO)				12. Containers No. Type 0101 DIM		13. Total Quantity 01030		14. Unit Wt/Vol G			
<div style="border: 2px solid black; padding: 10px; width: fit-content; margin: auto;"> <p style="font-size: 24px; margin: 0;">RECEIVED</p> <p style="font-size: 18px; margin: 0;">FEB 03 2005</p> <p style="font-size: 12px; margin: 0;">BY: _____</p> </div>				E. State Transporter's ID (Reserved)		F. Transporter's Phone		I. Waste Number State 343 EPA/Other N/R			
				G. State Facility's ID		H. Facility's Phone 408 451 5000		State		EPA/Other	
				State		EPA/Other		State		EPA/Other	
				State		EPA/Other		State		EPA/Other	
				State		EPA/Other		State		EPA/Other	
11. Additional Descriptions for Materials Listed Above 11A 1X55				15. Special Handling Instructions and Additional Information JOB # 480/107 TOP 05 - CRE -02 WORK 201966				K. Handling Codes for Wastes Listed Above a. 14-01 b. c. d.			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. AGENT ON BEHALF OF				EMERGENCY CONTACT DILLARD 925 634 6850							
Printed/Typed Name JEFFREY L. RUBIN				Signature <i>[Signature]</i>				Month Day Year 01 14 05			
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name Reeves				Signature <i>[Signature]</i>				Month Day Year 01 11 05			
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name				Signature				Month Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of Receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Melanie Ashford				Signature <i>[Signature]</i>				Month Day Year 01 11 05			

DO NOT WRITE BELOW THIS LINE.