FUGRO WEST, INC.

RECEIVED

3:01 pm, Oct 12, 2007

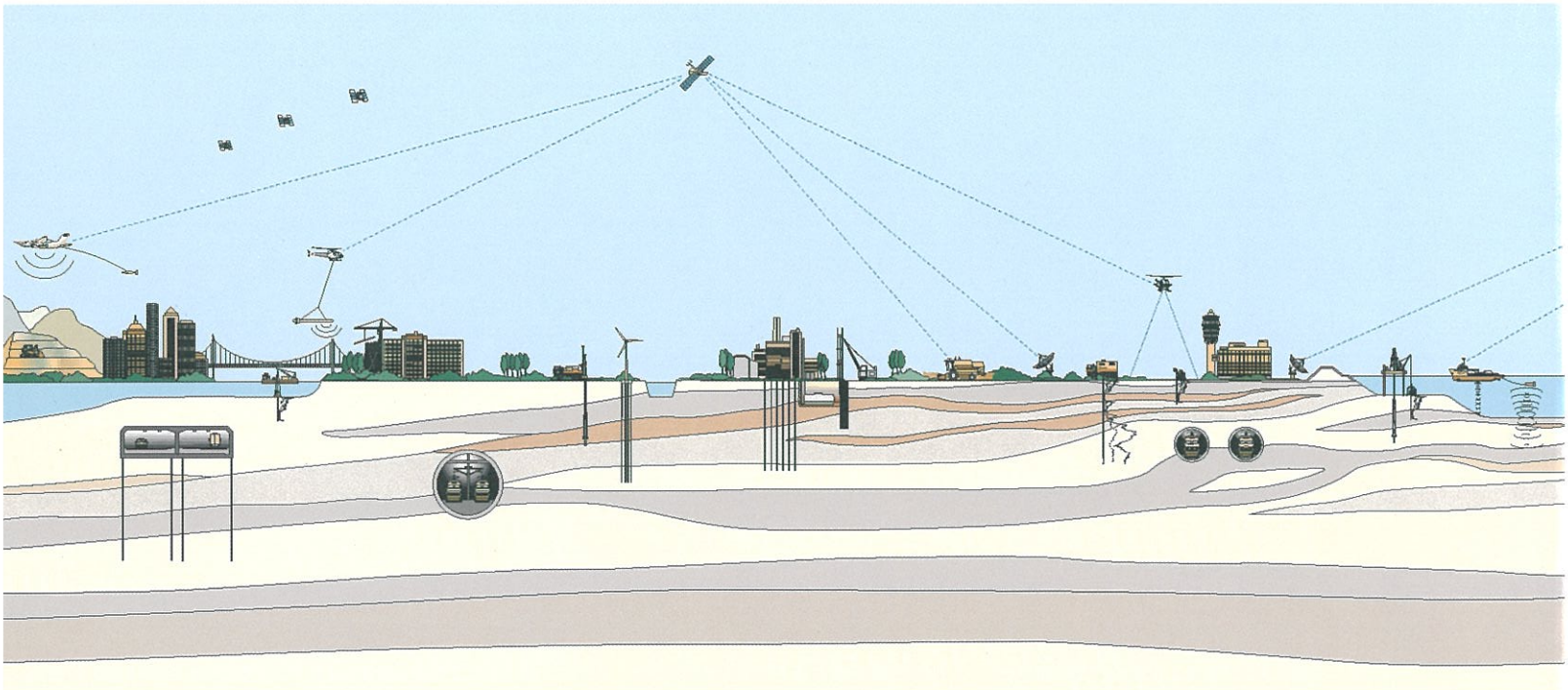
Alameda County
Environmental Health

GROUNDWATER MONITORING REPORT WINTER 2006 QUARTERLY EVENT AND SPRING 2007 SEMI-ANNUAL EVENT TOXIC CASE NO. R02492 NINTH AVENUE TERMINAL OAKLAND, CALIFORNIA

Prepared for:
PORT OF OAKLAND

SEPTEMBER 2007

Project No. 133.023



FUGRO WEST, INC.

1000 Broadway, Suite 440
Oakland, California 94607
Tel: (510) 268-0461
Fax: (510) 268-0545

September 25, 2007
Project No. 133.023

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

Attention: Mr. Doug Herman

Subject: Groundwater Monitoring Program Report, Winter 2006/2007 Quarterly Event and Spring 2007 Semi-Annual Event, Ninth Avenue Terminal, Oakland, California

Dear Mr. Herman:

With this report, Fugro West, Inc., (Fugro) presents the results of the quarterly and semi-annual groundwater monitoring events conducted during the winter of 2006/2007 and spring of 2007 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 program also requires that the samples from the majority of wells are analytically tested on an annual basis, one well is sampled and tested quarterly (SCIMW-7) and one well is sampled and tested semi-annually (SCIMW-24).

The winter quarterly event commenced on January 9, 2007, with the groundwater level measurement and sampling of well SCIMW-7. In addition, well SCIMW-33 was sampled during this event to check for chemical constituents not analyzed for during the annual sampling event conducted during the fall 2006 event. The spring semi-annual event commenced on April 18, 2007. During the semi-annual event groundwater level measurements and samples were obtained from wells SCIMW-7 and SCIMW-24.

No free-floating product was observed in wells SCIMW-7 and SCIMW-33 during the winter quarterly event. Free product was observed in well SCIMW-24 (trace) during the spring semi-annual event. Free product data is presented in Table 2.

Well SCIMW-7 and SCIMW-33 were purged and sampled using disposable bailers during the winter quarterly event and wells SCIMW-7 and SCIMW-24 were purged and sampled using disposable bailers during the spring 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, Eh[1], TDS[2], and DO[3] 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). Comprehensive groundwater analytical test results for the program outlined in Table 1 are presented in Tables 3 through 9. Contaminant concentrations for the events described herein are shown on Plates 3 and 4 for wells SCIMW-7, SCIMW-24 and SCIMW-33. Analytical test reports, chromatographs and chain-of-custody forms for are included in Appendix C. Specific test results are discussed in the sections below.

CHEMICAL DATA

Winter 2006/2007 Quarterly Event

Chemical Results for well SCIMW-7

- TVH as gasoline range was detected at 3,800 parts per billion (ppb). C&T commented that the sample exhibits unknown single peaks or peaks, and does not resemble the standard.
- TEH as diesel range was detected at 290 ppb. C&T commented that the sample exhibits a chromatographic pattern, which does not resemble the standard.
- TEH as motor oil range was not detected at a reporting limit of 300 ppb.
- Benzene (2,100 ppb), toluene (1,300 ppb), and xylenes (150 ppb) were detected.

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

[2] TDS = Total Dissolved Solids

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

- MTBE[4] was not detected.
- Chlorinated pesticide analysis detected 3.3 ppb of 4-4'-DDD, 0.3 ppb of 4,4'-DDE, 0.1 ppb of beta-BHC, and 0.6 ppb of dieldrin.
- Well SCIMW-7 contained concentrations of the following VOCs: chloroethane (2,600 ppb), 1,1 dichloroethane (10,000 ppb), 1,1 dichloroethene (220 ppb), cis-1,2 dichloroethene (14,000 ppb), trans-1,2-dichloroethene (290 ppb), 1,1,1-trichloroethane (1,800 ppb), trichloroethene (180 ppb), and vinyl chloride (2,500 ppb).

Chemical Results for well SCIMW-33

- Benzene (0.9 ppb) and xylenes (4.8 ppb) were detected.
- Well SCIMW-33 contained concentrations of the following VOCs: chlorobenzene (110 ppb), 1,2,4-trimethylbezene (0.8 ppb), 1,4-dichlorobenzene (1.6 ppb), and 1,2-dichlorobenzene (2.1 ppb).

Spring 2007 Semi-Annual Event

- TVH as gasoline range was detected at 6,400 ppb in well SCIMW-7. C&T commented that the sample exhibits unknown single peaks or peaks, and does not resemble the standard.
- TVH as gasoline range was detected at 9,100 ppb in well SCIMW 24. C&T commented that the sample exhibits a fuel pattern which does not resemble the standard.
- TEH as diesel range was detected at 380 ppb (SCIMW-7) and 8,200 ppb (SCIMW-24). C&T commented that samples from wells SCIMW-7 and SCIMW-24 exhibit a chromatographic pattern which does not resemble the standard and that lighter hydrocarbons contributed to the quantitation. C&T also commented that heavier hydrocarbons contributed to the quantitation of the sample from SCIMW-24.
- TEH as motor oil range was not detected in well SCIMW-7. TEH as motor oil range was detected in well SCIMW24 at 6,300 ppb. C&T commented that lighter hydrocarbons contributed to the quantitation.
- The sample from well SCIMW-7 contained 2,000 ppb of benzene and 960 ppb of toluene. The sample from well SCIMW-24 contained 1,200 ppb of benzene, 90 ppb of toluene, and 54 ppb of xylenes.
- MTBE[5] was not detected in wells SCIMW-7 and SCIMW-24.

[4] Method 8260B was used to analyze for MTBE, with a detection limit of 130 ppb.

[5] Method 8260B was used to analyze for MTBE, with a detection limit of 20 ppb (SCIMW-24) and 130 ppb (SCIMW-7).

- Chlorinated pesticide analysis was conducted on the sample collected from well SCIMW-7. Analyses detected 2.7 ppb 4-4'-DDD.
- Well SCIMW-7 contained concentrations of the following VOCs: chloroethane (2,500 ppb), 1,1 dichloroethane (8,300 ppb), cis-1,2 dichloroethene (14,000 ppb), trans-1,2-dichloroethene (240 ppb), 1,1,1-trichloroethane (1,400 ppb), and vinyl chloride (2,900 ppb).
- Well SCIMW-24 contained concentrations of benzene (1,200), toluene (40 ppb), ethylbenzene (22 ppb) and xylenes (58 ppb).

Tables 5, 7, 8, and 9 include historic data for metals, SVOCs, PNAs, and water quality ions, respectively. No further testing of these analyses 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

Winter 2006/2007 Quarterly Event

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.

The post purge pH readings for the quarterly event were 6.76 (SCIMW-7) and 6.52 (SCIMW-33).

The post purge TDS readings for the quarterly event were 19,120 milligrams per liter (mg/l) (SCIMW-7) and 13,950 mg/l (SCIMW-33).

The post purge DO readings for the quarterly event were 3.04 mg/l (SCIMW-7) and 3.34 mg/l (SCIMW-33).

The post purge Eh readings for the quarterly event were –165.4 mV (SCIMW-7) and -127.6 (SCIMW-33).

The post purge temperature readings for the quarterly event were 18.83°C (SCIMW-7) and 20.60°C (SCIMW-33).

Spring 2007 Semi-Annual Event

The post purge pH readings for the semi-annual event were 6.48 (SCIMW-7) and 6.80 (SCIMW-24).

The post purge TDS readings for the semi-annual event were 10,510 mg/l (SCIMW-7) and 1,417 mg/L (SCIMW-24).

The post purge DO readings for the semi-annual event were 3.70 mg/L (SCIMW-7) and 3.53 mg/L (SCIMW-24).

The post purge Eh readings for the semi-annual event were –137.2 mV (SCIMW-7) and -92.1 mV (SCIMW-24).

The post purge temperature readings for the semi-annual event were 16.25°C (SCIMW-7) and 18.90°C (SCIMW-24).

WASTE DISPOSAL ACTIVITIES

One drum containing purge water from each sampling event was removed from the Site. Each drum was transported under a Uniform Hazardous Waste Manifest to an appropriate disposal facility. Copies of the January 2007 and June 2007 manifests are included in Appendix D.

GEOTRACKER

Electronic data for SCIMW-24 was successfully uploaded to the Geotracker database on July 18, 2007 for the associated UST site at H-204.

ONGOING MONITORING

In accordance with the approved program, the next sampling event was a quarterly sampling of well SCIMW-7 conducted in July 2007. Results of the quarterly event will be held and presented with the Fall 2007 annual monitoring report.

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

Sincerely,

FUGRO WEST, INC.

Hanako Zeidenberg
Staff Engineer

Jeriann N. Alexander, P.E., R.E.A.
R.E.A. No. 03130 (exp. 7/08)
Civil Engineer 40469 (exp. 3/09)

HZ/JNA:rh

Attachments:
Table 1. Groundwater Monitoring Program
Table 2. Summary of Groundwater Elevation, Well Completion Details, and Product Thickness Data
Table 3. Petroleum Hydrocarbon, BTEX, MTBE, Pesticide and PCB Concentrations in Groundwater

Attachments: (continued)

Table 4. Volatile Organic Concentrations in Groundwater
Table 5. Heavy Metal Concentrations in Groundwater
Table 6. Groundwater Quality Parameter Results in Groundwater
Table 7. Historical Polynuclear Aromatic Concentrations in Groundwater
Table 8. Historical Semi-Volatile Organic Concentrations (except PNA's) in Groundwater
Table 9. Cyanide, Nitrate and Phosphorus Concentrations in Groundwater

Plate 1. Vicinity Map
Plate 2a. Groundwater Elevations, Winter 2006/2007
Plate 2b. Groundwater Elevations, Spring 2007
Plate 3. Petroleum and Pesticide Concentrations, Winter Quarterly and Spring Semi-Annual 2007
Plate 4. VOC and Metal Concentrations, Winter Quarterly and Spring Semi-Annual 2007

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

TABLES

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	**Well Abandoned**							
SCIMW-24 H-204 *STID 6894*	SA	SA	SA	SA				T0600102210
SCIMW-25	**Well Abandoned**							
SCIMW-26			A	A				
SCIMW-27 STID 225	**Water level only**							
SCIMW-28				A	A		A	
SCIMW-29				A				
SCIMW-30					A			
SCIMW-31D					A			
SCIMW-32					A			
SCIMW-33				A	A	A		
SCIMW-34 H-317 *STID 5067*			A	A				
SCIMW-35 H-317 *STID 5067*	A		A	A				

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

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-1	**TOC Elevation (Sep-93) =**	**9.99**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/20/1993	5.20	4.79	none	
12/1/1993	5.15	4.84	none	
3/31/1994	4.09	5.90	none	
6/2/1994	4.82	5.17	none	
9/30/1994	5.63	4.36	none	
12/22/1994	5.00	4.99	none	**Well Completion Details**
4/10/1995	4.94	5.05	none	2" DIA. PVC
7/24/1995	5.02	4.97	none	Screen Interval (5.5-15' bgs)
11/10/1995	5.52	4.47	none	Well Installed by Clayton Environmental Consultants
2/20/1996	4.49	5.50	none	
5/23/1996	5.04	4.95	none	
6/28/1996	5.13	4.86	none	
7/29/1996	5.21	4.78	none	
9/3/1996	5.37	4.62	none	
9/9/1996	5.65	4.34	none	
9/18/1996	5.35	4.64	none	
9/23/1996	5.36	4.63	none	
9/30/1996	5.39	4.60	none	
10/28/1996	5.09	4.90	none	
12/2/1996	4.80	5.19	none	
12/30/1996	4.25	5.74	none	
1/16/1997	4.37	5.62	none	
2/28/1997	4.00	5.99	none	
3/26/1997	4.80	5.19	none	
5/5/1997	5.02	4.97	none	
6/27/1997	5.12	4.87	none	
7/23/1997	5.20	4.79	none	
8/25/1997	5.20	4.79	none	
9/25/1997	5.28	4.71	none	
10/30/1997	5.40	4.59	none	
12/3/1997	5.07	4.92	none	
12/30/1997	5.13	4.86	none	
1/28/1998	4.95	5.04	none	
3/11/1998	4.75	5.24	none	
3/30/1998	4.82	5.17	none	
4/27/1998	4.92	5.07	none	
6/1/1998	4.97	5.02	none	
6/26/1998	5.05	4.94	none	
9/17/1998	5.31	4.68	none	
12/7/1998	5.23	4.76	none	
5/4/1999	5.21	4.78	none	
8/25/1999	7.11	2.88	none	
11/29/1999	5.40	4.59	none	
4/4/2000	5.30	4.69	none	
10/3/2000	--	--	--	
5/1/2001	5.25	4.74	none	
	Well Destroyed May 31, 2001			

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-2	**TOC Elevation (Sep-93) =**	**10.32**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/20/1993	4.40	5.92	none	
12/1/1993	4.75	5.57	none	
3/31/1994	5.01	5.31	none	
6/2/1994	4.61	5.71	none	
9/30/1994	4.93	5.39	none	
12/22/1994	4.43	5.89	none	**Well Completion Details**
4/10/1995	4.03	6.29	none	2" DIA. PVC
7/24/1995	4.41	5.91	none	Screen Interval (5-15' bgs)
11/10/1995	4.59	5.73	none	Well Installed by Clayton Environmental Consultants
2/20/1996	3.81	6.51	none	
5/23/1996	4.41	5.91	none	
6/28/1996	3.81	6.51	none	
7/29/1996	3.81	6.51	none	
9/3/1996	3.98	6.34	none	
9/9/1996	4.00	6.32	none	
9/18/1996	4.08	6.24	none	
9/23/1996	4.08	6.24	none	
9/30/1996	4.08	6.24	none	
10/28/1996	4.34	5.98	none	
12/2/1996	4.30	6.02	none	
12/30/1996	3.92	6.40	none	
1/16/1997	3.99	6.33	none	
2/28/1997	3.88	6.44	none	
3/26/1997	3.83	6.49	none	
5/5/1997	3.85	6.47	none	
6/27/1997	3.77	6.55	none	
7/23/1997	3.88	6.44	none	
8/25/1997	3.88	6.44	none	
9/25/1997	3.95	6.37	none	
10/30/1997	5.32	5.00	none	
12/3/1997	4.98	5.34	none	
12/30/1997	4.95	5.37	none	
1/28/1998	4.96	5.36	none	
3/11/1998	5.02	5.30	none	
3/30/1998	4.45	5.87	none	
4/27/1998	4.62	5.70	none	
6/1/1998	5.15	5.17	none	
6/26/1998	4.77	5.55	none	
9/17/1998	5.03	5.29	none	
12/7/1998	4.96	5.36	none	
5/3/1999	4.85	5.47	none	
8/25/1999	5.01	5.31	none	
11/29/1999	5.05	5.27	none	
4/4/2000	4.81	5.51	none	
10/3/2000	5.28	5.04	none	
5/1/2001	4.90	5.42	none	
11/27/2001	--	--	--	
7/29/2002	4.94	5.38	none	
1/21/2003	5.22	5.10	none	
Oct-04	**TOC Elevation =**	**10.37**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.02	5.35	none	
4/12/2005	4.65	5.72	none	
10/10/2005	7.62	2.75	none	
10/30/2006	5.02	5.35	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-3	**TOC Elevation (Sep-93) =**	**10.18**	**Port of Oakland Datum**	
9/20/1993	15.20	-5.02+	none	
12/1/1993	5.70	4.48	none	
3/31/1994	4.23	5.95	none	
6/2/1994	3.86	6.32	none	
9/30/1994	5.44	4.74	none	
12/22/1994	4.87	5.31	none	**Well Completion Details**
4/10/1995	7.64	2.54+	none	2" DIA. PVC
7/24/1995	3.62	6.56	none	Screen Interval (10-20' bgs)
11/10/1995	5.11	5.07	none	Well Installed by Clayton Environmental Consultants
2/20/1996	4.14	6.04	none	
5/23/1996	4.49	5.69	none	
6/28/1996	--	--	--	
7/29/1996	4.64	5.54	none	
9/3/1996	4.48	5.70	none	
9/18/1996	6.42	3.76+	none	
9/23/1996	6.06	4.12	none	
9/30/1996	5.18	5.00	none	
10/28/1996	4.83	5.35	none	
12/2/1996	4.84	5.34	none	
12/30/1996	4.84	5.34	none	
1/16/1997	4.73	5.45	none	
3/5/1997	4.69	5.49	none	
3/26/1997	4.76	5.42	none	
5/5/1997	4.69	5.49	none	
6/27/1997	4.51	5.67	none	
7/23/1997	4.58	5.60	none	
8/25/1997	4.62	5.56	none	
9/25/1997	4.53	5.65	none	
10/30/1997	4.70	5.48	none	
12/3/1997	4.10	6.08	none	
12/30/1997	4.59	5.59	none	
1/28/1998	4.59	5.59	none	
3/11/1998	4.48	5.70	none	
3/30/1998	4.31	5.87	none	
4/27/1998	4.26	5.92	none	
6/1/1998	3.92	6.26	none	
6/26/1998	--	--	--	
9/17/1998	4.35	5.83	none	
12/7/1998	3.56	6.62	none	
5/4/1999	4.45	5.73	none	
8/25/1999	6.34	3.84	none	
11/29/1999	4.74	5.44	none	
4/4/2000	4.51	5.67	none	
10/3/2000	4.41	5.77	none	
5/1/2001	--	--	--	
12/10/2001	7.87	2.31	none	
7/29/2002	--	--	--	
1/21/2003	--	--	--	
Oct-04	**TOC Elevation =**	**10.37**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	11.48	-1.11	none	
11/3/2004	4.52	5.85	none	
4/12/2005	3.97	6.40	none	
10/10/2005	13.10	-2.73	none	
10/30/2006	3.96	6.41	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-4	**TOC Elevation (Sep-93) =**	**11.98**	**Port of Oakland Datum**	
9/20/1993	5.80	6.18	8.04	
12/1/1993	4.10	7.88	trace	
3/31/1994	4.20	7.78	6.96	
6/2/1994	3.88	8.10	6.00	
9/30/1994	5.80	6.18	12.00	
12/22/1994	3.47	8.51	10.08	**Well Completion Details**
4/10/1995	3.80	8.18	0.00	2" DIA. PVC
5/16/1995	3.07	8.91	NA	Screen Interval (10-20' bgs)
7/24/1995	3.65	8.33	0.00	Well Installed by Clayton Environmental Consultants
11/10/1995	NA	NA	0.00	
2/20/1996	NA	NA	NA	
5/23/1996	2.96	9.02	0.00	
6/28/1996	3.93	8.05	2.38	
7/29/1996	5.09	6.89	0.50	
9/3/1996	4.65	7.33	0.25	
9/9/1996	5.15	6.83	0.50	
9/18/1996	5.45	6.53	0.13	
9/23/1996	4.80	7.18	0.38	
9/30/1996	4.88	7.10	0.06	
10/28/1996	5.12	6.86	0.25	
12/2/1996	3.22	8.76	2.00	
12/30/1996	2.94	9.04	0.25	
1/16/1997	3.22	8.76	trace	
2/28/1997	3.78	8.20	trace	
3/26/1997	3.90	8.08	trace	
5/5/1997	3.92	8.06	0.13	
6/27/1997	4.11	7.87	0.50	
7/23/1997	4.30	7.68	trace	
8/25/1997	3.55	8.43	trace	
9/25/1997	3.91	8.07	trace	
10/30/1997	4.98	7.00	0.13	
12/3/1997	3.60	8.38	0.50	
12/30/1997	3.52	8.46	trace	
1/28/1998	3.02	8.96	0.63	
3/11/1998	3.28	8.70	trace	
3/30/1998	3.29	8.69	trace	
4/27/1998	3.55	8.43	0.25	
6/1/1998	3.02	8.96	0.19	
6/26/1998	3.75	8.23	trace	
9/17/1998	4.45	7.53	0.25	
12/7/1998	3.35	8.63	0.38	
5/4/1999	--	--	--	
8/25/1999	4.65	7.33	0.85	
11/29/1999	5.17	6.81	0.38	
4/4/2000	--	--	trace	
10/3/2000	--	--	--	
5/2/2001	3.85	8.13	trace	
11/27/2001	--	--	0.25	
7/29/2002	--	--	0.25	
1/21/2003	--	--	0.50	
Oct-04	**TOC Elevation =**	**12.10**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.25	6.85	8	
4/12/2005	4.25	7.85	9	
10/10/2005	5.26	6.84	2	
10/30/2006	5.33	6.77	<0.1	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-5	**TOC Elevation (Apr-95)=**	**11.84**	**Port of Oakland Datum**	
4/10/95	4.64	7.20	none	
7/24/95	5.24	6.60	none	
11/10/95	5.38	6.46	none	
2/20/96	2.69	9.15	none	
5/23/96	2.67	9.17	none	
6/28/1996	5.29	6.55	none	**Well Completion Details**
7/29/1996	5.35	6.49	none	2" DIA. SCH. 40 PVC
9/3/1996	5.44	6.40	none	Well Screen (0.010" slot size)
9/9/1996	5.45	6.39	none	Screen Interval (5-20' bgs)
9/18/1996	5.51	6.33	none	Well Installed by Clayton Environmental Consultants
9/23/1996	5.51	6.33	none	
9/30/1996	5.49	6.35	none	
10/28/1996	5.56	6.28	none	
12/2/1996	4.64	7.20	none	
12/30/1996	2.42	9.42	none	
1/16/1997	3.46	8.38	none	
2/28/1997	5.14	6.70	none	
3/26/1997	5.28	6.56	none	
5/5/1997	5.39	6.45	none	
6/27/1997	5.45	6.39	none	
7/23/1997	5.39	6.45	none	
8/25/1997	5.18	6.66	none	
9/25/1997	5.40	6.44	none	
10/30/1997	5.45	6.39	none	
12/3/1997	2.42	9.42	none	
12/30/1997	5.04	6.80	none	
1/28/1998	2.79	9.05	none	
3/11/1998	4.54	7.30	none	
3/30/1998	4.60	7.24	none	
4/27/1998	5.18	6.66	none	
6/1/1998	3.17	8.67	none	
6/26/1998	5.31	6.53	none	
9/17/1998	5.44	6.40	none	
12/7/1998	3.79	8.05	none	
5/3/1999	5.25	6.59	none	
8/25/1999	5.46	6.38	none	
11/29/1999	5.31	6.53	none	
4/4/2000	5.28	6.56	none	
10/3/2003	5.37	6.47	none	
5/2/2001	5.10	6.74	none	
12/10/2001	5.39	6.45	none	
7/29/2002	5.58	6.26	none	
1/21/2003	4.92	6.92	none	
Oct-04	**TOC Elevation =**	**11.95**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.58	6.37	none	
4/12/2005	5.05	6.90	none	
10/10/2005	5.63	6.32	none	
10/30/2006	5.64	6.31	trace	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
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	**Well Completion Details**
7/29/1996	5.00	6.86	1.00	2" DIA. SCH. 40 PVC
9/3/1996	5.19	6.67	0.50	Well Screen (0.010" slot size)
9/9/1996	5.29	6.57	trace	Screen Interval (5-20' bgs)
9/18/1996	5.34	6.52	trace	Well Installed by Clayton Environmental Consultants
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	
10/10/2005	--	--	--	well blocked by vehicle
1/10/2006	4.25	7.74	0.2	
11/2/2006	4.87	7.12	<0.1	well blocked by vehicle

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
MW-7	**TOC Elevation =**	**10.13**	**Port of Oakland Datum**	
4/10/1995	4.41	5.72	none	
7/24/1995	3.72	6.41	none	
11/10/1995	4.78	5.35	none	
2/20/1996	4.13	6.00	none	
5/23/1996	4.69	5.44	none	
6/28/1996	3.81	6.32	none	**Well Completion Details**
7/29/1996	4.32	5.81	none	2" DIA. SCH. 40 PVC
9/3/1996	4.65	5.48	none	Well Screen (0.010" slot size)
9/9/1996	4.79	5.34	none	Screen Interval (5-20' bgs)
9/18/1996	4.45	5.68	none	Well Installed by Clayton Environmental Consultants
9/23/1996	4.28	5.85	none	
9/30/1996	4.18	5.95	none	
10/28/1996	4.48	5.65	none	
12/2/1996	4.88	5.25	none	
12/30/1996	3.62	6.51	none	
1/16/1997	3.65	6.48	none	
2/28/1997	3.71	6.42	none	
3/26/1997	3.71	6.42	none	
5/5/1997	3.80	6.33	none	
6/27/1997	3.71	6.42	none	
7/23/1997	--	--	--	
8/25/1997	3.73	6.40	none	
9/25/1997	3.75	6.38	none	
10/30/1997	3.88	6.25	none	
12/3/1997	3.58	6.55	none	
12/30/1997	3.67	6.46	none	
1/28/1998	3.48	6.65	none	
3/11/1998	3.64	6.49	none	
3/30/1998	3.65	6.48	none	
4/27/1998	3.26	6.87	none	
6/1/1998	3.67	6.46	none	
6/26/1998	3.63	6.50	none	
9/17/1998	3.75	6.38	none	
12/7/1998	3.82	6.31	none	
5/3/1999	3.67	6.46	none	
8/25/1999	3.80	6.33	none	
11/29/1999	4.00	6.13	none	
4/4/2000	3.67	6.46	none	
10/3/2000	3.82	6.31	none	
5/1/2001	4.70	5.43	none	
11/27/2001	4.70	5.43	none	
7/29/2002	6.70	3.43	none	
1/21/2003	4.70	5.43	none	
Oct-04	**TOC Elevation =**	**10.18**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	3.37	6.81	none	
4/12/2005	3.86	6.32	none	
10/10/2005	4.78	5.40	none	
10/30/2006	5.77	4.41	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-1	**TOC Elevation (May-96) =**	**10.37**	**Port of Oakland Datum**	
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	**Well Completion Details**
9/23/1996	6.07	4.30	none	2" DIA. SCH. 40 PVC
9/30/1996	6.00	4.37	none	Well Screen (0.010" slot size)
10/28/1996	6.10	4.27	none	Screen Interval (3-18' bgs)
12/2/1996	5.52	4.85	none	Well Installed by SCI
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
10/10/2005	--	--	--	Well not located
10/30/2006	--	--	--	Well not located

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-2	**TOC Elevation (May-96) =**	**9.92**	**Port of Oakland Datum**	
5/23/1996	5.88	4.04	none	
6/28/1996	7.33	2.59	none	
7/29/1996	7.43	2.49	none	
9/3/1996	6.54	3.38	none	
9/9/1996	4.67	5.25	none	
9/18/1996	6.50	3.42	none	**Well Completion Details**
9/23/1996	3.78	6.14	none	2" DIA. SCH. 40 PVC
9/30/1996	6.18	3.74	none	Well Screen (0.010" slot size)
10/28/1996	3.72	6.20	none	Screen Interval (3-18' bgs)
12/2/1996	6.60	3.32	none	Well Installed by SCI
12/30/1996	4.57	5.35	none	
1/16/1997	6.10	3.82	none	
2/28/1997	7.04	2.88	none	
3/26/1997	6.59	3.33	none	
5/5/1997	7.03	2.89	none	
6/27/1997	6.50	3.42	none	
7/23/1997	7.23	2.69	none	
8/25/1997	5.90	4.02	none	
9/25/1997	3.81	6.11	none	
10/30/1997	3.32	6.60	none	
12/3/1997	3.54	6.38	none	
12/30/1997	3.60	6.32	none	
1/28/1998	2.42	7.50	none	
3/11/1998	3.33	6.59	none	
3/30/1998	7.08	2.84	none	
4/27/1998	7.36	2.56	none	
6/1/1998	5.78	4.14	none	
6/26/1998	7.02	2.90	none	
9/17/1998	5.85	4.07	none	
12/7/1998	6.40	3.52	none	
5/3/1999	5.40	4.52	none	
8/25/1999	6.92	3.00	none	
11/29/1999	6.07	3.85	none	
4/4/2000	7.09	2.83	none	
10/3/2000	5.89	4.75	none	
5/1/2001	6.81	3.11	none	
11/27/2001	3.69	6.23	none	
7/29/2002	7.00	2.92	none	
1/21/2003	4.13	5.79	none	
Oct-04	**TOC Elevation =**	**9.89**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	6.65	3.24	none	
4/12/2005	6.67	3.22	none	
10/10/2005	5.60	4.29	trace	
10/30/2006	4.67	5.22	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-3	**TOC Elevation (May-96) =**	**11.87**	**Port of Oakland Datum**	
5/23/1996	4.65	7.22	none	
6/28/1996	4.86	7.01	none	
7/29/1996	5.03	6.84	none	
9/3/1996	5.20	6.67	none	
9/9/1996	5.28	6.59	none	
9/18/1996	5.24	6.63	none	**Well Completion Details**
9/23/1996	5.26	6.61	none	2" DIA. SCH. 40 PVC
9/30/1996	5.31	6.56	none	Well Screen (0.010" slot size)
10/17/1996	5.43	6.44	none	Screen Interval (3-18' bgs)
10/28/1996	5.58	6.29	none	Well Installed by SCI
12/2/1996	5.78	6.09	none	
12/30/1996	5.49	6.38	none	
1/16/1997	5.41	6.46	none	
2/28/1997	5.27	6.60	none	
3/26/1997	4.98	6.89	none	
5/5/1997	4.93	6.94	none	
6/27/1997	4.83	7.04	none	
7/23/1997	4.94	6.93	none	
8/25/1997	5.10	6.77	none	
9/25/1997	5.14	6.73	none	
10/30/1997	5.55	6.32	none	
12/3/1997	5.30	6.57	none	
12/30/1997	5.13	6.74	none	
1/28/1998	4.71	7.16	none	
3/11/1998	--	--	--	
3/30/1998	4.13	7.74	none	
4/27/1998	4.02	7.85	none	
6/1/1998	4.30	7.57	none	
6/26/1998	4.11	7.76	none	
9/17/1998	7.58	4.29	none	
12/7/1998	5.56	6.31	none	
5/3/1999	4.92	6.95	none	
8/25/1999	5.30	6.57	none	
11/29/1999	5.70	6.17	none	
4/4/2000	4.87	7.00	none	
10/3/2000	5.38	6.49	none	
5/1/2001	4.94	6.93	none	
11/27/2001	6.00	5.87	none	
7/29/2002	4.99	6.88	none	
1/21/2003	4.14	7.73	none	
Oct-04	**TOC Elevation =**	**11.82**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.5	6.32	1	
4/12/2005	3.91	7.91	trace	
10/10/2005	5.32	6.50	trace	
10/30/2006	5.56	6.26	trace	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-4	**TOC Elevation (Sept-96) =**	**10.03**	**Port of Oakland Datum**	
9/9/1996	4.53	5.50	none	
9/18/1996	4.54	5.49	none	
9/23/1996	4.32	5.71	none	
9/30/1996	4.37	5.66	none	
10/28/1996	3.75	6.28	none	
12/2/1996	2.09	7.94	none	**Well Completion Details**
12/30/1996	1.00	9.03	none	2" DIA. SCH. 40 PVC
1/16/1997	1.60	8.43	none	Well Screen (0.010" slot size)
2/28/1997	2.16	7.87	none	Screen Interval (3-18' bgs)
3/26/1997	2.68	7.35	none	Well Installed by SCI
5/5/1997	3.21	6.82	none	
6/27/1997	3.13	6.90	none	
7/23/1997	3.65	6.38	none	
8/25/1997	3.41	6.62	none	
9/25/1997	3.90	6.13	none	
10/30/1997	4.03	6.00	none	
12/3/1997	2.25	7.78	none	
12/30/1997	2.77	7.26	none	
1/28/1998	2.95	7.08	none	
3/11/1998	1.95	8.08	none	
3/30/1998	2.13	7.90	none	
4/27/1998	2.45	7.58	none	
6/1/1998	2.03	8.00	none	
6/26/1998	2.95	7.08	none	
9/17/1998	3.83	6.20	none	
12/7/1998	1.95	8.08	none	
5/4/1999	2.65	7.38	none	
8/25/1999	3.75	6.28	none	
11/29/1999	3.21	6.82	none	
4/4/2000	2.71	7.32	none	
10/3/2000	3.55	6.48	none	
5/1/2001	2.90	7.13	none	
11/27/2001	4.15	5.88	none	
7/29/2002	4.25	5.78	none	
1/21/2003	4.03	10.03	none	
Oct-04	**TOC Elevation =**	**10.04**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	3.72	6.32	none	
4/12/2005	3.72	6.32	none	
10/10/2005	4.55	5.49	none	
10/30/2006	4.38	5.66	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-5	**TOC Elevation (Sept-96) =**	**10.19**	**Port of Oakland Datum**	
9/9/1996	5.56	4.63	none	
9/18/1996	4.68	5.51	none	
9/23/1996	4.42	5.77	none	
9/30/1996	4.44	5.75	none	
10/28/1996	4.40	5.79	none	
12/2/1996	4.95	5.24	none	**Well Completion Details**
12/30/1996	4.21	5.98	none	2" DIA. SCH. 40 PVC
1/16/1997	4.07	6.12	none	Well Screen (0.010" slot size)
2/28/1997	4.74	5.45	none	Screen Interval (3-18' bgs)
3/26/1997	4.53	5.66	none	Well Installed by SCI
5/5/1997	4.49	5.70	none	
6/27/1997	4.63	5.56	none	
7/23/1997	4.74	5.45	none	
8/25/1997	4.40	5.79	none	
9/25/1997	4.26	5.93	none	
10/30/1997	4.37	5.82	none	
12/3/1997	4.21	5.98	none	
12/30/1997	4.20	5.99	none	
1/28/1998	2.55	7.64	none	
3/11/1998	4.38	5.81	none	
3/30/1998	3.95	6.24	none	
4/27/1998	3.86	6.33	none	
6/1/1998	4.66	5.53	none	
6/26/1998	3.90	6.29	none	
9/17/1998	4.41	5.78	none	
12/7/1998	4.55	5.64	none	
5/3/1999	4.93	5.26	none	
8/25/1999	4.48	5.71	none	
11/29/1999	4.45	5.74	none	
4/4/2000	6.65	3.54	none	
10/3/2000	4.59	5.60	none	
5/1/2001	4.87	5.32	none	
	Well Destroyed May 31, 2001			

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-6	**TOC Elevation (Sept-96) =**	**10.55**	**Port of Oakland Datum**	
9/9/1996	5.86	4.69	none	
9/18/1996	6.54	4.01	none	
9/23/1996	5.47	5.08	none	
9/30/1996	6.44	4.11	none	
10/28/1996	5.93	4.62	none	
12/2/1996	7.04	3.51	none	**Well Completion Details**
12/30/1996	5.60	4.95	none	2" DIA. SCH. 40 PVC
1/16/1997	5.87	4.68	none	Well Screen (0.010" slot size)
2/28/1997	7.00	3.55	none	Screen Interval (3-18' bgs)
3/26/1997	6.54	4.01	none	Well Installed by SCI
5/5/1997	6.72	3.83	none	
6/27/1997	6.65	3.90	none	
7/23/1997	6.60	3.95	none	
8/25/1997	6.15	4.40	none	
9/25/1997	5.11	5.44	none	
10/30/1997	5.37	5.18	none	
12/3/1997	5.29	5.26	none	
12/30/1997	5.42	5.13	none	
1/28/1998	3.56	6.99	none	
3/11/1998	5.11	5.44	none	
3/30/1998	6.46	4.09	none	
4/27/1998	6.64	3.91	none	
6/1/1998	6.04	4.51	none	
6/26/1998	6.23	4.32	none	
9/17/1998	6.17	4.38	none	
12/7/1998	6.64	3.91	none	
5/3/1999	6.16	4.39	none	
8/25/1999	6.56	3.99	none	
11/25/1999	6.55	4.00	none	
4/4/2000	6.87	3.68	none	
10/3/2000	6.37	4.18	none	
5/1/2001	7.22	3.33	none	
11/27/2001	5.36	5.19	none	
7/29/2002	6.98	3.57	none	
1/21/2003	5.81	10.55	none	
Oct-04	**TOC Elevation =**	**10.59**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	6.67	3.92	none	
4/12/2005	6.76	3.83	none	
10/10/2005	6.34	4.25	none	
10/30/2006	8.56	2.03	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-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	**Well Completion Details**
12/30/1996	4.73	7.53	none	2" DIA. SCH. 40 PVC
1/16/1997	4.94	7.32	none	Well Screen (0.010" slot size)
2/28/1997	4.85	7.41	none	Screen Interval (3-18' bgs)
3/26/1997	4.94	7.32	none	Well Installed by SCI
5/5/1997	5.13	7.13	none	
6/27/1997	5.86	6.40	none	
7/23/1997	6.25	6.01	none	
8/25/1997	5.94	6.32	none	
9/25/1997	5.93	6.33	none	
10/30/1997	5.30	6.96	none	
12/3/1997	4.85	7.41	none	
12/30/1997	4.83	7.43	none	
1/28/1998	4.65	7.61	none	
3/11/1998	4.72	7.54	none	
3/30/1998	4.77	7.49	none	
4/27/1998	4.85	7.41	none	
6/1/1998	4.70	7.56	none	
6/26/1998	4.97	7.29	none	
9/17/1998	6.52	5.74	none	
12/7/1998	4.52	7.74	none	
5/3/1999	4.86	7.40	none	
8/25/1999	5.42	6.84	none	
11/29/1999	6.70	5.56	none	
4/4/2000	3.48	8.78	none	
10/3/2000	4.01	8.25	none	
5/1/2001	4.70	7.56	none	
11/27/2001	4.98	7.28	none	
7/29/2002	5.77	6.49	none	
1/21/2003	4.79	7.47	none	
Oct-04	**TOC Elevation =**	**12.26**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.69	6.57	none	
1/10/2005	3.91	8.35	none	
4/12/2005	4.69	7.57	none	
7/19/2005	4.68	7.58	none	
10/10/2005	5.14	7.12	none	
1/10/2006	4.71	7.55	none	
4/24/2006	4.69	7.57	none	
6/26/2006	5.00	7.26	none	
10/30/2006	5.86	6.40	none	
1/9/2007	4.90	7.36	none	
4/18/2007	4.70	7.56	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-8	**TOC Elevation (Sept-96) =**	**12.81**	**Port of Oakland Datum**	
9/9/1996	5.70	7.11	none	
9/18/1996	5.81	7.00	none	
9/23/1996	5.79	7.02	none	
9/30/1996	5.89	6.92	none	
10/17/1996	5.95	6.86	none	
10/28/1996	6.13	6.68	none	**Well Completion Details**
12/2/1996	5.39	7.42	none	2" DIA. SCH. 40 PVC
12/30/1996	4.98	7.83	none	Well Screen (0.010" slot size)
1/16/1997	5.11	7.70	none	Screen Interval (3-18' bgs)
2/28/1997	5.42	7.39	none	Well Installed by SCI
3/26/1997	5.39	7.42	none	
5/5/1997	5.40	7.41	none	
6/27/1997	5.45	7.36	none	
7/23/1997	--	--	--	
8/25/1997	5.21	7.60	none	
9/25/1997	5.49	7.32	none	
10/30/1997	5.61	7.20	none	
12/3/1997	5.09	7.72	none	
12/30/1997	4.19	8.62	none	
1/28/1998	--	--	--	
3/11/1998	--	--	--	
3/30/1998	--	--	--	
4/27/1998	5.06	7.75	none	
6/1/1998	4.18	8.63	none	
6/26/1998	5.17	7.64	none	
9/17/1998	5.56	7.25	none	
12/7/1998	5.17	7.64	none	
5/3/1999	5.13	7.68	none	
8/25/1999	6.95	5.86	none	
11/29/1999	5.45	7.36	none	
4/4/2000	5.10	7.71	none	
10/3/2000	5.31	7.50	none	
5/1/2001	5.22	7.59	none	
11/27/2001	5.30	7.51	none	
7/29/2002	5.54	7.27	none	
1/21/2003	5.18	7.63	none	
Oct-04	**TOC Elevation =**	**12.85**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.56	7.29	none	
4/12/2005	5.05	7.80	none	
10/10/2005	5.73	7.12	none	
10/30/2006	5.54	7.31	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-9	**TOC Elevation (Sept-96) =**	**11.32**	**Port of Oakland Datum**	
9/9/1996	4.92	6.40	none	
9/18/1996	4.94	6.38	none	
9/23/1996	4.94	6.38	none	
9/30/1996	4.92	6.40	none	
10/17/1996	4.97	6.35	none	
10/28/1996	5.07	6.25	none	**Well Completion Details**
12/2/1996	4.71	6.61	none	2" DIA. SCH. 40 PVC
12/30/1996	4.51	6.81	none	Well Screen (0.010" slot size)
1/16/1997	4.66	6.66	none	Screen Interval (3-18' bgs)
3/26/1997	4.60	6.72	none	Well Installed by SCI
5/5/1997	4.65	6.67	none	
6/27/1997	4.71	6.61	none	
7/23/1997	4.77	6.55	none	
8/25/1997	4.72	6.60	none	
9/25/1997	--	--	--	
10/30/1997	4.90	6.42	none	
12/3/1997	--	--	--	
12/30/1997	4.60	6.72	none	
1/28/1998	4.40	6.92	none	
3/11/1998	4.11	7.21	none	
3/30/1998	4.38	6.94	none	
4/27/1998	4.35	6.97	none	
6/1/1998	4.08	7.24	none	
6/26/1998	4.42	6.90	none	
9/17/1998	4.68	6.64	none	
12/7/1998	4.52	6.80	none	
5/3/1999	4.51	6.81	none	
8/25/1999	4.72	6.60	none	
11/29/1999	4.63	6.69	none	
4/4/2000	4.25	7.07	none	
10/3/2000	4.71	6.61	none	
5/1/2001	3.30	8.02	none	
11/27/2001	3.82	7.50	none	
7/29/2002	4.64	6.68	none	
1/21/2003	3.91	7.41	none	
Oct-04	**TOC Elevation =**	**11.34**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.18	6.16	none	
4/12/2005	4.26	7.08	none	
10/10/2005	4.80	6.54	none	
10/30/2006	4.78	6.56	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-10	**TOC Elevation (Sept-96) =**	**12.56**	**Port of Oakland Datum**	
9/9/1996	4.61	7.95	none	
9/18/1996	4.87	7.69	none	
9/23/1996	4.81	7.75	none	
9/30/1996	4.91	7.65	none	
10/17/1996	5.03	7.53	none	
10/28/1996	5.31	7.25	none	**Well Completion Details**
12/2/1996	5.15	7.41	none	2" DIA. SCH. 40 PVC
12/30/1996	4.60	7.96	none	Well Screen (0.010" slot size)
1/16/1997	4.69	7.87	none	Screen Interval (3-18' bgs)
2/28/1997	4.47	8.09	none	Well Installed by SCI
3/26/1997	4.33	8.23	none	
5/5/1997	4.21	8.35	none	
6/27/1997	5.71	6.85	none	
7/23/1997	5.96	6.60	none	
8/25/1997	6.07	6.49	none	
9/25/1997	5.90	6.66	none	
10/30/1997	6.60	5.96	none	
12/3/1997	--	--	--	
12/30/1997	6.10	6.46	none	
1/28/1998	4.97	7.59	none	
3/11/1998	--	--	--	
3/30/1998	5.36	7.20	none	
4/27/1998	5.21	7.35	none	
6/1/1998	5.18	7.38	none	
6/26/1998	5.17	7.39	none	
9/17/1998	4.92	7.64	none	
12/7/1998	6.07	6.49	none	
5/3/1999	5.25	7.31	none	
8/25/1999	6.65	5.91	trace	
11/29/1999	6.58	5.98	none	
4/4/2000	4.08	8.48	none	
10/3/2000	5.99	6.57	none	
5/1/2001	5.68	6.88	none	
11/27/2001	6.71	5.85	none	
7/29/2002	5.85	6.71	none	
1/21/2003	6.67	5.89	none	
Oct-04	**TOC Elevation =**	**12.57**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	6.13	6.44	none	
4/12/2005	6.30	6.27	none	
10/10/2005	5.00	7.57	none	
10/30/2006	5.28	7.29	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-11	**TOC Elevation (Sept-96) =**	**9.49**	**Port of Oakland Datum**	
9/9/1996	5.66	3.83	none	
9/18/1996	6.39	3.10	none	
9/23/1996	4.12	5.37	none	
9/30/1996	6.24	3.25	none	
10/28/1996	5.46	4.03	none	
12/2/1996	6.03	3.46	none	**Well Completion Details**
12/30/1996	3.56	5.93	none	2" DIA. SCH. 40 PVC
1/16/1997	5.17	4.32	none	Well Screen (0.010" slot size)
2/28/1997	6.60	2.89	none	Screen Interval (3-18' bgs)
3/26/1997	6.85	2.64	none	Well Installed by SCI
5/5/1997	6.94	2.55	none	
6/27/1997	5.94	3.55	none	
7/23/1997	7.18	2.31	none	
8/25/1997	5.04	4.45	none	
9/25/1997	3.31	6.18	none	
10/30/1997	3.81	5.68	none	
12/3/1997	4.85	4.64	none	
12/30/1997	1.63	7.86	none	
1/28/1998	3.64	5.85	none	
3/11/1998	3.37	6.12	none	
3/30/1998	7.02	2.47	none	
4/27/1998	7.33	2.16	none	
6/1/1998	--	--	--	
6/26/1998	--	--	--	
9/23/1998	4.77	4.72	none	
12/7/1998	6.17	3.32	none	
5/3/1999	6.01	3.48	none	
8/25/1999	4.31	5.18	none	
11/29/1999	5.42	4.07	none	
4/4/2000	7.00	2.49	none	
10/3/2000	5.49	4.00	none	
5/1/2001	6.95	2.54	none	
11/27/2001	3.55	5.94	none	
7/29/2002	6.85	2.64	none	
1/21/2003	5.90	3.59	none	
Oct-04	**TOC Elevation =**	**9.51**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	6.72	2.79	none	
4/12/2005	7.27	2.24	none	
10/10/2005	5.29	4.22	none	
10/30/2006	5.08	4.43	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-12	**TOC Elevation (Sept-96) =**	**10.94**	**Port of Oakland Datum**	
9/9/1996	6.85	4.09	none	
9/18/1996	7.24	3.70	none	
9/23/1996	5.59	5.35	none	
9/30/1996	7.26	3.68	none	
10/28/1996	7.00	3.94	none	
12/2/1996	7.31	3.63	none	**Well Completion Details**
12/30/1996	5.12	5.82	none	2" DIA. SCH. 40 PVC
1/16/1997	6.41	4.53	none	Well Screen (0.010" slot size)
2/28/1997	7.19	3.75	none	Screen Interval (3-18' bgs)
3/26/1997	7.24	3.70	none	Well Installed by SCI
5/5/1997	7.26	3.68	none	
6/27/1997	7.09	3.85	none	
7/23/1997	7.24	3.70	none	
8/25/1997	6.61	4.33	none	
9/25/1997	4.69	6.25	none	
10/30/1997	5.24	5.70	none	
12/3/1997	6.53	4.41	none	
12/30/1997	2.90	8.04	none	
1/28/1998	5.11	5.83	none	
3/11/1998	4.83	6.11	none	
3/30/1998	7.22	3.72	none	
4/27/1998	7.23	3.71	none	
6/1/1998	7.00	3.94	none	
6/1/1998	7.20	3.74	none	
9/17/1998	6.80	4.14	none	
12/7/1998	7.21	3.73	none	
5/3/1999	7.19	3.75	none	
8/25/1999	6.91	4.03	none	
11/29/1999	6.91	4.03	none	
4/4/2000	6.41	4.53	none	
10/3/2000	6.66	4.28	none	
5/1/2001	6.00	4.94	none	
11/27/2001	5.19	5.75	none	
7/29/2002	7.20	3.74	none	
1/21/2003	7.19	3.75	none	
Oct-04	**TOC Elevation =**	**10.95**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	7.27	3.68	none	
4/12/2005	7.22	3.73	none	
10/10/2005	7.02	3.93	none	
10/30/2006	6.85	4.10	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-13	**TOC Elevation (Sept-96) =**	**12.56**	**Port of Oakland Datum**	
9/9/1996	5.35	7.21	none	
9/18/1996	5.47	7.09	none	
9/23/1996	5.51	7.05	none	
9/30/1996	4.94	7.62	none	
10/17/1996	5.70	6.86	none	
10/28/1996	5.86	6.70	none	**Well Completion Details**
12/2/1996	5.91	6.65	none	2" DIA. SCH. 40 PVC
12/30/1996	5.70	6.86	none	Well Screen (0.010" slot size)
1/16/1997	5.63	6.93	none	Screen Interval (3-18' bgs)
2/28/1997	5.31	7.25	none	Well Installed by SCI
3/26/1997	5.14	7.42	trace	
5/5/1997	4.99	7.57	none	
6/27/1997	4.92	7.64	none	
7/23/1997	--	--	--	
8/25/1997	--	--	--	
9/25/1997	5.14	7.42	none	
10/30/1997	5.75	6.81	none	
12/3/1997	5.55	7.01	none	
12/30/1997	5.43	7.13	none	
1/28/1998	5.08	7.48	none	
3/11/1998	4.46	8.10	none	
3/30/1998	4.42	8.14	none	
4/27/1998	4.22	8.34	none	
6/1/1998	4.24	8.32	none	
6/26/1998	4.25	8.31	none	
9/17/1998	5.14	7.42	none	
12/7/1998	5.78	6.78	none	
5/3/1999	4.61	7.95	none	
8/25/1999	5.32	7.24	none	
11/29/1999	5.83	6.73	none	
4/4/2000	4.84	7.72	none	
10/3/2000	5.52	7.04	none	
5/1/2001	4.75	7.81	none	
11/27/2001	5.79	6.77	none	
7/29/2002	5.12	7.44	none	
1/21/2003	5.56	7.00	none	
Oct-04	**TOC Elevation =**	**12.57**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.70	6.87	none	
4/12/2005	4.46	8.11	none	
10/10/2005	5.48	7.09	none	
10/30/2006	5.35	7.22	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-14	**TOC Elevation (Sept-96) =**	**13.64**	**Port of Oakland Datum**	
9/9/1996	8.28	5.36	none	
9/18/1996	8.50	5.14	none	
9/23/1996	8.18	5.46	none	
9/30/1996	8.41	5.23	none	
10/28/1996	8.43	5.21	none	
12/2/1996	8.56	5.08	none	**Well Completion Details**
12/30/1996	7.89	5.75	none	2" DIA. SCH. 40 PVC
1/16/1997	8.00	5.64	none	Well Screen (0.010" slot size)
2/28/1997	8.48	5.16	none	Screen Interval (3-18' bgs)
3/26/1997	8.34	5.30	none	Well Installed by SCI
5/5/1997	8.30	5.34	none	
6/27/1997	8.20	5.44	none	
7/23/1997	8.30	5.34	none	
8/25/1997	8.09	5.55	none	
9/25/1997	7.81	5.83	none	
10/30/1997	8.17	5.47	none	
12/3/1997	7.58	6.06	none	
12/30/1997	7.52	6.12	none	
1/28/1998	7.19	6.45	none	
3/11/1998	7.21	6.43	none	
3/30/1998	7.41	6.23	none	
4/27/1998	7.99	5.65	none	
6/1/1998	7.59	6.05	none	
6/26/1998	8.07	5.57	none	
9/17/1998	8.16	5.48	none	
12/7/1998	7.73	5.91	none	
5/3/1999	7.64	6.00	none	
8/25/1999	7.95	5.69	none	
11/29/1999	8.34	5.30	none	
4/4/2000	8.03	5.61	none	
10/3/2000	8.21	5.43	none	
5/1/2001	7.95	5.69	none	
	Well Destroyed May 30, 2001			

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-15	**TOC Elevation (Sept-96) =**	**13.45**	**Port of Oakland Datum**	
9/9/1996	8.60	4.85	none	
9/18/1996	8.61	4.84	none	
9/23/1996	8.62	4.83	none	
9/30/1996	8.51	4.94	none	
10/28/1996	8.72	4.73	none	
12/2/1996	8.91	4.54	none	**Well Completion Details**
12/30/1996	8.36	5.09	none	2" DIA. SCH. 40 PVC
1/16/1997	8.44	5.01	none	Well Screen (0.010" slot size)
2/28/1997	8.54	4.91	none	Screen Interval (3-18' bgs)
3/26/1997	8.57	4.88	none	Well Installed by SCI
5/5/1997	8.73	4.72	none	
6/27/1997	8.42	5.03	none	
7/23/1997	8.28	5.17	none	
8/25/1997	8.31	5.14	none	
9/25/1997	8.32	5.13	none	
10/30/1997	--	--	--	
12/3/1997	8.21	5.24	none	
12/30/1997	8.23	5.22	none	
1/28/1998	8.14	5.31	none	
3/11/1998	--	--	--	
3/30/1998	--	--	--	
4/27/1998	--	--	--	
6/1/1998	8.11	5.34	none	
6/26/1998	8.00	5.45	none	
9/17/1998	8.28	5.17	none	
12/7/1998	8.63	4.82	none	
5/3/1999	8.30	5.15	none	
8/25/1999	8.75	4.70	none	
11/29/1999	8.74	4.71	none	
4/4/2000	8.28	5.17	none	
10/3/2000	8.48	4.97	none	
5/1/2001	8.40	5.05	none	
11/27/2001	4.85	8.60	none	
7/29/2002	--	--	--	
1/22/2003	8.33	5.12	none	
Oct-04	**TOC Elevation =**	**13.46**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	8.49	4.97	none	
4/12/2005	7.86	5.60	none	
10/10/2005	8.56	4.90	none	
10/30/2006	8.50	4.96	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-16	**TOC Elevation (Sept-96) =**	**10.40**	**Port of Oakland Datum**	
9/9/1996	3.59	6.81	none	
9/18/1996	3.46	6.94	none	
9/23/1996	3.44	6.96	none	
9/30/1996	3.44	6.96	none	
10/28/1996	4.39	6.01	none	
12/2/1996	3.64	6.76	none	**Well Completion Details**
12/30/1996	3.19	7.21	none	2" DIA. SCH. 40 PVC
1/16/1997	3.37	7.03	none	Well Screen (0.010" slot size)
2/28/1997	3.47	6.93	none	Screen Interval (3-18' bgs)
3/26/1997	3.39	7.01	none	Well Installed by SCI
5/5/1997	3.27	7.13	none	
6/27/1997	3.27	7.13	none	
7/23/1997	3.39	7.01	none	
8/25/1997	3.11	7.29	none	
9/25/1997	3.35	7.05	none	
10/30/1997	3.19	7.21	none	
12/3/1997	3.22	7.18	none	
12/30/1997	--	--	--	
1/28/1998	--	--	--	
3/11/1998	3.23	7.17	none	
3/30/1998	3.24	7.16	none	
4/27/1998	3.26	7.14	none	
6/1/1998	3.10	7.30	none	
6/26/1998	3.07	7.33	none	
9/17/1998	3.36	7.04	none	
12/7/1998	3.83	6.57	none	
5/3/1999	3.72	6.68	none	
8/25/1999	5.65	4.75	none	
11/29/1999	3.74	6.66	none	
4/4/2000	3.75	6.65	none	
10/3/2000	3.76	6.64	none	
5/1/2001	4.10	6.30	none	
11/27/2001	3.68	6.72	none	
7/29/2002	4.01	6.39	none	
1/21/2003	3.80	6.60	none	
Oct-04	**TOC Elevation =**	**10.41**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	4.11	6.30	none	
4/12/2005	4.09	6.32	none	
10/10/2005	3.97	6.44	none	
10/30/2006	4.05	6.36	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-17	**TOC Elevation (Sept-96) =**	**10.14**	**Port of Oakland Datum**	
9/9/1996	3.59	6.55	none	
9/18/1996	2.83	7.31	none	
9/23/1996	2.96	7.18	none	
9/30/1996	3.00	7.14	none	
10/28/1996	3.04	7.10	none	
12/2/1996	2.86	7.28	none	**Well Completion Details**
12/30/1996	0.18	9.96	none	2" DIA. SCH. 40 PVC
1/16/1997	2.47	7.67	none	Well Screen (0.010" slot size)
2/28/1997	2.63	7.51	none	Screen Interval (3-18' bgs)
3/26/1997	2.51	7.63	none	Well Installed by SCI
5/5/1997	2.63	7.51	none	
6/27/1997	1.87	8.27	none	
7/23/1997	5.61	4.53+	none	
8/25/1997	3.65	6.49	none	
9/25/1997	5.50	4.64+	none	
10/30/1997	3.17	6.97	none	
12/3/1997	4.94	5.20+	none	
12/30/1997	2.67	7.47	none	
1/28/1998	2.25	7.89	none	
3/11/1998	2.25	7.89	none	
3/30/1998	2.35	7.79	none	
4/27/1998	2.36	7.78	none	
6/1/1998	2.27	7.87	none	
6/26/1998	4.51	5.63	none	
9/17/1998	3.20	6.94	none	
12/7/1998	3.66	6.48	none	
5/3/1999	3.02	7.12	none	
8/25/1999	4.95	5.19	none	
11/29/1999	3.49	6.65	none	
4/4/2000	3.45	6.69	none	
10/3/2000	--	--	--	
	Well Destroyed May 30, 2001			

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-18	**TOC Elevation (Sept-96) =**	**10.81**	**Port of Oakland Datum**	
9/9/1996	5.59	5.22+	none	
9/18/1996	3.86	6.95	none	
9/23/1996	3.82	6.99	none	
9/30/1996	3.85	6.96	none	
10/17/1996	4.00	6.81	none	
10/28/1996	4.18	6.63	none	
12/2/1996	4.06	6.75	none	
12/30/1996	3.60	7.21	none	
1/16/1997	3.83	6.98	none	
2/28/1997	3.56	7.25	none	
3/26/1997	4.70	6.11	none	
5/5/1997	3.36	7.45	none	
6/27/1997	3.17	7.64	none	
7/23/1997	3.42	7.39	none	
8/25/1997	3.49	7.32	none	
9/25/1997	3.42	7.39	none	
10/30/1997	3.97	6.84	none	
12/3/1997	3.85	6.96	none	
12/30/1997	3.83	6.98	none	
1/28/1998	3.57	7.24	none	
3/11/1998	3.40	7.41	none	
3/30/1998	3.36	7.45	none	
4/27/1998	3.15	7.66	none	
6/1/1998	3.09	7.72	none	
6/26/1998	3.15	7.66	none	
9/17/1998	3.58	7.23	none	
12/7/1998	4.01	6.80	none	
5/3/1999	3.25	7.56	none	
8/25/1999	5.85	4.96	none	
11/29/1999	4.14	6.67	none	
4/4/2000	4.45	6.36	none	
10/3/2000	3.70	7.11	none	
5/1/2001	5.89	10.81	none	
11/27/2001	6.05	4.76	none	
7/29/2002	6.01	4.80	none	
1/21/2003	3.95	6.86	none	
Oct-04	**TOC Elevation =**	**10.82**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.92	4.90	none	
4/12/2005	6.17	4.65	none	
10/10/2005	--	--	--	well under shipping container
10/30/2006	6.04	4.78	none	well under shipping container

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-19	**TOC Elevation (Sept-96) =**	**10.46**	**Port of Oakland Datum**	
9/9/1996	4.30	6.16	none	
9/18/1996	4.36	6.10	none	
9/23/1996	4.32	6.14	none	
9/30/1996	4.23	6.23	none	
10/28/1996	4.45	6.01	none	
12/2/1996	3.54	6.92	none	**Well Completion Details**
12/30/1996	2.59	7.87	none	2" DIA. SCH. 40 PVC
1/16/1997	3.04	7.42	none	Well Screen (0.010" slot size)
2/28/1997	3.69	6.77	none	Screen Interval (3-18' bgs)
3/26/1997	3.69	6.77	none	Well Installed by SCI
5/5/1997	3.82	6.64	none	
6/27/1997	3.94	6.52	none	
7/23/1997	3.89	6.57	none	
8/25/1997	3.78	6.68	none	
9/25/1997	4.02	6.44	none	
10/30/1997	4.12	6.34	none	
12/3/1997	3.11	7.35	none	
12/30/1997	3.52	6.94	none	
1/28/1998	2.91	7.55	none	
3/11/1998	3.08	7.38	none	
3/30/1998	3.16	7.30	none	
4/27/1998	3.38	7.08	none	
6/1/1998	3.00	7.46	none	
6/26/1998	3.58	6.88	none	
9/17/1998	4.08	6.38	none	
12/7/1998	3.24	7.22	none	
5/3/1999	3.54	6.92	none	
8/25/1999	4.60	5.86	none	
11/29/1999	4.00	6.46	none	
4/4/2000	3.56	6.90	none	
10/3/2000	4.18	6.28	none	
5/1/2001	3.60	6.86	none	
11/27/2001	3.62	6.84	none	
7/29/2002	4.10	6.36	none	
1/21/2003	3.62	6.84	none	
Oct-04	**TOC Elevation =**	**10.55**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	4.10	6.45	none	
4/12/2005	3.42	7.13	none	
10/10/2005	4.20	6.35	none	
10/30/2006	4.80	5.75	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-20	**TOC Elevation (Sept-96) =**	**9.11**	**Port of Oakland Datum**	
9/9/1996	2.08	7.03	none	
9/18/1996	2.27	6.84	none	
9/23/1996	2.26	6.85	none	
9/30/1996	2.34	6.77	none	
10/28/1996	2.68	6.43	none	
12/2/1996	1.45	7.66	none	**Well Completion Details**
12/30/1996	1.12	7.99	none	2" DIA. SCH. 40 PVC
1/16/1997	1.44	7.67	none	Well Screen (0.010" slot size)
2/28/1997	1.60	7.51	none	Screen Interval (3-18' bgs)
3/26/1997	1.54	7.57	none	Well Installed by SCI
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			

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-21	**TOC Elevation (May-97) =**	**9.67**	**Port of Oakland Datum**	
5/5/1997	2.23	7.44	none	
6/27/1997	2.40	7.27	none	
7/23/1997	2.75	6.92	none	
8/25/1997	2.87	6.80	none	
9/25/1997	3.00	6.67	none	
10/30/1997	3.16	6.51	none	**Well Completion Details**
12/3/1997	2.21	7.46	none	2" DIA. SCH. 40 PVC
12/30/1997	2.11	7.56	none	Well Screen (0.020" slot size)
1/28/1998	1.67	8.00	none	Screen Interval (3-18' bgs)
3/11/1998	1.27	8.40	none	Well Installed by SCI
3/30/1998	1.35	8.32	none	
4/27/1998	1.41	8.26	none	
6/1/1998	1.16	8.51	none	
6/26/1998	1.76	7.91	none	
9/17/1998	2.13	7.54	none	
12/7/1998	1.71	7.96	none	
5/3/1999	1.35	8.32	none	
8/25/1999	1.35	8.32	none	
11/29/1999	0.69	8.98	none	
4/4/2000	0.50	9.17	none	
10/3/2000	1.92	7.75	none	
5/1/2001	2.68	6.99	none	
11/27/2001	2.78	6.89	none	
7/29/2002	3.19	6.48	none	
1/21/2003	2.84	6.83	none	
Oct-04	**TOC Elevation =**	**9.70**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	3.21	6.49	none	
4/12/2005	1.36	8.34	none	
10/10/2005	3.15	6.55	none	
10/30/2006	3.25	6.45	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-22	**TOC Elevation (May-97) =**	**12.00**	**Port of Oakland Datum**	
5/5/1997	3.78	8.22	none	
6/27/1997	4.10	7.90	none	
7/23/1997	4.34	7.66	none	
8/25/1997	4.04	7.96	none	
9/25/1997	4.31	7.69	none	
10/30/1997	4.39	7.61	none	**Well Completion Details**
12/3/1997	4.05	7.95	none	2" DIA. SCH. 40 PVC
12/30/1997	4.48	7.52	none	Well Screen (0.020" slot size)
1/28/1998	4.03	7.97	none	Screen Interval (3-18' bgs)
3/11/1998	4.07	7.93	none	Well Installed by SCI
3/30/1998	3.87	8.13	none	
4/27/1998	4.21	7.79	none	
6/1/1998	3.59	8.41	none	
6/26/1998	4.21	7.79	none	
9/17/1998	4.76	7.24	none	
12/7/1998	3.93	8.07	none	
5/3/1999	4.34	7.66	none	
8/25/1999	5.71	6.29	none	
11/29/1999	5.19	6.81	none	
4/4/2000	4.50	7.50	none	
10/3/2000	6.64	5.36	none	
5/1/2001	5.00	7.00	none	
11/27/2001	4.65	7.35	none	
7/29/2002	4.41	7.59	none	
1/21/2003	4.68	7.32	none	
Oct-04	**TOC Elevation =**	**12.03**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.95	6.08	none	
4/12/2005	4.54	7.49	none	
10/10/2005	5.79	6.24	none	
10/30/2006	5.73	6.30	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-23	**TOC Elevation (May-97) =**	**9.74**	**Port of Oakland Datum**	
5/5/1997	4.19	5.55	none	
6/27/1997	4.10	5.64	none	
7/23/1997	4.43	5.31	none	
8/25/1997	4.37	5.37	none	
9/25/1997	--	--	--	
10/30/1997	4.27	5.47	none	**Well Completion Details**
12/3/1997	3.24	6.50	none	2" DIA. SCH. 40 PVC
12/30/1997	3.52	6.22	none	Well Screen (0.020" slot size)
1/28/1998	3.02	6.72	none	Screen Interval (3-18' bgs)
3/11/1998	3.32	6.42	none	Well Installed by SCI
3/30/1998	3.35	6.39	none	
4/27/1998	--	--	--	
6/1/1998	--	--	--	
6/26/1998	--	--	--	
9/17/1998	4.28	5.46	none	
12/10/1998	3.35	6.39	none	
5/3/1999	3.65	6.09	none	
8/25/1999	4.35	5.39	none	
11/29/1999	4.18	5.56	none	
4/4/2000	6.95	2.79	none	
10/3/2000	4.55	5.19	none	
5/1/2001	3.80	5.94	none	
11/27/2001	3.58	6.16	none	
7/29/2002	--	--	--	
1/21/2003	--	--	--	
	Well Destroyed September 30, 2004			

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-24	**TOC Elevation (May-97) =**	**9.74**	**Port of Oakland Datum**	
5/5/1997	5.30	4.44	none	
6/27/1997	4.85	4.89	none	
7/23/1997	4.79	4.95	none	
8/25/1997	4.28	5.46	none	
9/25/1997	4.45	5.29	none	
10/30/1997	4.67	5.07	none	**Well Completion Details**
12/3/1997	3.63	6.11	none	2" DIA. SCH. 40 PVC
12/30/1997	3.58	6.16	none	Well Screen (0.020" slot size)
1/28/1998	3.58	6.16	none	Screen Interval (3-18' bgs)
3/11/1998	--	--	--	Well Installed by SCI
3/30/1998	4.23	5.51	none	
4/27/1998	4.55	5.19	none	
6/1/1998	3.96	5.78	none	
6/26/1998	4.21	5.53	none	
9/17/1998	4.78	4.96	none	
12/7/1998	3.95	5.79	none	
5/3/1999	4.60	5.14	none	
8/25/1999	5.15	4.59	0.50	
11/29/1999	4.75	4.99	none	
4/4/2000	4.69	5.05	none	
10/3/2000	4.79	4.95	none	
5/2/2001	4.80	4.94	none	
11/27/2001	4.37	5.37	none	
7/29/2002	4.57	5.17	none	
1/21/2003	4.00	5.74	none	
Oct-04	**TOC Elevation =**	**9.72**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	4.61	5.11	none	
4/12/2004	3.99	5.73	trace	
10/10/2005	4.76	4.96	trace	
4/24/2006	3.76	5.96	trace	
10/30/2006	4.58	5.14	trace	
4/18/2007	4.55	5.17	trace	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-25	**TOC Elevation (May-97) =**	**8.30**	**Port of Oakland Datum**	
5/5/1997	1.00	7.30	none	
6/27/1997	2.11	6.19	none	
7/23/1997	1.94	6.36	none	
8/25/1997	1.53	6.77	none	
9/25/1997	1.46	6.84	none	
10/30/1997	1.08	7.22	none	**Well Completion Details**
12/3/1997	0.87	7.43	none	2" DIA. SCH. 40 PVC
12/30/1997	0.83	7.47	none	Well Screen (0.020" slot size)
1/28/1998	0.70	7.60	none	Screen Interval (3-18' bgs)
3/11/1998	0.50	7.80	none	Well Installed by SCI
3/30/1998	0.65	7.65	none	
4/27/1998	0.73	7.57	none	
6/1/1998	0.55	7.75	none	
6/26/1998	0.75	7.55	none	
9/17/1998	1.11	7.19	none	
12/7/1998	0.86	7.44	none	
5/3/1999	0.88	7.42	none	
8/25/1999	1.23	7.07	none	
11/29/1999	0.60	7.70	none	
4/4/2000	0.42	7.88	none	
Well Destroyed May 30, 2001				

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-26	**TOC Elevation (May-97) =**	**11.33**	**Port of Oakland Datum**	
5/5/1997	3.18	8.15	none	
6/27/1997	3.31	8.02	none	
7/23/1997	3.46	7.87	none	
8/25/1997	3.21	8.12	none	
9/25/1997	3.42	7.91	none	
10/30/1997	3.56	7.77	none	**Well Completion Details**
12/3/1997	2.55	8.78	none	2" DIA. SCH. 40 PVC
12/30/1997	3.25	8.08	none	Well Screen (0.020" slot size)
1/28/1998	2.93	8.40	none	Screen Interval (3-20' bgs)
3/11/1998	3.98	7.35	none	Well Installed by SCI
3/30/1998	4.13	7.20	none	
4/27/1998	3.93	7.40	none	
6/1/1998	3.56	7.77	none	
6/26/1998	3.65	7.68	none	
9/17/1998	3.92	7.41	none	
12/7/1998	3.25	8.08	none	
5/3/1999	3.68	7.65	none	
8/25/1999	3.61	7.72	none	
11/29/1999	3.41	7.92	none	
4/4/2000	3.90	7.43	none	
10/3/2000	3.41	7.92	none	
5/1/2001	--	--	--	
11/27/2001	--	--	--	
7/29/2002	3.82	7.51	none	
1/21/2003	2.70	8.63	none	
Oct-04	**TOC Elevation =**	**11.42**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	3.67	7.75	none	
4/12/2005	3.14	8.28	none	
10/10/2005	3.98	7.44	none	
1/10/2006	3.62	7.80	none	
10/30/2006	3.92	7.50	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-27	**TOC Elevation (May-97) =**	**11.43**	**Port of Oakland Datum**	
5/5/1997	4.98	6.45	none	
6/27/1997	4.85	6.58	none	
7/23/1997	4.80	6.63	none	
8/25/1997	4.81	6.62	none	
9/25/1997	4.85	6.58	none	
10/30/1997	4.91	6.52	none	**Well Completion Details**
12/3/1997	4.74	6.69	none	2" DIA. SCH. 40 PVC
12/30/1997	4.75	6.68	none	Well Screen (0.020" slot size)
1/28/1998	4.37	7.06	none	Screen Interval (3-18' bgs)
3/11/1998	4.70	6.73	none	Well Installed by SCI
3/30/1998	4.71	6.72	none	
4/27/1998	4.53	6.90	none	
6/1/1998	4.74	6.69	none	
6/26/1998	4.74	6.69	none	
9/17/1998	4.85	6.58	none	
12/7/1998	4.77	6.66	none	
5/4/1999	4.91	6.52	none	
8/25/1999	4.95	6.48	none	
11/29/1999	4.91	6.52	none	
4/4/2000	3.78	7.65	none	
10/3/2000	4.90	6.53	none	
5/1/2001	4.80	6.63	none	
11/27/2001	4.76	6.67	none	
7/29/2002	4.83	6.60	none	
1/21/2003	4.76	6.67	none	
Oct-04	**TOC Elevation =**	**11.49**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.00	6.49	none	
4/12/2005	4.77	6.72	none	
10/10/2005	4.99	6.50	none	
10/30/2006	4.90	6.59	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-28	**TOC Elevation (May-97) =**	**13.30**	**Port of Oakland Datum**	
5/5/1997	4.96	8.34	none	
6/27/1997	5.12	8.18	none	
7/23/1997	--	--	--	
8/25/1997	5.04	8.26	none	
9/25/1997	5.23	8.07	none	
10/30/1997	5.39	7.91	none	**Well Completion Details**
12/3/1997	4.47	8.83	none	2" DIA. SCH. 40 PVC
12/30/1997	4.72	8.58	none	Well Screen (0.020" slot size)
1/28/1998	4.16	9.14	none	Screen Interval (3-20' bgs)
3/11/1998	4.20	9.10	none	Well Installed by SCI
3/30/1998	4.27	9.03	none	
4/27/1998	4.41	8.89	none	
6/1/1998	4.25	9.05	none	
6/26/1998	4.70	8.60	none	
9/17/1998	5.47	7.83	none	
12/7/1998	4.64	8.66	none	
5/3/1999	4.32	8.98	none	
8/25/1999	5.44	7.86	none	
11/29/1999	5.04	8.26	none	
4/4/2000	3.56	9.74	none	
10/3/2000	5.51	7.79	none	
5/1/2001	4.53	8.77	none	
11/27/2001	5.11	8.19	none	
7/29/2002	5.37	7.93	none	
1/21/2003	4.60	8.70	none	
Oct-04	**TOC Elevation =**	**13.32**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.51	7.81	none	
4/12/2005	4.39	8.93	none	
10/10/2005	10.00	3.32	none	
10/30/2006	5.60	7.72	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-29	**TOC Elevation (May-97) =**	**13.18**	**Port of Oakland Datum**	
5/15/1997	5.70	7.48	none	
6/27/1997	5.58	7.60	none	
7/23/1997	5.63	7.55	none	
8/25/1997	5.56	7.62	none	
9/25/1997	5.61	7.57	none	
10/30/1997	5.63	7.55	none	**Well Completion Details**
12/3/1997	5.23	7.95	none	2" DIA. SCH. 40 PVC
12/30/1997	5.52	7.66	none	Well Screen (0.020" slot size)
1/28/1998	5.29	7.89	none	Screen Interval (3-19' bgs)
3/11/1998	5.37	7.81	none	Well Installed by SCI
3/30/1998	5.37	7.81	none	
4/27/1998	5.48	7.70	none	
6/1/1998	5.26	7.92	none	
6/26/1998	5.50	7.68	none	
9/17/1998	5.67	7.51	none	
12/7/1998	5.24	7.94	none	
5/3/1999	5.55	7.63	none	
8/25/1999	5.95	7.23	none	
11/29/1999	5.71	7.47	none	
4/4/2000	5.59	7.59	none	
10/3/2000	5.68	7.50	none	
5/1/2001	5.49	7.69	none	
12/10/2001	5.25	7.93	none	
7/29/2002	5.59	7.59	none	
1/21/2003	5.47	7.71	none	
Oct-04	**TOC Elevation =**	**13.27**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.79	7.48	none	
4/12/2005	5.30	7.97	none	
10/10/2005	5.79	7.48	none	
10/30/2006	5.74	7.53	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-30	**TOC Elevation (Oct-97) =**	**12.34**	**Port of Oakland Datum**	
10/30/1997	4.81	7.53	none	
12/3/1997	3.99	8.35	none	
12/30/1997	4.26	8.08	none	
1/28/1998	3.75	8.59	none	
3/11/1998	3.81	8.53	none	
3/30/1998	4.21	8.13	none	**Well Completion Details**
4/27/1998	4.35	7.99	none	2" DIA. SCH. 40 PVC
6/1/1998	4.15	8.19	none	Well Screen (0.020" slot size)
6/26/1998	4.51	7.83	none	Screen Interval (4-19' bgs)
9/17/1998	4.71	7.63	none	Well Installed by SCI
12/7/1998	4.39	7.95	none	
5/3/1999	4.45	7.89	none	
8/25/1999	4.95	7.39	none	
11/29/1999	4.40	7.94	none	
4/4/2000	--	--	--	
10/3/2000	5.08	7.26	none	
5/1/2001	4.24	8.10	none	
11/29/2001	4.75	7.60	none	
7/29/2002	4.41	7.93	none	
1/21/2003	4.25	8.09	--	
Oct-04	**TOC Elevation =**	**12.33**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	4.88	7.45	none	
4/12/2005	3.62	8.71	none	
10/10/2005	4.86	7.47	none	
10/30/2006	4.91	7.42	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-31D	**TOC Elevation (Oct-97) =**	**11.92**	**Port of Oakland Datum**	
10/30/1997	7.69	4.23	none	
12/3/1997	7.58	4.34	none	**Extends into Merritt Sand Formation**
12/30/1997	7.47	4.45	none	**Below Estuarine Deposits.**
1/28/1998	7.37	4.55	none	**Displays Confined Aquifer Characteristics.**
3/11/1998	7.20	4.72	none	
3/30/1998	7.35	4.57	none	
4/27/1998	7.54	4.38	none	
6/1/1998	7.57	4.35	none	
6/26/1998	7.63	4.29	none	
9/17/1998	7.58	4.34	none	**Well Completion Details**
12/7/1998	7.90	4.02	none	2" DIA. SCH. 40 PVC
5/3/1999	7.91	4.01	none	Well Screen (0.020" slot size)
8/25/1999	7.85	4.07	none	Screen Interval (39-49' bgs)
11/29/1999	7.79	4.13	none	Well Installed by SCI
4/4/2000	--	--	--	
10/3/2000	7.60	4.32	none	
5/1/2001	7.90	4.02	none	
11/27/2001	7.45	4.47	none	
7/29/2002	7.87	4.05	none	
1/21/2003	7.09	4.83	none	
Oct-04	**TOC Elevation =**	**11.92**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	6.55	5.37	none	
4/12/2005	6.11	5.81	none	
10/10/2005	6.56	5.36	none	
10/30/2006	6.39	5.53	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-32	**TOC Elevation (Oct-97) =**	**12.75**	**Port of Oakland Datum**	
10/30/1997	5.02	7.73	none	
12/3/1997	4.50	8.25	none	
12/30/1997	4.59	8.16	none	
1/28/1998	--	--	--	
3/11/1998	4.17	8.58	none	
3/30/1998	4.39	8.36	none	**Well Completion Details**
4/27/1998	4.34	8.41	none	2" DIA. SCH. 40 PVC
6/1/1998	4.33	8.42	none	Well Screen (0.020" slot size)
6/26/1998	4.53	8.22	none	Screen Interval (4-21' bgs)
9/17/1998	5.04	7.71	none	Well Installed by SCI
12/7/1998	4.51	8.24	none	
5/3/1999	4.32	8.43	none	
8/25/1999	7.80	4.95	none	
11/29/1999	4.71	8.04	none	
4/4/2000	4.65	8.10	none	
10/3/2000	5.50	7.25	none	
5/1/2001	4.35	8.40	none	
11/27/2001	4.91	7.84	none	
7/29/2002	5.38	7.37	none	
1/21/2003	4.09	8.66	none	
Oct-04	**TOC Elevation =**	**12.79**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.00	7.79	none	
4/12/2005	3.78	9.01	none	
10/10/2005	5.00	7.79	none	
10/30/2006	5.00	7.79	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-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	**Well Completion Details**
4/27/1998	3.96	7.51	none	2" DIA. SCH. 40 PVC
6/1/1998	3.86	7.61	none	Well Screen (0.020" slot size)
6/26/1998	4.05	7.42	none	Screen Interval (4-17' bgs)
9/17/1998	4.32	7.15	none	Well Installed by SCI
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	
10/10/2005	4.54	6.91	none	
10/30/2006	4.50	6.95	none	
1/9/2007	4.25	7.20	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-34	**TOC Elevation (Oct-97) =**	**10.93**	**Port of Oakland Datum**	
10/30/1997	6.05	4.88	none	
12/3/1997	5.48	5.45	none	
12/30/1997	5.43	5.50	none	
1/28/1998	5.30	5.63	none	
3/11/1998	6.01	4.92	none	
3/30/1998	5.82	5.11	none	**Well Completion Details**
4/27/1998	6.14	4.79	none	2" DIA. SCH. 40 PVC
6/1/1998	6.05	4.88	none	Well Screen (0.020" slot size)
6/26/1998	5.81	5.12	none	Screen Interval (4-17' bgs)
9/17/1998	6.06	4.87	none	Well Installed by SCI
12/7/1998	6.02	4.91	none	
5/3/1999	6.44	4.49	none	
8/25/1999	6.86	4.07	none	
11/29/1999	6.23	4.70	none	
4/4/2000	5.43	5.50	none	
10/3/2000	4.99	5.94	none	
5/1/2001	6.47	4.46	none	
11/27/2001	6.15	4.78	none	
7/29/2002	--	--	--	
1/21/2003	5.84	5.09	none	
Oct-04	**TOC Elevation =**	**10.88**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	6.00	4.88	none	
4/12/2005	5.92	4.96	none	
10/10/2005	6.23	4.65	none	
10/30/2006	6.14	4.74	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-35	**TOC Elevation (Oct-97) =**	**10.10**	**Port of Oakland Datum**	
10/30/1997	5.23	4.87	none	
12/3/1997	4.06	6.04	none	
12/30/1997	4.01	6.09	none	
1/28/1998	4.30	5.80	none	
3/11/1998	4.98	5.12	none	
3/30/1998	4.90	5.20	none	**Well Completion Details**
4/27/1998	5.23	4.87	none	2" DIA. SCH. 40 PVC
6/1/1998	5.01	5.09	none	Well Screen (0.020" slot size)
6/26/1998	4.97	5.13	none	Screen Interval (3-17' bgs)
9/17/1998	5.36	4.74	none	Well Installed by SCI
12/7/1998	4.95	5.15	none	
5/3/1999	5.60	4.50	none	
8/25/1999	5.95	4.15	none	
11/29/1999	5.47	4.63	none	
4/4/2000	5.55	4.55	none	
10/3/2000	4.57	5.53	none	
5/1/2001	5.91	4.19	none	
11/27/2001	5.29	4.81	none	
7/29/2002	--	--	--	
1/21/2003	5.02	5.08	none	
Oct-04	**TOC Elevation =**	**10.12**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.28	4.84	none	
4/12/2005	4.25	5.87	none	
10/10/2005	5.52	4.60	none	
10/30/2006	5.28	4.84	none	

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
Oil Filled Manhole	**TOC Elevation (Dec-96) =**	**12.39**	**Port of Oakland Datum**	
12/30/1996	6.22	6.17	trace	
1/16/1997	8.00	4.39	0.01	**Hydraulically Connected to Bay water.**
2/28/1997	8.42	3.97	0.01	**Tidally Influenced.**
3/26/1997	8.42	3.97	trace	
5/5/1997	8.51	3.88	0.06	
6/27/1997	8.42	3.97	trace	
7/23/1997	8.42	3.97	trace	
8/25/1997	7.67	4.72	trace	
9/25/1997	6.17	6.22	trace	
10/30/1997	6.42	5.97	0.00	
12/3/1997	8.08	4.31	trace	
12/30/1997	4.50	7.89	trace	
1/28/1998	6.00	6.39	trace	
3/11/1998	5.92	6.47	trace	
3/30/1998	8.33	4.06	trace	
4/27/1998	8.50	3.89	trace	
6/1/1998	8.33	4.06	trace	
6/26/1998	8.42	3.97	trace	
9/17/1998	8.42	3.97	trace	
12/7/1998	8.33	4.06	trace	
5/2/1998	--	--	0.50	
8/25/1999	--	--	4.50	
11/29/1999	--	--	trace	
4/4/2000	5.25	7.14	trace	
10/3/2000	4.57	7.82	none	
5/2/2001	7.70	4.69	none	
11/27/2001	8.48	3.91	none	
7/29/2002	8.50	3.89	none	
1/21/2003	7.42	4.97	none	
9/30/2004	5.58	6.81	trace	
4/12/2005	8.11	4.28	trace	
10/10/2005	8.40	3.99	trace	
10/30/2006	8.45	3.94	trace	

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

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
MW-1	Uribe	F	4/4/1994	5.90	--	<50	**510**	--	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
MW-1	Uribe	F	10/3/1994	4.36	--	--	**390 y**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-1	Clayton	F	4/10/1995	5.05	--	<50	**330**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-1	Clayton	F	7/24/1995	4.97	--	<50	**230**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-1	Clayton	F	11/10/1995	4.47	--	<50	**430**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-1	Clayton/SCI	F	2/20/1996	5.50	--	<50	**590 yh**	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--
MW-1	SCI	F	5/24/1996	4.95	--	<50	**870 yh**	**630 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-1	SCI	F	9/6/1996	4.34	--	<50	**850 yh**	**490 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-1	SCI	F	12/5/1996	5.19	--	<50	**4,500 yhl**	**2,100 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-1	SCI	F	9/25/1998	4.68	--	--	<47	<280	--	--	--	--	--	--	--	--	--	--	--
MW-1	SCI	F	12/3/1999	4.59	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-1	SCI	F	5/31/2001	**Well Destroyed**															
MW-2	Uribe	F	4/4/1994	5.31	--	<50	**1,800**	--	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
MW-2	Uribe	F	10/5/1994	5.39	--	--	**1,200 y**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-2	Clayton	F	4/10/1995	6.29	--	<50	**550**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-2	Clayton	F	7/24/1995	5.91	--	**70**	**960**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-2	Clayton	F	11/10/1995	5.73	--	<50	**920**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-2	Clayton/SCI	F	2/20/1996	6.51	--	<50	**1,700 h**	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--
MW-2	SCI	F	5/24/1996	5.91	--	<50	**2,800 yh**	**1,200 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-2	SCI	F	9/5/1996	6.34	--	**58z**	**2,900**	**760 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-2	SCI	F	12/4/1996	6.02	--	<50	**1,600 y**	**1,000 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-2	SCI	F	9/23/1998	5.29	--	--	**80 yl**	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	SCI	F	12/3/1999	5.27	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	SCI	F	10/13/2000	5.04	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	SCI	F	12/3/2001	5.15*	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
MW-2	SCI	F	1/21/2003	5.10	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	Fugro	F	10/4/2004	5.35	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-2	Fugro	F	10/7/2005	2.75	--	--	**58**	<500	--	--	--	--	--	--	--	--	--	--	--
MW-2	Fugro	F	11/6/2006	5.35	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-3	Uribe	F	4/4/1994	5.95	--	<50	**690**	--	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
MW-3	Uribe	F	10/4/1994	4.74	--	--	**480 y**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-3	Clayton	F	4/10/1995	2.54	--	<50	**830**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-3	Clayton	F	7/24/1995	6.56	--	<50	**460**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-3	Clayton	F	11/10/1995	5.07	--	<50	**2,100**	--	<0.4	<0.3	**0.7**	<0.4	--	--	--	--	--	--	--
MW-3	Clayton/SCI	F	2/20/1996	6.04	--	<50	**620 h**	--	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--
MW-3	SCI	F	5/24/1996	5.69	--	<50	**1,100 yh**	**550 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-3	SCI	F	9/18/1996	3.76	--	<50	**1,500**	**890 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-3	SCI	F	12/13/1996	5.34	--	<50	**580**	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-3	SCI	F	9/29/1998	5.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	SCI	F	12/3/1999	5.44	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-3	SCI	F	10/6/2000	5.77	--	--	<50	<300	--	--	--	--	<0.5	--	--	--	--	--	--
MW-3	SCI	F	12/10/2001	2.31	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-3	SCI	F	1/23/2003	5.16	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-3	Fugro	F	11/3/2004	5.85	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
MW-3	Fugro	F	10/7/2005	-2.73	--	--	<50	<500	--	--	--	--	--	--	--	--	--	--	--
MW-3	Fugro	F	11/6/2006	6.41	--	--	<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)	7.88	--	<50	32,000	--	**71**	**20**	**41**	**150**	--	--	--	--	--	--	--
MW-4	Uribe	F	4/4/94 (b)	7.78	--	**6,200**	**410,000**	--	**140**	**47**	**20**	**310**	--	--	--	--	--	--	--
MW-4	Clayton	F	4/10/1995	8.18	FREE PRODUCT -- NOT SAMPLED														

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
MW-4	Clayton	F	7/24/1995	8.33 (b)	--	**2,400**	**21,000**	--	**140**	**34**	**74**	**40**	--	--	--	--	--	--	--
MW-4	SCI	F	5/24/1996	9.02 (b)	--	**690 y**	**37,000**	**2,800 yl**	**44**	**18**	<2.5	**7.7**	--	--	--	--	--	--	--
MW-4	SCI	F	9/4/1996	7.33 (b)	--	**1,000 h**	**240,000**	**26,000 yl**	**100**	**5.2**	<0.5	**7.2**	--	--	--	--	--	--	--
MW-4	SCI	F	12/3/1996	8.76 (b)	--	**1,500 yh**	**13,000**	**2,000 yl**	**120**	**33**	**0.9**	**22**	--	--	--	--	--	--	--
MW-4	SCI	F	12/30/1996	9.04	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	1/16/1997	8.76	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	5/5/1997	8.06	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	9/17/1998	7.53	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	8/25/1999	7.33	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	12/3/1999	6.81	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	4/4/2000	NM	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	10/3/2000	NR	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	5/2/2000	8.13	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	7/31/2002	9.13	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	1/23/2003	6.98*	FREE PRODUCT -- NOT SAMPLED														
MW-4	SCI	F	10/1/2004	6.85	FREE PRODUCT -- NOT SAMPLED														
MW-4 FP	Fugro	F	10/4/2004	6.32	--	--	**fingerprint matches diesel**		<500	<500	<500	**5,660**	<2,000	--	--	--	--	--	--
MW-4 Free Product	Fugro	F	10/5/2005	6.84	--	<1300 **	**960000 B,D**	<29,000	<100,000	<100,000	<100,000	<200,000	<100,000	--	--	--	--	--	--
MW-4	Fugro	F	11/2/2006	6.77	FREE PRODUCT -- NOT SAMPLED														
MW-5	Clayton	F	4/10/1995	7.20	--	**1,100**	**6,200**	--	**3.1**	**2.9**	**<0.3**	**11.3**	--	--	--	--	--	--	--
MW-5	Clayton	F	7/24/1995	6.60	--	**720**	**4,800**	--	**3.1**	**0.6**	**0.5**	**0.7**	--	--	--	--	--	--	--
MW-5	Clayton	F	11/10/1995	6.46	--	**260**	**3,700**	--	**0.8**	**0.6**	**0.5**	**1.9**	--	--	--	--	--	--	--
MW-5	Clayton/SCI	F	2/20/1996	9.15	--	**150 y**	**440 h**	--	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--
MW-5	SCI	F	5/24/1996	9.17	--	**82 y**	**4,600 yh**	**1,900 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F	9/4/1996	6.40	--	<50	**7,700 yh**	**1,900 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
MW-5	SCI	F	12/3/1996	7.20	--	**140 yh**	**13,000**	**1,900 yl**	**1.5**	<0.5	<0.5	**2.6**	--	--	--	--	--	--	--
MW-5	SCI	F	1/20/1997	8.38	--	<50	**9,400**	**1,500 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F/H	5/6/1997	6.45	<5,000	<50	**8,800**	**2,500 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F/H	9/23/1998	6.40	--	<50	**170 l**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F/H	5/7/1999	6.59	--	<50	**660**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F/H	12/3/1999	6.53	--	--	**490 yh**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-5	SCI	F/H	10/6/2000	6.56	--	<50	**600**	<300	<0.5	<0.5	<0.5	<0.5	**1.3**	--	--	--	--	--	--
MW-5	SCI	F/H	5/5/2001	6.74	--	**91 yh**	**2,400**	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-5	SCI	F/H	12/10/2001	6.45	--	<50	**420 yh**	<300	<0.5	<0.5	<0.5	<0.5	**0.8**	--	--	--	--	--	--
MW-5	SCI	F/H	7/31/2002	6.26	--	--	**510 yh**	<300	<0.5	<0.5	<0.5	<0.5	**0.5**	--	--	--	--	--	--
MW-5	SCI	F/H	1/24/2003	6.92	--	--	**3,900**	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-5	Fugro	F/H	10/1/2004	6.37	--	--	**96 y**	<300	--	--	--	--	--	--	--	--	--	--	--
MW-5	Fugro	F/H	10/5/2005	6.32	--	--	**510**	<500	--	--	--	--	--	--	--	--	--	--	--
MW-5	Fugro	F/H	11/1/2006	6.31	--	--	**150 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	7/24/1995	6.67	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	5/24/1996	7.71 (b)	--	**280,000 yh**	**240,000**	**5,500 yl**	<250	<250	<250	<250	--	--	--	--	--	--	--
MW-6	SCI	F	9/5/1996	6.67 (b)	**89,000**	**200h**	**50,000**	**3,200 yl**	**5.3**	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
MW-6	SCI	F	12/4/1996	7.90 (b)	--	**4,700 yh**	**140,000**	**7,300 yl**	**19**	<10	**11**	<10	--	--	--	--	--	--	--
MW-6	SCI	F	1/16/1997	7.63	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F/H	5/6/1997	7.04 (b)	**330,000**	**440 yh**	**620,000**	**24,000 yl**	**2.4**	<0.5	**0.51**	**0.61**	--	--	--	--	--	--	--
MW-6	SCI	F	9/25/1997	7.97	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	5/4/1999	7.21	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	12/3/1999	6.98	FREE PRODUCT -- NOT SAMPLED														
MW-6	SCI	F	10/4/2000	6.25	FREE PRODUCT -- NOT SAMPLED														

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-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	Fugro	F	10/1/2004		FREE PRODUCT -- NOT SAMPLED														
MW-6 FP	Fugro	F	9/30/2004	3.92	--	--	**fingerprint matches diesel**		<1,300	<1,300	<1,300	<1,300	<5,000	--	--	--	--	--	--
MW-6	Fugro	F	11/2/2006	7.12	FREE PRODUCT -- NOT SAMPLED														
MW-7	Clayton	M	4/10/1995	5.72	--	<50	**370**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-7	Clayton	M	7/24/1995	6.41	--	<50	**260**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-7	Clayton	M	11/10/1995	5.35	--	<50	**270**	--	<0.4	<0.3	<0.3	<0.4	--	--	--	--	--	--	--
MW-7	Clayton/SCI	M	2/20/1996	6.00	--	<50	**6,100**	--	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--
MW-7	SCI	M	5/24/1996	5.44	--	<50	**750 yh**	**750 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-7	SCI	M	9/5/1996	5.48	<5,000	<50	**480 yh**	**310 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
MW-7	SCI	M	12/4/1996	5.25	--	<50	**340 y**	<240	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
MW-7	SCI	M	1/17/1997	6.48	--	<50	**200**	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	5/24/1996	5.09	<5,000	<50	**560 yh**	280y	<5.0	<5.0	<5.0	<5.0	--	<0.09	<0.09	<0.09	ND	<0.5	ND
SCIMW-1	SCI	E/H	9/6/1996	4.39	<5,000	<50	**870 yh**	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-1	SCI	E/H	1/22/1997	5.29	--	<50	**520 yh**	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	9/22/1998	5.02	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	12/2/1999	4.56	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	10/6/2000	4.75	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	12/3/2001	5.38	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-1	SCI	E/H	1/21/2003	5.73	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	5/23/1996	4.04	**5,600**	--	**2,600 l**	**360 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-2	SCI	N	9/4/1996	3.38	**8,000**	<50	**5,100**	**770 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-2	SCI	N	1/17/1997	3.82	--	**95y**	**13,000 l**	**2,400 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-2	SCI	N	9/18/1998	4.07	--	--	**31,000 h**	**5,400 yl**	--	--	--	--	--	--	--	--	--	--	--

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-2	SCI	N	12/28/1998	3.52	--	--	**5,400h**	**930 yl**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	5/7/1999	4.52	--	--	**10,000**	**1,600 yl**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	8/26/1999	3.00	--	--	**13,000**	**1,600**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	12/2/1999	3.85	--	--	**7,400 h**	**860 yl**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	4/6/2000	2.83	--	--	**220**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	10/10/2000	4.75	--	--	**1,100 hy**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	5/3/2001	3.11	--	--	**3,000**	**730 yl**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	11/30/2001	6.23	--	--	**1,900 hy**	**360 yl**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	7/31/2002	2.92	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	SCI	N	1/21/2003	5.79	--	--	**120 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	Fugro	N	10/4/2004	3.24	--	--	**350 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	Fugro	N	10/6/2005	4.29	--	--	**6,700**	**1,100**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-2	Fugro	N	11/2/2006	5.22	--	--	**1,400 h**	<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
SCIMW-3	SCI	I/J	9/5/1996	6.67	<5,000	<50	**8,800 yh**	**4,400 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-3	SCI	I/J	1/20/1997	6.46	--	<50	**7,500 yh**	**5,200 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-3	SCI	I/J	9/18/1998	4.29	--	--	**75 yh**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	SCI	I/J	11/30/1999	6.17	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	SCI	I/J	10/10/2000	6.49	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	SCI	I/J	11/28/2001	5.87	--	--	**120 yh**	**500**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	SCI	I/J	1/21/2003	7.73	--	--	**1,700 yh**	**7,300**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	Fugro	I/J	10/4/2004	6.32	--	--	**1,700 yh**	**7,400**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	Fugro	I/J	10/5/2005	6.50	--	--	**610**	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-3	Fugro	I/J	11/1/2006	6.26	--	--	**110 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-4	SCI	L	8/26/1996	5.50	<5,000	<50	**630 yh**	**670 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND

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-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	9/3/1996	4.63	<5,000	<50	<50	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-5	SCI	M	1/20/1997	6.12	--	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-5	SCI	M	9/23/1998	5.78	--	--	**70 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-5	SCI	M	12/17/1998	5.64	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-5	SCI	M	5/10/1999	5.26	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-5	SCI	M	12/2/1999	5.74	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-5	SCI	M	5/31/2001	**Well Destroyed**															
SCIMW-6	SCI	C	8/28/1996	4.69	<5,000	<50	**150 yh**	**260 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-6	SCI	C	1/22/1997	4.68	--	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	--	<0.09	<0.09	<0.09	ND	<0.5	ND
SCIMW-6	SCI	C	9/23/1998	4.38	--	--	<50	<300	--	--	--	--	--	<0.09	<0.09	<0.09	ND	<0.5	ND
SCIMW-6	SCI	C	12/10/98 (a)	3.91	--	--	<47	<280	--	--	--	--	--	<0.1	<0.1	<0.1	ND	<0.5	ND
SCIMW-6	SCI	C	5/6/1999	4.39	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-6	SCI	C	12/2/1999	4.00	--	--	<50	<300	--	--	--	--	--	<0.1	<0.1	<0.5	ND	<0.5	ND
SCIMW-7	SCI	P/Q	9/6/1996	3.31+	<5,000	**540**	**6,100 y**	**1,900 yl**	**5,300**	<1,300	<1,300	<1,300	--	--	--	--	--	<1.0	ND
SCIMW-7	SCI	P/Q	1/20/1997	7.32	--	**6,900 z**	**11,000 y**	**7,500 yl**	**8,600**	<25	**7,200**	**103**	--	--	--	--	--	--	--
SCIMW-7	SCI	P/Q	10/20/1997	6.96	<5,000	**9,100 yl**	**6,100 yh**	**2,500 yl**	**5,100**	**15**	**3,800**	**134**	--	**0.78**	**0.32**	<0.094	**	<0.47	ND
SCIMW-7	SCI	P/Q	9/22/1998	5.74	--	--	<50	<300	**1,100**	<250	**480**	<250	--	<0.1	<0.1	<0.1	ND	<0.5	ND
SCIMW-7	SCI	P/Q	5/6/1999	7.40	--	--	--	--	--	--	--	--	--	<1.0	<1.0	<1.0	ND	<4.8	ND
SCIMW-7	SCI	P/Q	12/2/1999	5.56	--	--	<50	<300	**690**	<5.0	**280**	**7.3**	--	<9.4	<9.4	<9.4	ND	<47	ND
SCIMW-7	SCI	P/Q	10/5/2000	8.25	--	--	<50	<300	**850**	<2.5	**370**	**14.4**	<2.5	<0.1	<0.1	<0.1	ND	<0.5	ND
SCIMW-7	SCI	P/Q	5/3/2001	7.56	--	--	--	--	**6,000**	<420	**7,800**	<420	<420	<1.0	<1.0	<1.0	ND	<5.0	ND
SCIMW-7	SCI	P/Q	11/30/2001	7.28	--	--	**1,900 ly**	<300	**4,500**	<3,100	**6,100**	<3,100	<3,100	<0.096	<0.096	<0.096	ND	<5.0	ND

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-7	SCI	P/Q	7/30/2002	6.49	--	--	--	--	**750**	<31	**200**	<31	--	**0.099**	<0.096	<0.096	ND	<5.0	ND
SCIMW-7	SCI	P/Q	1/21/2003	7.47	--	--	<50	<300	**490**	<10	<10	<10	<10	**0.21**	<0.094	<0.094	ND	<5.0	ND
SCIMW-7	Fugro	P/Q	10/6/2004	6.57	--	**3,400**	<50	<300	**1,400**	**6.6**	**330**	**41**	<360	**1.0**	<0.1	<0.1	**0.3 endo**	--	--
SCIMW-7 Dup	Fugro	P/Q	10/6/2004	6.57	--	**--**	--	--	**1,400**	<360	<360	<360	<360	--	--	--	--	--	--
SCIMW-7	Fugro	P/Q	1/10/2005	8.35	--	**160**	<50	<300	**72**	**1.2**	**15**	**8.2**	<20	**0.6**	<0.1	<0.1	ND	--	--
SCIMW-7	Fugro	P/Q	4/12/2005	7.57	--	**7,800**	**260 ly**	<300	**1,800**	<170	**1,200**	<170	<170	**1.0 #**	<0.5	<0.5 #	ND	--	--
SCIMW-7	Fugro	P/Q	7/20/2005	7.58	--	**630**	<40	<240	**180**	<17	**160**	<34	<17	**3.1**	**0.2**	<0.1	ND	--	--
SCIMW-7	Fugro	P/Q	10/6/2005	7.12	--	**28,000**	**580**	<500	**2,400**	<200	**1,200**	<400	<2000	**1.1**	<0.082	<0.082	ND	--	--
SCIMW-7	Fugro	P/Q	1/11/2006	7.55	--	**3,900**	**180 y**	<300	**1,600**	<42	**750**	**127**	<42	**1.6**	<0.5	<0.5	ND	--	--
SCIMW-7	Fugro	P/Q	4/25/2006	7.57	--	**5,700**	**210 ly**	<300	**2,000**	<250	**1,700**	<500	<250	**1.3**	<0.9	<0.9	ND	--	--
SCIMW-7	Fugro	P/Q	7/27/2006	7.26	--	**7,400 yz**	**750 ly**	<300	**2,300**	<63	**920**	<126	<63	**0.9 c**	<0.09	<0.09	ND[1]	--	--
SCIMW-7	Fugro	P/Q	11/1/2006	6.40	--	**12,000**	**180 y**	<300	**2,900**	<63	**1,900**	**210**	<63	<1.9	<1.9	<1.9	ND	--	--
SCIMW-7 dup	Fugro	P/Q	11/1/2006	6.40	--	**--**	**--**	--	**2,800**	<63	**1,500**	**172**	<63	**--**	--	--	--	--	--
SCIMW-7	Fugro	P/Q	1/10/2007	7.36	--	**3,800 z**	**290 ly**	<300	**2,100**	<100	**1,300**	**150**	<100	**3.3 c**	**0.3**	<0.2	ND[2]	--	--
SCIMW-7	Fugro	P/Q	4/18/2007	7.56	**--**	**6,400 z**	**380 ly**	<300	**2,000**	<130	**960**	<260	<130	**2.7**	<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	7.36	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	SCI	I	10/10/2000	7.50	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	SCI	I	11/28/2001	7.51	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	SCI	I	1/21/2003	7.63	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	Fugro	I	9/30/2004	7.29	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	Fugro	I	10/5/2005	7.12	--	--	<50	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-8	Fugro	I	11/1/2006	7.31	--	--	<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-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	Fugro	I	9/30/2004	6.16	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-9	Fugro	I	10/5/2005	6.54	--	--	**87**	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-9	Fugro	I	11/2/2006	6.56	--	--	<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	5.98	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-10	SCI	J	10/10/2000	6.57	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-10	SCI	J	12/3/2001	5.85	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-10	SCI	J	1/21/2003	5.89	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-11	SCI	N	8/28/1996	3.83	<5,000	<50	**400 yhl**	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-11	SCI	N	1/17/1997	4.32	--	<50	**180**	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	9/23/1998	4.72	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	12/10/1998	3.32	--	**51**	<59	<350	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	5/6/1999	3.48	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-11	SCI	N	12/1/1999	4.07	--	**110**	<50	<300	**0.86**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	10/4/2000	4.00	--	**69**	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	5/3/2001	2.54	--	**140**	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--

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	11/28/2001	5.94	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	7/30/2002	2.64	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	SCI	N	1/21/2003	3.59	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	Fugro	N	10/1/2004	2.79	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-11	Fugro	N	10/5/2005	4.22	--	<50	<50	<500	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--
SCIMW-11	Fugro	N	11/6/2006	4.43	--	<50	<50	<300	<0.5	<0.5	<0.5	<1.0	<2.0	--	--	--	--	--	--
SCIMW-12	SCI	O	8/29/1996	4.09	<5,000	<50	<50	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-12	SCI	O	1/17/1997	4.53	--	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-12	SCI	O	9/18/1998	4.14	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-12	SCI	O	12/11/1998	3.73	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-12	SCI	O	5/6/1999	3.75	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-12	SCI	O	11/30/1999	4.03	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	SCI	J	1/23/1997	6.93	--	<50	**3,400 yh**	**3,900**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-13	SCI	J	9/18/1998	7.42	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	SCI	J	12/1/1999	6.73	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	SCI	J	10/5/2000	7.04	--	--	**400 h**	**1,500**	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	SCI	J	11/28/2001	6.77	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	SCI	J	1/21/2003	7.00	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	Fugro	J	9/30/2004	6.87	--	--	**80**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	Fugro	J	10/5/2005	7.09	--	--	**150**	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-13	Fugro	J	11/1/2006	7.22	--	--	**51 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-14	SCI	I/J	8/29/1996	5.36	**6,000**	<50	**2,200 yh**	**1,400 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-14	SCI	I/J	1/21/1997	5.64	--	<50	**570 yh**	**420 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-14	SCI	I/J	9/18/1998	5.48	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-14	SCI	I/J	5/4/1999	6.00	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--

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-14	SCI	I/J	11/30/1999	5.30	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-14	SCI	I/J	5/31/2001	**Well Destroyed**															
SCIMW-15	SCI	I/J	8/29/1996	4.85	<5,000	<50	**2,100 yh**	**1,600 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-15	SCI	I/J	1/17/1997	5.01	--	<50	**2,500 h**	**1,600 yl**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	9/21/1998	5.17	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	5/4/1999	5.15	--	--	**75 ylh**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	11/30/1999	4.71	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	10/11/2000	4.97	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	5/3/2001	5.05	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	12/3/2001	8.60	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	7/31/2002	5.07*	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	SCI	I/J	1/22/2003	5.12	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	Fugro	I/J	10/1/2004	4.97	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	Fugro	I/J	10/6/2005	8.56	--	--	**94**	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-15	Fugro	I/J	11/2/2006	4.96	--	--	**57 y**	<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	--	--	--	--	--	--	--	--	--	--	--

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-17	SCI	R	12/1/1999	6.65	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-17	SCI	R	5/30/2001	**Well Destroyed**															
SCIMW-18	SCI	L	9/6/1996	5.22+	<5,000	<50	**2,200 yh**	**1,600 yl**	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-18	SCI	L	1/20/1997	6.98	--	<50	**1,900 yh**	**1,900 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-18	SCI	L	9/24/1998	7.23	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-18	SCI	L	12/1/1999	6.67	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-18	SCI	L	10/11/2000	7.11	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-18	SCI	L	12/3/2001	4.76	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-18	SCI	L	1/21/2003	6.86	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-19	SCI	R	8/30/1996	6.16	<5,000	<50	**180**	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-19	SCI	R	1/21/1997	7.42	--	<50	**150 yh**	<250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-19	SCI	R	9/18/1998	6.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-19	SCI	R	12/2/1999	6.46	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-20	SCI	H/Q	9/3/1996	7.03	<5,000	<50	**330 y**	<250	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	<1.0	ND
SCIMW-20	SCI	H/Q	1/20/1997	7.67	--	<50	**340 yh**	**290 y**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-20	SCI	H/Q	9/22/1998	6.79	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-20	SCI	H/Q	12/2/1999	3.40	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-20	SCI	H/Q	5/30/2001	**Well Destroyed**															
SCIMW-21	SCI	D	5/6/1997	7.44	<5,000	<50	**670 h**	**860 yhl**	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-21	SCI	D	9/23/1998	7.54	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-21	SCI	D	12/3/1999	8.98	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-21	SCI	D	10/6/2000	7.75	--	--	<50	<300	--	--	--	--	<0.5	--	--	--	--	--	--
SCIMW-21	SCI	D	11/30/2001	6.89	--	--	<50	<300	--	--	--	--	<0.5	--	--	--	--	--	--
SCIMW-21	SCI	D	1/21/2003	6.83	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--

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-22	SCI	P	5/6/1997	8.22	<5,000	<50	**1,400 yh**	**2,300 hl**	<0.5	<0.5	<0.5	<0.5	--	**0.12**	<0.094	<0.094	ND	<0.47	ND
SCIMW-22	SCI	P	10/20/1997	7.61	<5,000	<50	**1,500 yh**	**2,700 yhl**	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-22	SCI	P	9/22/1998	7.24	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-22	SCI	P	5/5/1999	7.66	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	SCI	P	12/2/1999	6.81	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-22	SCI	P	10/10/2000	5.36	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	SCI	P	11/30/2001	7.35	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	Fugro	P	1/21/2003	7.32	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	Fugro	P	9/30/2004	6.08	--	--	--	--	<5.0	<5.0	<5.0	<10	<5.0	--	--	--	--	--	--
SCIMW-22	Fugro	P	10/6/2005	6.24	--	--	--	--	<2.5	<2.5	<2.5	<5.0	<2.5	--	--	--	--	--	--
SCIMW-22	Fugro	P	11/2/2006	6.30	--	--	--	--	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--
SCIMW-23	SCI	B	5/6/1997	5.55	**10,000**	--	**1,400**	**1,200 yl**	--	--	--	--	--	<0.094	<0.094	<0.094	***	<0.47	ND
SCIMW-23	SCI	B	9/24/1998	5.46	--	--	**680 y**	<300	--	--	--	--	--	<0.09	<0.09	<0.09	ND	<0.5	ND
SCIMW-23	SCI	B	12/11/1998	6.39	--	--	**260 yh**	<300	--	--	--	--	--	<0.1	<0.1	<0.1	ND	<0.5	ND
SCIMW-23	SCI	B	5/7/1999	6.09	--	--	**660 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	8/26/1999	4.35	--	--	**120 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	12/3/1999	5.56	--	--	**74 yh**	<300	--	--	--	--	--	<0.1	<0.1	<0.1	ND	<0.5	ND
SCIMW-23	SCI	B	4/6/2000	2.79	--	--	**250**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	10/10/2000	5.19	--	--	**60 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	5/3/2001	5.94	--	--	**53 y**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	11/30/2001	6.16	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-24	SCI	N	5/6/1997	4.44	<5,000	**5,000**	**2,700 l**	**2,100 l**	**720**	**220**	**37**	**120**	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-24	SCI	N	9/18/1998	4.96	--	**7,100**	**330 yl**	<300	**950**	**99**	**53**	**98**	--	--	--	--	--	--	--
SCIMW-24	SCI	N	12/11/1998	5.79	--	**8,300**	**800 yl**	<300	**1,200**	**180**	**56**	**111**	--	--	--	--	--	--	--
SCIMW-24	SCI	N	5/6/1999	5.14	--	**6,700**	**1,900 yl**	**660 yl**	**1,100**	**120**	**31**	**89**	--	--	--	--	--	--	--
SCIMW-24	SCI	N	8/25/1999	4.59	FREE PRODUCT -- NOT SAMPLED														
SCIMW-24	SCI	N	12/1/1999	4.99	--	**7,000**	**960 yl**	<300	**860**	**25**	**35**	**53.6**	--	--	--	--	--	--	--
SCIMW-24	SCI	N	4/6/2000	5.05	--	**4,500**	**2,600 yl**	**2,100**	**1,700**	**87**	**41**	**81**	--	--	--	--	--	--	--
SCIMW-24	SCI	N	10/10/2000	4.95	--	**5,400**	**1,200 ly**	<300	**1,600**	**36**	**59**	**69**	--	--	--	--	--	--	--
SCIMW-24	SCI	N	5/4/2001	4.94	--	**7,100**	**5,300 hly**	**3,600**	**2,700**	**160**	**64**	**100**	--	--	--	--	--	--	--
SCIMW-24	SCI	N	11/28/2001	5.37	--	**8,900**	**5,800 hly**	**5,000**	**1,000**	**51**	**44**	**57**	--	--	--	--	--	--	--
SCIMW-24	SCI	N	7/30/2002	5.17	--	**25,000**	**2,300 hly**	**1,700**	**1,600**	**160**	<2.5	**66**	--	--	--	--	--	--	--
SCIMW-24	SCI	N	1/21/2003	5.74	--	**23,000**	**8,900 hly**	**11,000**	**2,200**	**170**	**55**	**107**	--	--	--	--	--	--	--
SCIMW-24	SCI	N	9/30/2004	5.11	--	**8,200**	**400 hy**	**950 l**	**1,600**	**37**	**49**	**52**	--	--	--	--	--	--	--
SCIMW-24	Fugro	N	4/12/2004	5.73	--	**14,000 z**	**4,600 hly**	**2,100 l**	**3,000**	**81**	**64**	**73.3**	<0.5	--	--	--	--	--	--
SCIMW-24	Fugro	N	10/6/2005	4.96	--	**18,000**	**3,600**	**3,200**	**1,600**	<20	**30**	**59**	<200	--	--	--	--	--	--
SCIMW-24	Fugro	N	4/25/2006	5.96	--	**6,700**	**8,400 ly**	**5000 l**	**2,500**	<50	**110**	**54**	<5.0	--	--	--	--	--	--
SCIMW-24	Fugro	N	11/2/2006	5.14	--	**39,000**	**11,000 hly**	**6,900 hl**	**1,700**	**6.5 c**	**53 c**	**60**	<5.0	--	--	--	--	--	--
SCIMW-24	Fugro	N	4/18/2007	5.17	--	**9,100 y**	**8,200 hly**	**6,300 l**	**1,200**	**22**	**40**	**58 c**	<20	--	--	--	--	--	--
SCIMW-25	SCI	H	5/7/1997	7.30	<5,000	<50	**100**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-25	SCI	H	5/30/2001	**Well Destroyed**															
SCIMW-26	SCI	H	5/6/1997	8.15	<5,000	<50	**140**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-26	SCI	H	9/22/1998	7.41	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-26	SCI	H	12/2/1999	7.92	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-26	SCI	H	10/6/2000	7.92	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--

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-26	SCI	H	1/21/2003	8.63	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-26	Fugro	H	1/21/2003	8.63	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-26	Fugro	H	10/6/2005	7.44	--	<50	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-26	Fugro	H	1/10/2006	7.80	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-26	Fugro	H	11/2/2006	7.50	--	<50	<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	6.52	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	SCI	Q	5/7/1997	8.34	<5,000	<50	**180**	<300	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-28	SCI	Q	9/25/1998	7.83	--	--	<47	<280	--	--	--	--	--	--	--	--	--	<0.47	ND
SCIMW-28	SCI	Q	12/2/1999	8.26	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	SCI	Q	10/6/2000	7.79	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	SCI	Q	11/30/2001	8.19		--	**95 hy**	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	SCI	Q	1/21/2003	8.70	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	Fugro	Q	10/6/2004	7.81	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-28	Fugro	Q	10/7/2005	3.32	--	--	**350**	<500	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	--	--
SCIMW-28	Fugro	Q	11/6/2006	7.72	--	--	**97 hy**	<300	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--
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		--	--	--	--	--	--
SCIMW-29	Fugro	H	1/21/2003	7.71	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-29	Fugro	H	10/6/2005	7.48	--	--	<50	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-29	Fugro	H	11/2/2006	7.53	--	--	<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	7.53	<5,000	<50	**530 yh**	**830 yhl**	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-30	SCI	P	9/23/1998	7.63	--	--	**60 y**	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-30	SCI	P	5/5/1999	7.89	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-30	SCI	P	12/2/1999	7.94	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-30	SCI	P	10/6/2000	7.26	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-30	SCI	P	11/30/2001	7.60	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-30	Fugro	P	1/21/2003	8.09	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--
SCIMW-30	Fugro	P	9/30/2004	7.45	--	--	--	--	<5.0	<5.0	<5.0	<10	<5.0	--	--	--	--	--	--
SCIMW-30	Fugro	P	10/6/2005	7.47	--	--	--	--	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	--	--
SCIMW-30	Fugro	P	11/6/2006	7.42	--	--	--	--	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--
SCIMW-31D	SCI	P	10/20/1997	4.23	<5,000	<50	**170 y**	<300	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-31D	SCI	P	9/21/1998	4.34	--	--	--	--	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-31D	SCI	P	10/4/2000	4.32	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-31D	SCI	P	5/3/2001	4.02	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-31D	Fugro	P	1/21/2003	4.83	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--
SCIMW-31D	Fugro	P	9/30/2004	5.37	--	--	--	--	<5.0	<5.0	<5.0	<10	<5.0	--	--	--	--	--	--
SCIMW-31D	Fugro	P	10/6/2005	5.36	--	--	--	--	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--
SCIMW-31D	Fugro	P	11/2/2006	5.53	--	--	--	--	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--
SCIMW-32	SCI	I/P	10/20/1997	7.73	<5,000	<50	**1,000 yh**	**990 yl**	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-32	SCI	I/P	9/21/1998	7.71	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-32	Fugro	I/P	12/2/1999	8.04	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--

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-32	Fugro	I/P	9/30/2004	7.79	--	--	--	--	<5.0	<5.0	<5.0	<10	<5.0	--	--	--	--	--	--
SCIMW-32	Fugro	I/P	10/6/2005	7.79	--	--	--	--	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--
SCIMW-32	Fugro	I/P	11/2/2006	7.79	--	--	--	--	<0.5	<0.5	<0.5	<1.0	<0.5	--	--	--	--	--	--
SCIMW-33	SCI	I/J	10/20/1997	6.89	<5,000	**780**	**5,700 yh**	**1,600 yhl**	**3.2**	**12**	<0.5	**30.7**	--	**1.8**	**0.3**	**0.11**	ND	<0.47	ND
SCIMW-33	SCI	I/J	9/21/1998	7.15	--	--	**210 yl**	<300	<10	<10	<10	<10	--	**2.0**	**0.2**	<0.09	ND	<0.5	ND
SCIMW-33	SCI	I/J	5/5/1999	7.47	--	--	**1,100 h**	<300	<10	<10	<10	<10	--	**18.0**	**7.8**	<4.9	ND	<24	ND
SCIMW-33	SCI	I/J	12/1/1999	6.75	--	<50	**87**	<300	--	--	--	--	--	**1.7**	<1.0	<1.0	ND	<5.1	ND
SCIMW-33	SCI	I/J	10/4/2000	7.12	--	--	<50	<300	**2.5**	**0.68**	**0.74**	**13**	<0.5	<0.10	<0.10	<0.10	ND	<0.5	ND
SCIMW-33	SCI	I/J	5/4/2001	7.17	--	--	--	--	**1.9**	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--
SCIMW-33	SCI	I/J	11/28/2001	7.08	--	--	**120**	<300	<0.5	<0.5	<0.5	**9.9**	<0.5	**1.3**	<0.5	<0.5	ND	--	--
SCIMW-33	SCI	I/J	1/21/2003	7.41	--	--	68	<300	<5.0	<5.0	<5.0	**15**	<5.0	**0.96**	**1.5**	<0.094	ND	--	ND
SCIMW-33	SCI	I/J	9/30/2004	6.95	--	--	**260**	<300	<13	<13	<13	**22**	<13	**1.5**	<0.1	<0.1	ND	--	--
SCIMW-33	SCI	I/J	10/6/2005	6.91	--	--	**510**	<500	<2.5	<2.5	<2.5	<5.0	<25	**1.3**	**0.67**	<0.061	ND	--	--
SCIMW-33	SCI	I/J	11/2/2006	6.95	--	--	**280 y**	<300	--	--	--	--	--	**1.5 c#**	**1.9**	<0.09	ND	--	--
SCIMW-34	SCI	R	10/20/1997	4.88	<5,000	<50	**5,200 yh**	**3,600 yhl**	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-34	SCI	R	9/24/1998	4.87	--	**92**	**61 y**	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-34	SCI	R	12/11/1998	4.91	--	**290**	**60 ylh**	<300	**150**	**28**	**1.0**	**6.5**	--	--	--	--	--	--	--
SCIMW-34	SCI	R	5/5/1999	4.49	--	**91**	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-34	SCI	R	8/26/1999	6.86	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--

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-34	SCI	R	12/2/1999	4.70	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-34	SCI	R	4/6/2000	5.50	--	**57**	<50	<300	**8.6**	**0.84**	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-34	SCI	R	10/6/2000	5.94	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-34	SCI	R	5/4/2001	4.46	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-34	SCI	R	11/30/2001	4.78	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-34	SCI	R	7/31/2002	4.69*	--	<50	<50	<300	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--
SCIMW-34	SCI	R	1/21/2003	5.09	--	<50	<50	<300	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--
SCIMW-34	Fugro	R	9/30/2004	4.88	--	<50	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-34	Fugro	R	10/6/2005	4.65	--	<50	**120**	<500	--	--	--	--	--	--	--	--	--	--	--
SCIMW-34	Fugro	R	11/2/2006	4.74	--	<50	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-35	SCI	R	10/20/1997	4.87	<5,000	<50	**99 yh**	<300	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-35	SCI	R	9/23/1998	4.74	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-35	SCI	R	12/11/1998	5.15	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-35	SCI	R	5/4/1999	4.50	--	--		<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-35	SCI	R	12/2/1999	4.63	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-35	SCI	R	10/10/2000	5.53	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-35	SCI	R	11/30/2001	4.81	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-35	SCI	R	1/21/2003	5.08	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-35	Fugro	R	9/30/2004	4.84	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
SCIMW-35	Fugro	R	10/6/2005	4.60	--	<50	<50	<500	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--
SCIMW-35	Fugro	R	11/2/2006	4.84	--	<50	<50	<300	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--
XA Dup of SCIMW-16	SCI	R	8/30/1996	6.81	--	--	--	--	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
XB Dup of SCIMW-3	SCI	I/J	9/5/1996	6.67	--	--	--	--	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--

Notes:

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

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

= CCV drift outside limits, average CCV drift within limits per method requirements
+ = Groundwater level may not be stabilized
Groundwater measurements presented are those collected on the first day of sampling for the event and may not be the same as the date sampled.
* = Well was inaccessible on the first day of sampling, the groundwater elevation presented was obtained on the day that the well was actually sampled and is not shown on Table 2.
c = presence confirmed, but RPD between columns exceeds 40%
** = LCS, LCSD, MS, MSD, MD, or surrogate exceeds control limits
[1] = not detected except for 0.9 c beta-BHC, 0.05 ug/l alpha-Chlordane, and 0.9 c ug/l gamma-Chlordane
[2] = not detected except for 0.1 c beta-BHC, and 0.6 Dieldrin

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

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

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

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

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

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

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	(FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-7	Fugro	P/Q	1/11/2006	7.55	<830	<830	<42	<42	**1,900**	**5,800**	<42	**100**	**9,000**	**210**	<830	**1,200**	**61**	**2,400**	ND
SCIMW-7	Fugro	P/Q	4/25/2006	7.57	<5,000	<5,000	<250	<250	**3,000**	**11,000**	<250	<250	**28,000**	**280**	5,000	**3,800**	<250	**3,900**	ND
SCIMW-7	Fugro	P/Q	7/27/2006	7.26	<1,300	<1,300	<63	<63	**2,200**	**4,000**	<63	<63	**7,400**	**220**	<1,300	**610**	<63	**1,800**	ND
SCIMW-7	Fugro	P/Q	11/1/2006	6.40	<1,300	<1,300	<63	<63	**3,800**	**10,000**	<63	**150**	**15,000**	**300**	<1,300	**1,200**	**71**	**3,500**	ND
SCIMW-7dup	Fugro	P/Q	11/1/2006	6.40	<1,300	<1,300	<63	<63	**3,400**	**7,500**	<63	**91**	**12,000**	**250**	<1,300	**810**	**70**	**2,900**	ND
SCIMW-7	Fugro	P/Q	1/10/2007	7.36	<2,000	<2,000	<100	<100	**2,600**	**10,000**	<100	**220**	**14,000**	**290**	<2,000	**1,800**	**180**	**2,500**	ND
SCIMW-7	Fugro	P/Q	4/18/2007	7.56	<2,500	<2,500	<130	<130	**2,500**	**8,300**	<130	**150**	**14,000**	**240**	<2,500	**1,400**	**180**	**2,900**	ND
SCIMW-8	SCI	I	8/26/1996	7.11	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-8	SCI	I	1/21/1997	7.70	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	`	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-9	SCI	I	8/29/1996	6.40	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-9	SCI	I	1/23/1997	6.66	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-10	SCI	J	8/26/1996	7.95	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-10	SCI	J	1/23/1997	7.87	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-11	SCI	N	8/28/1996	3.83	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-11	SCI	N	1/17/1997	4.32	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-12	SCI	O	8/29/1996	4.09	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-12	SCI	O	1/17/1997	4.53	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-13	SCI	J	8/29/1996	7.21	<20	<10	<5.0	<5.0	<10	**6.7**	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-13	SCI	J	1/23/1997	6.93	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND

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

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	(FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-14	SCI	I/J	8/29/1996	5.36	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-14	SCI	I/J	1/21/1997	5.64	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-14	SCI	I/J	5/30/2001	**Well Destroyed**															
SCIMW-15	SCI	I/J	8/29/1996	4.85	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-15	SCI	I/J	1/17/1997	5.01	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-16	SCI	R	8/30/1996	6.81	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
XA Dup of SCIMW-16	SCI	R	8/30/1996	6.81	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-16	SCI	R	1/22/1997	7.03	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-17	SCI	R	8/29/1996	6.55	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-17	SCI	R	1/22/1997	7.67	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-17	SCI	R	5/30/2001	**Well Destroyed**															
SCIMW-18	SCI	L	9/6/1996	5.22+	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-18	SCI	L	1/20/1997	6.98	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-19	SCI	R	8/30/1996	6.16	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-19	SCI	R	1/21/1997	7.42	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-20	SCI	H/Q	9/3/1996	7.03	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-20	SCI	H/Q	1/20/1997	7.67	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-20	SCI	H/Q	5/30/2001	**Well Destroyed**															
SCIMW-22	SCI	P	5/6/1997	8.22	<100	<50	<25	<25	<50	<25	<25	<25	<25	<25	<50	<25	<25	<50	ND
SCIMW-22	SCI	P	10/20/1997	7.61	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND

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

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	(FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-22	SCI	P	9/23/1998	7.24	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-22	SCI	P	5/5/1999	7.66	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-22	SCI	P	12/2/1999	6.81	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-22	Fugro	P	9/30/2004	6.08	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-22	Fugro	P	10/6/2005	6.24	<250	<250	<25	<2.5	<5.0	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<2.5	<2.5	<2.5	ND
SCIMW-22	Fugro	P	11/2/2006	6.30	<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-24	SCI	N	5/6/1997	4.44	<100	<50	<25	<25	<50	<25	<25	<25	<25	<25	<50	<25	<25	<50	ND
SCIMW-25	SCI	H	5/7/1997	7.30	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	**3.5J**	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-25	SCI	H	5/30/2001	**Well Destroyed**															
SCIMW-26	SCI	H	5/6/1997	8.15	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-26	SCI	H	10/6/2000	7.92	<10	<10	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-27	SCI	E/H	5/6/1997	6.45	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-28	Fugro	Q	10/6/2004	7.81	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-28	Fugro	Q	10/7/2005	3.32	<50	<50	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	ND
SCIMW-28	Fugro	Q	11/6/2006	7.72	**11**	<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-29	SCI	H	5/20/1997	7.48	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	10/20/1997	7.53	**27**	**5.7J**	**25**	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	9/23/1998	7.63	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	5/5/1999	7.89	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	12/2/1999	7.94	<20	<10	**16**	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND

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

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	(FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-30	SCI	P	10/6/2000	7.26	<10	<10	**7.4**	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-30	SCI	P	5/4/2001	8.10	<10	<10	**1.0**	<0.5	<1.0	**3.0**	<0.5	<0.5	**1.2**	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-30	SCI	P	11/30/2001	7.60	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	7/30/2002	7.93	<20	<10	**8.1**	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	SCI	P	1/21/2003	8.09	<20	<10	**23.0**	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	0.0	<5.0	<10	ND
SCIMW-30	Fugro	P	9/30/2004	7.45	<20	<10	<5	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-30	Fugro	P	10/6/2005	7.47	<50	<50	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	ND
SCIMW-30	Fugro	P	11/6/2006	7.42	<10	<10	**1.2**	<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	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	Fugro	P	9/30/2004	5.37	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-31D	Fugro	P	10/6/2005	5.36	<50	<50	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	ND
SCIMW-31D	Fugro	P	11/2/2006	5.53	<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

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

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	(FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-32	SCI	I/P	10/20/1997	7.73	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-32	SCI	I/P	9/21/1998	7.71	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-32	SCI	I/P	5/5/1999	8.43	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-32	SCI	I/P	12/1/1999	8.04	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-32	Fugro	I/P	9/30/2004	7.79	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-32	Fugro	I/P	10/6/2005	7.79	<50	<50	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	<0.5	ND
SCIMW-32	Fugro	I/P	11/2/2006	7.79	<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-33	SCI	I/J	10/20/1997	6.89	<50	<25	<13	**310**	<25	<13	<13	<13	<13	<13	<25	<13	<13	<25	ND
SCIMW-33	SCI	I/J	9/21/1998	7.15	<40	<20	<10	**260**	<20	<10	<10	<10	<10	<10	<20	<10	<10	<20	ND
SCIMW-33	SCI	I/J	5/5/1999	7.47	<40	<20	<10	**290**	<20	<10	<10	<10	<10	<10	<20	<10	<10	<20	ND
SCIMW-33	SCI	I/J	12/1/1999	6.75	<20	<10	<5.0	**160**	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-33	SCI	I/J	10/6/2000	7.12	<10	<10	<0.52	**180**	<1.0	<0.50	<0.50	<0.50	**1.1**	<0.50	<10	<0.50	<0.50	<0.50	ND
SCIMW-33	SCI	I/J	5/4/2001	7.17	<20	<20	<1.0	**210**	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	**b**
SCIMW-33	SCI	I/J	11/28/2001	7.08	<10	<10	<0.5	**180**	<1.0	<0.5	<0.5	<0.5	**0.8**	<0.5	<10	<0.5	<0.5	<0.5	**c**
SCIMW-33	SCI	I/J	7/30/2002	7.31	<10	<10	<0.5	**87**	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-33	SCI	I/J	1/21/2003	7.41	<5.0	<10	<0.5	**200**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
DUP OF SCIMW-33	SCI	I/J	1/22/2003	--	<5.0	<5.0	<5.0	**200**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
SCIMW-33	Fugro	I/J	10/6/2004	6.95	<50	<25	<13	**140**	<25	<13	<13	<13	<13	<13	<25	<13	<13	<25	ND
SCIMW-33	Fugro	I/J	10/6/2005	6.91	<250	<250	<25	**160**	<5.0	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<2.5	<2.5	<2.5	ND
SCIMW-33	Fugro	I/J	1/10/2007	7.20	<14	<14	<0.7	**110**	<1.4	<0.7	<0.7	<0.7	<0.7	<0.7	<14	<0.7	<0.7	<0.7	**f**

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

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION Port of Oak. Datum	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	(FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-34	SCI	R	10/20/1997	4.88	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND
SCIMW-34	SCI	R	5/4/2001	4.46	<10	<10	<1.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-34	SCI	R	7/31/2002	4.69*	<10	<10	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-34	SCI	R	1/21/2003	5.09	<10	<10	<5.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	ND
SCIMW-35	SCI	R	10/20/1997	4.87	<20	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<10	ND

* = BTEX and MTBE presented in Table 4
MEK = Methylethylketone
µg/L = micrograms per liter or parts per billion
<10 = Compound not detected at or above stated reporting limit
a = 370 ug/L of cis-1,3-Dichloropropene and 2.9 ug/L of tetrachloroethene detected
b = 2.4 ug/L of Isopropylbenzene, 1.6 ug/L of 1,2,4 - Trimethylbenzene,
2.2 ug/L of 1,4 Dichlorobenzene, 3.1 ug/L of Dichlorobenzene, and 1.4 ug/L of Napthalene
c = 1.6 ug/L of Isopropylbenzene, 1.5 ug/L of 1,2,4-Trimethylbenzene,
1.4 ug/L of 1,4-Dichlorobenzene, 2.1 ug/L of 1,2-Dichlorobenzene, and 1.4 ug/L of Napthalene
d = 150 ug/L of Trichlorofluoromethane
e = 200ug/l chloroform
f= 0.8 ug/l 1,2,4-trimethylbenzene, 1.6 ug/l 1,4-dichlorobenzene, 2.1 ug/l 1,2-dichlorobenzene

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

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

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

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

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	Filtered	I/J	9/5/1996	6.67	<60	**8.5**	**170**	<2.0	<2.0	<10	--	<20	<10	**4.6**	<0.20	<20	<20	--	**31**	<5.0	<5.0	<10	<20
SCIMW-3	SCI	Filtered	I/J	1/20/1997	6.46	<60	**23**	**110**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**31**	<5.0	<5.0	<10	<20
SCIMW-4	SCI	Filtered	L	8/26/1996	5.50	<60	**12**	**37**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**22**	<5.0	<5.0	<10	<20
SCIMW-4	SCI	Filtered	L	1/22/1997	8.43	<60	**6.6**	**16**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**25**	<5.0	<5.0	<10	<20
SCIMW-5	SCI	Filtered	M	9/3/1996	4.63	<60	<5.0	**290**	**2.0**	**2.0**	<10	--	<20	<10	<3.0	**0.23**	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-5	SCI	Filtered	M	1/20/1997	6.12	<60	<5.0	**62**	**2.7**	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**25**
SCIMW-5	SCI	--	M	5/31/2001	**Well Destroyed**																			
SCIMW-6	SCI	Filtered	C	8/28/1996	4.69	<60	<5.0	**100**	**2.1**	<2.0	<10	--	<20	**59**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**240**
SCIMW-6	SCI	Filtered	C	1/22/1997	4.68	<60	<5.0	**30**	<2.0	<2.0	<10	--	<20	**20**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**72**
SCIMW-6	SCI	Filtered	C	9/23/1998	4.38	<60	<5.0	**73**	**2.5**	<5.0	<10	--	<20	**290**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**80**
SCIMW-6	SCI	Filtered	C	12/10/1998	3.91	<60	<5.0	**48**	<2.0	<5.0	<10	--	<20	**75**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**74**
SCIMW-6	SCI	Filtered	C	5/6/1999	4.39	<60	<5.0	**30**	<2.0	<5.0	<10	--	<20	**21**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**63**
SCIMW-6	SCI	Filtered	C	8/26/1999	6.56	<60	<5.0	**43**	<2.0	<5.0	<10	--	<20	**26**	**4.3**	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**110**
SCIMW-6	SCI	Filtered	C	12/2/1999	4.00	<60	<5.0	**33**	<2.0	<5.0	<10	--	<20	**23**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**92**
SCIMW-7	SCI	Filtered	P/Q	9/6/1996	3.31+	<60	**24**	**290**	<2.0	<2.0	<10	--	<20	**13**	<3.0	**0.52**	<20	**29**	--	**18**	<5.0	<5.0	**12**	<20
SCIMW-7	SCI	Filtered	P/Q	1/20/1997	7.32	<60	**19**	**430**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	**83**	--	**18**	<5.0	<5.0	<10	<20
SCIMW-8	SCI	Filtered	I	8/26/1996	7.11	<60	**8.9**	**72**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	**23**	--	**43**	<5.0	<5.0	<10	**21**
SCIMW-8	SCI	Filtered	I	1/21/1997	7.70	<60	**23**	**57**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**10**	<5.0	<5.0	<10	**22**
SCIMW-9	SCI	Filtered	I	8/29/1996	6.40	<60	**21**	**61**	<2.0	<2.0	<10	--	<20	<10	**3.1**	**0.20**	<20	<20	--	**37**	<5.0	<5.0	<10	<20
SCIMW-9	SCI	Filtered	I	1/23/1997	6.66	<60	**16**	**89**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	**49**	--	**40**	<5.0	<5.0	<10	**150**
SCIMW-10	SCI	Filtered	J	8/26/1996	7.95	<60	**15**	**55**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**42**	<5.0	<5.0	<10	<20
SCIMW-10	SCI	Filtered	J	1/23/1997	7.87	<60	**24**	**49**	**2.3**	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**48**	<5.0	<5.0	<10	<20

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

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

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

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	7.67	<60	**6.8**	**1,600**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**18**	<5.0	<5.0	<10	**41**
SCIMW-20	SCI	Filtered	H/Q	10/7/1998	6.79	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-20	SCI	Filtered	H/Q	12/2/1999	3.40	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-20	SCI	--	H/Q	5/30/2001	**Well Destroyed**																			
SCIMW-21	SCI	Filtered	D	5/6/1997	7.44	--	--	--	--	--	--	--	--	--	**7.2**	--	--	--	**110,000**	--	--	--	--	--
SCIMW-22	SCI	Filtered	P	5/6/1997	8.22	--	--	--	--	--	--	**70**	--	--	--	--	--	--	**170,000**	--	--	--	--	--
SCIMW-23	SCI	Filtered	B	5/6/1997	5.55	<60	**22**	**56**	<2.0	<5.0	<10	**80**	<20	<10	<3.0	<0.20	<20	<20	**16,000**	**20**	<5.0	<5.0	<10	**25**
SCIMW-24	SCI	Filtered	N	5/6/1997	4.44	--	--	--	--	--	--	**160**	--	--	**6.3**	--	--	--	--	--	--	--	--	--
SCIMW-24	SCI	Filtered	N	9/18/1998	4.96	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-24	SCI	Filtered	N	12/11/1998	5.79	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-24	SCI	Filtered	N	5/6/1999	5.14	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-24	SCI	Filtered	N	12/1/1999	4.99	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-24	SCI	Filtered	N	4/6/2000	5.05	--	--	--	--	--	--	--	--	--	**8.3**	--	--	--	--	--	--	--	--	--
SCIMW-25	SCI	Filtered	H	5/7/1997	7.30	<60	**9.2**	**56**	<2.0	<5.0	<10	**60**	<20	<10	<3.0	**0.26**	<20	**28**	--	**14**	<5.0	<5.0	<10	<20
SCIMW-25	SCI	--	H	5/30/2001	**Well Destroyed**																			
SCIMW-26	SCI	Filtered	H	5/6/1997	8.15	<60	**20**	**2,900**	<2.0	<5.0	<10	**140**	<20	<10	<3.0	<0.20	<20	<20	--	**15**	<5.0	<5.0	<10	<20
SCIMW-27	SCI	Filtered	E/H	5/6/1997	6.45	<60	**10**	**480**	<2.0	<5.0	<10	**60**	<20	<10	<3.0	<0.20	<20	<20	--	**21**	<5.0	<5.0	<10	<20
SCIMW-28	SCI	Filtered	Q	5/7/1997	8.34	--	--	--	--	--	--	**90**	--	--	**6.9**	--	--	--	--	--	--	--	--	--
SCIMW-28	SCI	Filtered	Q	9/25/1998	7.83	<60	**15**	**96**	**2.6**	<5.0	<10	--	<20	**13**	**4.1**	<0.20	<20	<20	--	<5.0	<5.0	<5.0	**11**	**260**
SCIMW-28	SCI	Filtered	Q	5/6/1999	8.98	<60	**25**	**19**	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**12**	<5.0	<5.0	<5.0	<20
SCIMW-28	SCI	Filtered	Q	12/2/1999	8.26	<60	<5.0	**11**	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10.0	<20
SCIMW-28	SCI	Filtered	Q	10/6/2000	8.26	<60	**36**	**22**	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	**16**	<20
SCIMW-28	SCI	Filtered	Q	5/10/2001	8.77	<60	**5.0**	**25**	<2.0	**5.1**	<10	--	<20	**71**	**110**	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**510**

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

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

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (feet)	ANTIMONY (µg/L)	ARSENIC (µg/L)	BARIUM (µg/L)	BERYLLIUM (µg/L)	CADMIUM (µg/L)	CHROMIUM (µg/L)	CHROMIUM VI (µg/L)	COBALT (µg/L)	COPPER (µg/L)	LEAD (µg/L)	MERCURY (µg/L)	MOLYBDENUM (µg/L)	NICKEL (µg/L)	POTASSIUM (µg/L)	SELENIUM (µg/L)	SILVER (µg/L)	THALLIUM (µg/L)	VANADIUM (µg/L)	ZINC (µg/L)
SCIMW-28	SCI	Filtered	Q	11/30/2001	8.19	<60	**17**	**23**	<2.0	<5.0	<10	--	<20	**17**	**89**	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**210**
SCIMW-28	SCI	Filtered	Q	7/31/2002	7.93	<60	**7.8**	**17**	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-28	SCI	Filtered	Q	1/23/2003	8.70	<60	**27**	**34**	<2.0	<5.0	<10	--	<20	<10	**3.6**	<0.20	<20	<20	--	**8.0**	<5.0	<5.0	<10	<20
SCIMW-28	SCI	Filtered	Q	10/6/2004	8.70	<60	**55**	**33**	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	**33**	<20
SCIMW-28	Fugro	Filtered	Q	10/7/2005	3.32	**19**	**82**	**62**	<5.0	<2.0	<5.0	--	<5.0	<5.0	<5.0	**0.25**	**31**	<5.0	--	<5.0	<5.0	<5.0	**38**	**24**
SCIMW-28	Fugro	Filtered	Q	11/6/2006	7.72	<60	**14**	**64**	<2.0	<5.0	<10	--	<20	**71**	**45**	<0.20	**41**	<20	--	<5.0	<5.0	<5.0	<10	**160**
SCIMW-29	SCI	Filtered	H	5/20/1997	7.48	<60	<5.0	**160**	<2.0	<5.0	<10	<10	<20	**12**	<3.0	<0.20	<20	<20	--	**34**	<5.0	<5.0	<10	**50**
SCIMW-34	SCI	Filtered	H	9/24/1998	4.87	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	12/11/1998	4.91	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	5/6/1999	4.49	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	8/26/1999	6.86	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	12/2/1999	4.70	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	4/6/2000	5.50	--	--	--	--	--	--	--	--	--	<3.0	--	--	--	--	--	--	--	--	--
SCIMW-34	SCI	Filtered	H	10/5/2000	5.94	--	--	--	--	<5.0	--	<10	--	--	--	--	--	**24**	--	--	--	--	--	<20
SCIMW-34	SCI	Filtered	H	5/4/2001	4.46	--	--	--	--	<5.0	--	<10	--	--	--	--	--	**23**	--	--	--	--	--	**43**
SCIMW-34	SCI	Filtered	H	11/30/2001	4.78	--	**--**	**--**	--	<5.0	<10	--	--	--	--	--	--	<20	--	--	--	--	--	**86**
SCIMW-34	SCI	Filtered	H	7/31/2002	4.69*	--	**--**	**--**	--	<5.0	<10	--	--	--	--	--	--	**25**	--	--	--	--	--	<20
SCIMW-34	SCI	Filtered	H	1/21/2003	5.09	--	--	--	--	<5.0	<10	--	--	--	--	--	--	**28**	--	--	--	--	--	<20

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

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

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (^{o}C)	TEMPERATURE FIELD, BEFORE SAMPLING (^{o}C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
MW-1	SCI	F	9/25/1998	4.68	6.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	SCI	F	12/3/1999	4.59	6.73	--	-92.7	-101.2	--	7,831	--	20.03	19.56	--	--	--	--	--	3.58
MW-1	SCI	F	5/31/2001	**Well Destroyed**															
MW-2	SCI	F	9/23/1998	5.29	6.74	--	-53.0	--	--	--	--	--	--	--	--	--	--	--	0.12
MW-2	SCI	F	12/3/1999	5.27	6.92	--	12463.0	22,352.0	--	8,800	--	20.41	19.15	--	--	--	--	--	3.39
MW-2	SCI	F	1/23/2003	5.10	6.88	--	-122.0	-124.6	--	11,840	--	18.91	19.11	--	--	--	--	--	1.26
MW-2	Fugro	F	10/4/2004	5.35	6.57	--	-159.0	-155.3	--	16,640	--	20.21	20.81	--	--	--	--	--	1.12
MW-2	Fugro	F	10/7/2005	2.75	6.63	--	-248.7	-264.0	--	20,060	--	19.54	20.07	--	--	--	--	--	11.23
MW-2	Fugro	F	11/6/2006	5.35	6.85	--	-124.0	-227.4	--	9,729	--	21.24	20.82	--	--	--	--	--	9.81
MW-3	SCI	F	9/29/1998	5.83	7.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	SCI	F	12/3/1999	5.44	7.14	--	-60.7	-174.9	--	6,931	--	19.32	18.22	--	--	--	--	--	2.24
MW-3	SCI	F	10/4/2000	5.77	6.31	--	41.7	-57.3	--	10,480	--	20.49	19.79	--	--	--	--	--	3.08
MW-3	SCI	F	12/10/2001	2.31	6.82	--	--	--	--	--	--	14.30	14.30	--	--	--	--	--	--
MW-3	SCI	F	1/23/2003	5.16	6.89	--	-62.6	-144.1	--	19,520	--	19.35	18.75	--	--	--	--	--	2.32
MW-3	Fugro	F	9/30/2004	-1.11	6.57	--	-300.7	-308.8	--	22,230	--	18.90	18.81	--	--	--	--	--	0.07
MW-3	Fugro	F	10/7/2005	-2.73	6.64	--	-230.9	-226.9	--	20,800	--	18.01	17.09	--	--	--	--	--	6.32
MW-3	Fugro	F	11/6/2006	6.41	6.97	--	138.3	-201.0	--	12,350	--	20.77	19.17	--	--	--	--	--	5.61
MW-5	SCI	F	9/23/1998	6.40	6.75	--	-71.0	--	--	--	--	--	--	--	--	--	--	--	0.11
MW-5	SCI	F	5/7/1999	6.59	6.66	--	-18.5	-41.0	--	1,049	--	16.68	16.04	0.82	2.43	--	--	42.5	4.15
MW-5	SCI	F	12/3/1999	6.53	6.70	--	2656.0	20,057.0	--	2,095	--	18.44	17.97	--	--	--	--	--	2.65
MW-5	SCI	F	10/6/2000	6.56	6.41	--	130.7	56.0	--	15,060	--	19.77	20.53	--	--	--	--	--	2.84
MW-5	SCI	F	5/2/2001	6.74	6.81	--	-18.0	-19.5	--	8,000	--	17.56	17.71	--	--	--	--	--	3.52
MW-5	SCI	F	12/10/2001	6.45	6.71	--	--	--	--	--	--	14.30	16.40	--	--	--	--	--	--
MW-5	SCI	F	7/29/2002	6.26	6.58	--	-24.5	-44.5	--	11,740	--	9.38	18.60	--	--	--	--	--	5.93
MW-5	SCI	F	1/23/2003	6.92	6.40	--	-1.7	-10	--	6,946	--	17.82	18.61	--	--	--	--	--	0.89
MW-5	Fugro	F	10/1/2004	6.37	6.20	--	94.1	-19.7	--	5,931	--	20.44	19.03	--	--	--	--	--	1
MW-5	Fugro	F	10/5/2005	6.32	6.54	--	-238.8	-201.9	--	18,850	--	18.24	17.71	--	--	--	--	--	16.59
MW-5	Fugro	F	11/1/2006	+	6.74	--	-198.8	-236.5	--	3,956	--	18.81	18.29	--	--	--	--	--	7.52

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 (^{o}C)	TEMPERATURE FIELD, BEFORE SAMPLING (^{o}C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-1	SCI	E/H	9/22/1998	+	6.99	--	-129.0	--	--	--	--	--	--	--	--	--	--	--	0.26
SCIMW-1	SCI	E/H	12/2/1999	4.56	6.61	--	-89.1	-219.1	--	10,940	--	16.25	16.50	--	--	--	--	--	1.18
SCIMW-1	SCI	E/H	10/6/2000	4.75	7.69	--	141.5	--	--	11,040	--	18.67	--	--	--	--	--	--	6.10
SCIMW-1	SCI	E/H	11/29/2001	5.38	6.75	--	--	--	--	25,880	--	16.59	16.81	--	--	--	--	--	0.28
SCIMW-1	SCI	E/H	1/24/2003	5.73	6.44	--	-3.7	-211.9	--	5,330	--	15.33	17.06	--	--	--	--	--	1.54
SCIMW-2	SCI	N	9/18/1998	4.07	7.13	5.8	43.0	--	-31.0	12,600	--	--	--	--	--	4.4	--	--	0.11
SCIMW-2	SCI	N	12/10/1998	3.52	6.95	6.6	96.6	41.5	63.0	6,180	--	--	--	--	--	5.4	--	--	1.59
SCIMW-2	SCI	N	5/6/1999	4.52	7.36	--	36.8	-11.0	--	8,082	4,710	15.53	16.41	7.16	9.02	9.9	--	48.0	4.62
SCIMW-2	SCI	N	8/26/1999	3.00	7.17	--	16.1	-74.6	--	12,192	12,300	--	--	--	--	4.7	--	--	1.91
SCIMW-2	SCI	N	12/2/1999	3.85	6.97	--	-39.6	-100.3	--	6,366	9,390	17.67	18.61	--	--	4.9	--	--	3.05
SCIMW-2	SCI	N	4/6/2000	2.83	6.63	--	190.6	164.5	--	6,998	8,040	15.67	16.75	--	--	5.7	--	--	4.51
SCIMW-2	SCI	N	10/3/2000	4.75	6.93	--	65.1	-40.3	--	15,500	--	21.18	19.08	--	--	--	--	--	5.00
SCIMW-2	SCI	N	5/2/2001	3.11	6.20	--	-18.3	-18.4	--	10,910	--	16.31	15.73	--	--	--	--	--	1.88
SCIMW-2	SCI	N	11/29/2001	6.23	6.56	--	--	--	--	22,230	--	18.52	18.26	--	--	--	--	--	2.95
SCIMW-2	SCI	N	7/31/2002	2.92	7.00	--	-114.7	-88.9	--	21,900	--	17.18	18.62	--	--	--	--	--	5.39
SCIMW-2	SCI	N	1/23/2003	5.79	6.80	--	-13.3	-88.4	--	25,260	--	16.23	16.94	--	--	--	--	--	2.16
SCIMW-2	Fugro	N	10/4/2004	3.24	6.54	--	-78.4	-151.6	--	19,111	--	20.80	21.24	--	--	--	--	--	0.75
SCIMW-2	Fugro	N	10/6/2005	4.29	6.55	--	-270.1	-148.5	--	21,650	--	19.83	20.52	--	--	--	--	--	12.47
SCIMW-2	Fugro	N	11/2/2006	5.22	6.87	--	-62.6	-76.1	--	14,530	--	21.10	20.88	--	--	--	--	--	7.25
SCIMW-3	SCI	I/J	9/18/1998	4.29	6.81	--	-154.0	--	--	--	--	--	--	--	--	--	--	--	0.11
SCIMW-3	SCI	I/J	11/30/1999	6.17	6.62	--	-44.5	-111.0	--	7,234	--	21.07	21.15	--	--	--	--	--	5.38
SCIMW-3	SCI	I/J	10/4/2000	6.49	6.65	--	-77.1	-84.5	--	13,960	--	23.42	20.40	--	--	--	--	--	4.30
SCIMW-3	SCI	I/J	11/28/2001	5.87	6.80	--	--	--	--	7,500	--	20.97	19.42	--	--	--	--	--	6.20
SCIMW-3	SCI	I/J	1/22/2003	7.73	6.28	--	-88.2	-64.6	--	10,040	--	18.79	20.30	--	--	--	--	--	2.09
SCIMW-3	Fugro	I/J	10/4/2004	6.32					no readings taken, free product present										
SCIMW-3	Fugro	I/J	10/5/2005	6.50	6.63	--	-207.8	-235.2	--	9,689	--	23.14	23.41	--	--	--	--	--	14.28
SCIMW-3	Fugro	I/J	11/1/2006	6.26	6.82	--	-255.8	-252.8	--	8,675	--	23.40	22.22	--	--	--	--	--	17.44
SCIMW-4	SCI	L	9/22/1998	6.20	6.83	--	-127.0	--	--	--	--	--	--	--	--	--	--	--	0.23
SCIMW-4	SCI	L	12/3/1999	6.82	6.79	--	-131.8	-128.7	--	5,022	--	19.21	21.33	--	--	--	--	--	0.78

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 (^{o}C)	TEMPERATURE FIELD, BEFORE SAMPLING (^{o}C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-5	SCI	M	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**															
SCIMW-6	SCI	C	9/23/1998	4.38	7.02	6.2	270.0	--	223.0	--	--	--	--	--	--	--	<1.0	--	4.10
SCIMW-6	SCI	C	12/10/1998	3.91	7.19	6.7	42.0	125.0	189.0	21,600	--	--	--	--	--	<1.0	--	--	7.46
SCIMW-6	SCI	C	5/6/1999	4.39	7.27	--	56.6	200.0	--	16,630	17,700	14.77	14.86	15.6	14.27	1.9	--	59.4	5.52
SCIMW-6	SCI	C	8/26/1999	6.56	7.11	--	140.6	176.4	--	23,244	23,500	--	--	--	--	<1.0	--	--	6.44
SCIMW-6	SCI	C	12/2/1999	4.00	7.02	--	23.7	18.9	--	22,360	26,800	15.38	17.44	--	--	1.2	--	--	7.49
SCIMW-6	SCI	C	4/6/2000	3.68	6.78	--	280.2	270.9	--	17,940	18,900	14.91	15.73	--	--	<1.0	--	--	5.12
SCIMW-6	SCI	C	7/30/02	3.57	6.60	--	32.6	85.2	--	29,430	27,740	17.50	20.47	--	--	--	--	--	2.39
SCIMW-7	SCI	P/Q	9/17/1998	5.74	6.78	--	-155.0	--	--	--	--	--	--	--	--	--	--	--	0.10
SCIMW-7	SCI	P/Q	5/6/1999	7.40	6.58	--	-82.9	-108.4	--	12,500	--	16.80	17.20	10.9	15.15	--	--	93.2	8.54
SCIMW-7	SCI	P/Q	12/1/1999	5.56	6.68	--	-45.7	-84.5	--	12,730	--	18.48	18.46	--	--	--	--	--	4.03
SCIMW-7	SCI	P/Q	10/5/2000	8.25	6.14	--	3.1	-50.8	--	13,120	--	20.35	18.40	--	--	--	--	--	6.48
SCIMW-7	SCI	P/Q	5/2/2001	7.56	6.43	--	-18.6	-18.3	--	7,800	--	17.86	17.40	--	--	--	--	--	4.30
SCIMW-7	SCI	P/Q	11/29/2001	7.28	6.36	--	--	--	--	26,640	--	19.03	18.72	--	--	--	--	--	1.50
SCIMW-7	SCI	P/Q	7/30/2002	7.28	7.36	--	-103.9	-92.9	--	11,060	--	20.21	18.43	--	--	--	--	--	3.48
SCIMW-7	SCI	P/Q	1/23/2003	7.47	6.63	--	-48.4	-37.8	--	3,104	--	15.15	18.49	--	--	--	--	--	1.85
SCIMW-7	SCI	P/Q	10/6/2004	6.57	6.04	--	-228.1	-201.18	--	20,360	--	20.28	19.52	--	--	--	--	--	2.17
SCIMW-7	SCI	P/Q	1/10/2005	8.35	7.76	--	-131.9	-65.1	--	14,370	--	18.55	17.73	--	--	--	--	--	2.54
SCIMW-7	SCI	P/Q	4/12/2005	7.57	4.51	--	-49.3	-90.3	--	10,780	--	16.38	17.55	--	--	--	--	--	2.34
SCIMW-7	Fugro	P/Q	7/19/2005	7.58	6.56	--	47.2	42.9	--	19,100	--	18.62	19.16	--	--	--	--	--	2.11
SCIMW-7	Fugro	P/Q	10/6/2005	7.12	6.36	--	-167.9	-133.5	--	16,740	--	19.92	20.18	--	--	--	--	--	8.33
SCIMW-7	Fugro	P/Q	1/10/2006	7.55	6.63	--	-112.4	-131.0	--	11,210	--	18.50	19.16	--	--	--	--	--	2.09
SCIMW-7	Fugro	P/Q	4/24/2006	7.57	6.62	--	-145.6	-113.1	--	15,820	--	16.94	16.58	--	--	--	--	--	2.13

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-7	Fugro	P/Q	7/26/2006	7.26	6.81	--	-95.0	-44.5	--	34,000	--	20.93	22.27	--	--	--	--	--	2.50
SCIMW-7	Fugro	P/Q	11/1/2006	6.40	6.69	--	-178.7	-141.1	--	10,170	--	21.02	19.40	--	--	--	--	--	5.43
SCIMW-7	Fugro	P/Q	1/9/2007	7.36	6.76	--	-136.0	-165.4	--	9,308	--	16.99	15.83	--	--	--	--	--	4.89
SCIMW-7	Fugro	P/Q	4/18/2007	7.56	6.48	--	-23.6	-137.2	--	2,643	--	16.75	16.25	--	--	--	--	--	6.03
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	Fugro	I	10/6/2004	7.29	6.18	--	-46.3	-111.9	--	17,154	--	22.36	22.88	--	--	--	--	--	1.68
SCIMW-8	Fugro	I	10/5/2005	7.12	6.57	--	-131.3	-109.2	--	19,740	--	20.38	21.39	--	--	--	--	--	15.52
SCIMW-8	Fugro	I	11/1/2006	7.31	6.72	--	-94.4	-111.3	--	5,394	--	23.18	22.27	--	--	--	--	--	5.44
SCIMW-9	SCI	I	9/21/1998	6.64	6.67	--	-127.0	--	--	--	--	--	--	--	--	--	--	--	0.15
SCIMW-9	SCI	I	12/1/1999	6.69	7.14	--	-99.4	-192.1	--	7,050	--	20.81	21.47	--	--	--	--	--	1.16
SCIMW-9	SCI	I	10/5/2000	6.61	6.99	--	-61.0	-62.0	--	6,800	--	19.20	19.15	--	--	--	--	--	1.47
SCIMW-9	SCI	I	11/28/2001	7.50	7.06	--	--	--	--	8,540	--	21.02	20.53	--	--	--	--	--	0.80
SCIMW-9	SCI	I	11/22/2003	7.41	6.33	--	-28.6	-40.3	--	5,730	--	18.60	20.88	--	--	--	--	--	1.28
SCIMW-9	Fugro	I	10/4/2004	6.16	6.26	--	-187.7	-214.3	--	12,800	--	23.61	22.53	--	--	--	--	--	0.79
SCIMW-9	Fugro	I	10/5/2005	6.54	6.58	--	-132.8	-218.4	--	23,400	--	20.68	21.91	--	--	--	--	--	13.33
SCIMW-9	Fugro	I	11/2/2006	6.56	6.78	--	-123.8	-206.2	--	8,999	--	23.07	22.07	--	--	--	--	--	4.29
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

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-11	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	Fugro	N	10/1/2004	2.79	6.7	--	16.7	-6.2	--	14,950	--	23.40	23.08	--	--	--	--	--	6
SCIMW-11	Fugro	N	10/5/2005	4.22	6.73	--	-208.3	-142.5	--	15,700	--	21.03	21.62	--	--	--	--	--	14.09
SCIMW-11	Fugro	N	11/1/2006	4.43	7.14	--	79.5	-98.4	--	11,320	--	20.43	20.77	--	--	--	--	--	6.62
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

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 (^{o}C)	TEMPERATURE FIELD, BEFORE SAMPLING (^{o}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-13	SCI	J	10/5/2000	7.04	6.60	--	-40.0	-133.5		10,730	--	24.50	22.90	--	--	--	--	--	6.24
SCIMW-13	SCI	J	11/28/2001	6.77	6.78	--	--	--	--	12,310	--	22.51	20.50	--	--	--	--	--	6.13
SCIMW-13	SCI	J	1/23/2003	7.00	6.29	--	30.9	-11.6	--	6,010	--	18.05	19.82	--	--	--	--	--	1.92
SCIMW-13	Fugro	J	10/4/2004	6.87	6.6	--	-281.6	-331.4	--	22,050	--	22.12	23.44	--	--	--	--	--	1.98
SCIMW-13	Fugro	J	10/5/2005	7.09	6.58	--	-374.6	-363.3	--	26,290	--	20.67	22.11	--	--	--	--	--	12.43
SCIMW-13	Fugro	J	11/1/2006	7.22	6.81	--	-278.1	-288.3	--	10,790	--	23.05	21.89	--	--	--	--	--	11.34
SCIMW-14	SCI	I/J	9/18/1998	5.48	6.75	6.1	-116.0	--	140.0	3,190	--	--	--	--	--	23	--	--	0.18
SCIMW-14	SCI	I/J	12/11/1998	5.91	7.00	6.8	42.3	-81.1	100.0	5,600	--	--	--	--	--	14	--	--	--
SCIMW-14	SCI	I/J	5/7/1999	6.00	7.04	--	385.9	-87.2	--	1,779	1,970	17.50	16.30	--	--	--	--	70.9	--
SCIMW-14	SCI	I/J	8/26/1999	7.95	7.19	--	-59.2	-77.6	--	13,657	2,930	--	--	--	--	16	--	--	1.82
SCIMW-14	SCI	I/J	11/30/1999	5.30	6.40	--	321.0	-73.8	--	3,090	1,290	19.41	18.86	--	--	13	--	--	7.17
SCIMW-14	SCI	I/J	4/6/2000	5.61	7.00	--	132.3	-24.2	--	630	1,080	16.05	16.47	--	--	8.4	--	--	3.36
SCIMW-14	SCI	R	5/30/2001	**Well Destroyed**															
SCIMW-15	SCI	I/J	9/21/1998	5.17	6.79	--	-147.0	--	--	--	--	--	--	--	--	--	--	--	25.10
SCIMW-15	SCI	I/J	5/4/1999	5.15	7.00	--	-102.2	-103.8	--	3,948	--	17.70	17.30	--	--	--	--	25.1	--
SCIMW-15	SCI	I/J	11/30/1999	4.71	6.39	--	-111.9	-86.4	--	7,120	6,170	20.86	19.68	--	--	23	--	--	0.78
SCIMW-15	SCI	I/J	10/4/2000	4.97	6.46	--	-75.0	-56.0	--	5,700	--	21.51	21.51	--	--	--	--	--	1.47
SCIMW-15	SCI	I/J	5/2/2001	5.05	6.66	--	-18.3	-18.1	--	3,710	--	16.00	15.77	--	--	--	--	--	1.44
SCIMW-15	SCI	I/J	11/29/2001	8.60	6.55	--	--	--	--	4,489	--	16.42	16.61	--	--	--	--	--	0.38
SCIMW-15	SCI	I/J	7/30/2002	4.18	7.07	--	25.2	-61.6	--	4,840	--	16.42	16.61	--	--	--	--	--	4.70
SCIMW-15	SCI	I/J	1/22/2003	5.12	6.46	--	9.5	-14.5	--	4,590	--	16.12	15.76	--	--	--	--	--	1.83
SCIMW-15	Fugro	I/J	10/1/2004	4.97	6.49	--	-108.9	-107.8	--	9,232	--	20.81	23.34	--	--	--	--	--	0.62
SCIMW-15	Fugro	I/J	10/6/2005	4.90	5.98	--	-76	-86.3	--	7,768	--	19.85	21.37	--	--	--	--	--	10.55
SCIMW-15	Fugro	I/J	11/2/2006	4.96	6.85	--	-77.8	-90.6	--	3,238	--	19.92	20.09	--	--	--	--	--	2.67
SCIMW-16	SCI	R	9/21/1998	7.04	5.46	--	-160.0	--	--	--	--	--	--	--	--	--	--	--	0.11

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 (^{o}C)	TEMPERATURE FIELD, BEFORE SAMPLING (^{o}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-16	SCI	R	5/4/1999	6.68	6.90	--	-105.2	-145.1	--	18,200	--	19.80	13.40	--	--	--	--	49.7	--
SCIMW-16	SCI	R	11/30/1999	6.66	6.95	--	-103.4	-148.8	--	22,360	--	20.76	19.52	--	--	--	--	--	2.88
SCIMW-16	SCI	R	7/31/2002	6.39	7.35	--	-293.0	-205.6	--	24,080	--	27.64	22.34	--	--	--	--	--	2.56
SCIMW-17	SCI	R	9/21/1998	6.94	5.13	--	-122.0	--	--	--	--	--	--	--	--	--	--	--	0.14
SCIMW-17	SCI	R	12/1/1999	6.65	7.09	--	-124.6	-135.1	--	5,810	--	19.71	20.93	--	--	--	--	--	3.10
SCIMW-18	SCI	L	9/24/1998	7.23	6.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-18	SCI	L	12/1/1999	6.67	6.99	--	-138.2	-141.4	--	13,670	--	20.14	20.75	--	--	--	--	--	2.07
SCIMW-18	SCI	L	10/4/2000	7.11	6.71	--	-67.4	-38.6	--	13,800	--	22.19	19.05	--	--	--	--	--	1.90
SCIMW-18	SCI	L	11/29/2001	4.76	6.75	--	--	--	--	23,330	--	19.70	19.36	--	--	--	--	--	1.63
SCIMW-18	SCI	L	1/22/2003	6.86	6.38	--	-56.2	-60.2	--	16,580	--	19.37	18.96	--	--	--	--	--	1.43
SCIMW-19	SCI	R	9/18/1998	6.38	6.79	--	-138.0	--	--	--	--	--	--	--	--	--	--	--	0.14
SCIMW-19	SCI	R	12/2/1999	6.46	6.93	--	102.1	-99.0	--	5,070	--	19.53	20.85	--	--	--	--	--	3.91
SCIMW-19	SCI	R	7/31/2002	6.36	6.71	--	-37.7	-75.8	--	12,330	--	22.00	21.53	--	--	--	--	--	12.33
SCIMW-20	SCI	H/Q	9/21/1998	6.79	6.85	--	-86.0	--	--	--	--	--	--	--	--	--	--	--	0.16
SCIMW-20	SCI	H/Q	12/2/1999	6.41	6.81	--	76.6	-123.3	--	6,160	--	15.86	18.30	--	--	--	--	--	5.39
SCIMW-20	SCI	H/Q	5/30/2001	**Well Destroyed**															
SCIMW-21	SCI	D	5/6/1997	7.44	--	6.9	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-21	SCI	D	9/22/1998	7.54	6.91	6.9	228.0	--	--	--	--	--	--	--	--	--	--	--	0.18
SCIMW-21	SCI	D	12/3/1999	8.98	6.79	--	68.3	-117.0	--	890	--	14.13	17.59	--	--	--	--	--	2.49
SCIMW-21	SCI	D	10/5/2000	7.75	6.80	--	82.4	-7.2	--	995	--	18.99	18.00	--	--	--	--	--	4.30
SCIMW-21	SCI	D	11/29/2001	6.89	6.60	--	--	--	--	16,900	--	18.03	17.77	--	--	--	--	--	1.63
SCIMW-21	SCI	D	8/1/2002	6.48	6.85	--	-37.0	-50.6	--	11,680	--	17.03	17.62	--	--	--	--	--	1.88
SCIMW-21	SCI	D	1/23/2003	6.83	6.66	--	-13.2	-19.0	--	1,799	--	13.82	18.06	--	--	--	--	--	3.41
SCIMW-22	SCI	P	9/22/1998	7.24	6.58	--	-138.0	--	--	--	--	--	--	--	--	--	--	--	0.15
SCIMW-22	SCI	P	5/5/1999	7.66	6.81	--	-102.2	-107.1	--	13,217	--	17.79	17.00	--	--	--	--	31.5	--
SCIMW-22	SCI	P	12/2/1999	6.81	6.77	--	-40.0	-125.7	--	17,110	--	19.79	21.05	--	--	--	--	--	3.09
SCIMW-22	SCI	P	10/6/2000	5.36	7.04	--	-80.0	10.7	--	6,240	--	19.10	20.06	--	--	--	--	--	1.74
SCIMW-22	SCI	P	11/29/2001	7.35	6.16	--	--	--	--	17,910	--	20.22	19.52	--	--	--	--	--	1.35

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 (^{o}C)	TEMPERATURE FIELD, BEFORE SAMPLING (^{o}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-22	SCI	P	11/22/2003	7.32	6.44	--	-286.0	-101.0	--	23,420	--	20.04	15.53	--	--	--	--	--	1.04
SCIMW-22	Fugro	P	10/4/2004	6.08	6.59	--	-253.4	-261.7	--	19,480	--	24.41	25.54	--	--	--	--	--	1.13
SCIMW-22	Fugro	P	10/6/2005	6.24	6.17	--	-237.2	-267.8	--	20,450	--	22.59	23.63	--	--	--	--	--	20.05
SCIMW-22	Fugro	P	11/2/2006	6.30	6.84	--	-183.6	-284.8	--	19,700	--	24.16	24.16	--	--	--	--	--	6.21
SCIMW-23	SCI	B	5/6/1997	5.55	--	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-23	SCI	B	9/24/1998	5.46	6.83	6.1	--	--	-50.0	9,940	--	--	--	--	--	8.3	--	--	--
SCIMW-23	SCI	B	12/11/1998	6.39	6.74	6.4	-63.0	40.0	29.0	--	--	--	--	--	--	--	--	--	1.66
SCIMW-23	SCI	B	5/6/1999	6.09	6.57	--	-43.3	-60.4	--	4,660	210	18.15	17.63	3.96	7.61	11	11	72.7	6.76
SCIMW-23	SCI	B	8/26/1999	4.35	6.46	--	-89.1	-85.3	--	7,653	7,490	--	--	--	--	11	--	--	1.79
SCIMW-23	SCI	B	12/3/1999	5.56	6.41	--	-95.4	-136.6	--	10,680	11,200	19.21	20.35	--	--	13	--	--	0.62
SCIMW-23	SCI	B	4/6/2000	2.79	6.70	--	28.0	-92.1	--	6,809	1,970	18.81	17.08	--	--	13	--	--	3.13
SCIMW-23	SCI	B	10/4/2000	2.79	6.72	--	-41.0	-34.7	--	11,790	--	18.96	19.59	--	--	--	--	--	3.48
SCIMW-23	SCI	B	5/2/2001	5.94	6.35	--	-23.4	-20.2	--	8,600	--	18.77	18.00	--	--	--	--	--	1.84
SCIMW-23	SCI	B	11/29/2001	6.16	6.73	--	--	--	--	25,350	--	19.57	19.39	--	--	--	--	--	1.17
SCIMW-23	SCI	H	9/30/2004	**Well Destroyed**															
SCIMW-24	SCI	N	9/18/1998	4.96	6.38	6.3	-158.0	--	-52.0	1,850	--	--	--	--	--	29	--	--	0.13
SCIMW-24	SCI	N	12/11/1998	5.79	6.80	6.6	117.3	-100.6	-21.0	13,200	--	--	--	--	--	27	--	--	1.18
SCIMW-24	SCI	N	5/6/1999	5.14	6.92	--	-87.2	-81.2	--	1,134	1,090	19.19	18.65	0.88	0.87	23	--	72	6.67
SCIMW-24	SCI	N	12/1/1999	4.99	6.28	--	-47.0	-59.8	--	2,586	2,370	20.60	20.02	--	--	19	--	--	5.09
SCIMW-24	SCI	N	4/6/2000	5.05	6.83	--	-92.1	-97.6	--	1,781	--	18.84	18.07	--	--	33	--	--	1.60
SCIMW-24	SCI	N	10/5/2000	4.95	6.60	--	33.5	-32.5	--	2,720	--	24.25	23.17	--	--	--	--	--	7.45
SCIMW-24	SCI	N	5/2/2001	4.94	5.84	--	-30.0	-19.5	--	1,520	--	20.09	19.42	--	--	--	--	--	9.12
SCIMW-24	SCI	N	11/27/2001	5.37	6.93	--	--	--	--	2,245	--	21.37	18.12	--	--	--	--	--	2.76
SCIMW-24	SCI	N	7/30/2002	5.17	6.55	--	-113.6	-92.0	--	2,134	--	23.61	23.21	--	--	--	--	--	4.28
SCIMW-24	SCI	N	1/22/2003	5.74	6.65	--	94.9	-53.2	--	1,958	--	18.64	17.07	--	--	--	--	--	1.09

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 (^{o}C)	TEMPERATURE FIELD, BEFORE SAMPLING (^{o}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	Fugro	N	10/4/2004	5.11	6.15	--	-116.6	-106.4	--	4,011	--	22.87	24.55	--	--	--	--	--	1.17
SCIMW-24	Fugro	N		5.73	4.76	--	-117.1	-115.9	--	1,083	--	19.14	19.53	--	--	--	--	--	0.68
SCIMW-24	Fugro	N	10/6/2005	4.96	6.47	--	-106.5	-97.0	--	21,720	--	20.91	23.39	--	--	--	--	--	7.28
SCIMW-24	Fugro	N	4/24/2006	5.96	6.92	--	-82.1	-100.4	--	1,646	--	18.71	18.36	--	--	--	--	--	1.94
SCIMW-24	Fugro	N	11/2/2006	5.14	6.66	--	-83.5	-91.7	--	2,245	--	23.39	23.34	--	--	--	--	--	13.70
SCIMW-24	Fugro	N	4/18/2007	5.17	6.80	--	-122.4	-92.1	--	1,104	--	19.42	18.90	--	--	--	--	--	3.55
SCIMW-25	SCI	H	5/30/2001	**Well Destroyed**															
SCIMW-26	SCI	H	9/22/1998	7.41	6.54	--	-94.0	--	--	--	--	--	--	--	--	--	--	--	0.11
SCIMW-26	SCI	H	12/2/1999	7.92	6.74	--	-175.4	-163.2	--	11,240	--	18.53	17.75	--	--	--	--	--	2.53
SCIMW-26	SCI	H	10/6/2000	7.92	6.35	--	-9.5	-2.5	--	11,560	--	23.58	22.50	--	--	--	--	--	1.49
SCIMW-26	SCI	H	1/24/2003	5.74	7.44	--	31.3	-9.2	--	1,198	--	14.67	15.52	--	--	--	--	--	3.14
SCIMW-26	Fugro	H	10/4/2004	7.75	5.98	--	-40.3	-92.2	--	10,880	--	21.52	22.83	--	--	--	--	--	1.47
SCIMW-26	Fugro	H	10/6/2005	7.44	5.97	--	-100.2	-102.7	--	15,760	--	19.09	22.41	--	--	--	--	--	23.93
SCIMW-26	Fugro	H	1/10/2006	7.80	6.81	--	-102.2	-110.6	--	10,160	--	17.67	16.06	--	--	--	--	--	0.99
SCIMW-26	Fugro	H	11/2/2006	7.50	6.78	--	-88.0	-91.3	--	10,070	--	20.71	20.61	--	--	--	--	--	4.37
SCIMW-27	SCI	E/H	9/22/1998	6.58	6.85	--	-52.0	--	--	--	--	--	18	--	--	--	--	--	0.11
SCIMW-27	SCI	E/H	12/2/1999	6.52	6.75	--	-19.0	-97.0	--	11,180	--	15.61	17.34	--	--	--	--	--	4.29
SCIMW-28	SCI	Q	9/23/1998	7.83	6.85	--	--	--	--	--	--	--	17	--	--	--	--	--	--
SCIMW-28	SCI	Q	5/6/1999	8.98	6.75	--	-55.9	-77.6	--	460	--	14.36	15.70	0.35	8.5	17	--	82.3	8.47
SCIMW-28	SCI	Q	12/2/1999	8.26	6.53	--	91.1	-60.1	--	219	--	15.23	16.99	--	--	--	--	--	3.51
SCIMW-28	SCI	Q	10/5/2000	7.79	5.98	--	110.2	17.1	--	460	--	18.93	17.70	--	--	--	--	--	6.13
SCIMW-28	SCI	Q	5/2/2001	8.77	5.48	--	-20.7	-21.2	--	400	--	15.98	16.17	--	--	--	--	--	2.11
SCIMW-28	SCI	Q	11/29/2001	8.19	6.56	--	--	--	--	22,710	--	16.82	16.75	--	--	--	--	--	4.60
SCIMW-28	SCI	Q	7/31/2002	8.19	6.64	--	-13.5	-40.7	--	22,710	--	16.82	16.75	--	--	--	--	--	4.60
SCIMW-28	SCI	Q	1/23/2003	8.70	6.11	--	-13.9	2.7	--	320	--	14.83	17.28	--	--	--	--	--	3.42

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-28	Fugro	Q	10/6/2004	7.81	6.05	--	-35.4	-16.8	--	758	--	19.77	18.89	--	--	--	--	--	0.93
SCIMW-28	Fugro	Q	10/7/2005	3.32	5.67	--	-83.6	-88.9	--	20,210	--	17.24	18.14	--	--	--	--	--	21.37
SCIMW-28	Fugro	Q	11/6/2006	7.72	6.68	--	-20.9	-74.5	--	515	--	18.35	18.12	--	--	--	--	--	7.01
SCIMW-29	SCI	Q	10/4/2000	7.50	6.4	--	64.4	-5.3	--	6,800	--	18.20	17.50	--	--	--	--	--	4.60
SCIMW-29	SCI	Q	12/10/2001	7.93	6.67	--	--	--	--	--	--	16.80	15.60	--	--	--	--	--	--
SCIMW-29	SCI	Q	1/22/2003	7.71	6.67	--	-2.8	-105.1	--	6,270	--	16.18	16.82	--	--	--	--	--	2.41
SCIMW-29	Fugro	Q	10/6/2004	7.48	6.65	--	29.5	-195	--	4,956	--	18.13	17.42	--	--	--	--	--	2.04
SCIMW-29	Fugro	Q	10/7/2005	7.48	5.80	--	-180.1	-250.4	--	21,160	--	16.65	16.78	--	--	--	--	--	21.66
SCIMW-29	Fugro	Q	11/2/2006	7.53	6.67	--	-54.3	-282.6	--	5,194	--	17.38	17.19	--	--	--	--	--	2.73
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	Fugro	P	10/4/2004	7.45	6.66	--	-381.7	-355.1	--	15,970	--	20.92	20.91	--	--	--	--	--	1.84
SCIMW-30	Fugro	P	10/6/2005	7.47	6.53	--	-283.9	-299.9	--	22,300	--	19.72	21.21	--	--	--	--	--	20.72
SCIMW-30	Fugro	P	11/6/2006	7.42	6.84	--	-197.0	-272.4	--	15,560	--	20.32	19.94	--	--	--	--	--	11.88
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

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	1/22/2003	4.83	6.69	--	328.0	357.9	--	9,475	--	20.82	19.24	--	--	--	--	--	3.90
SCIMW-31D	Fugro	P	10/4/2004	5.37	7.22	--	-144.8	-17.4	--	10,830	--	24.59	20.05	--	--	--	--	--	3.25
SCIMW-31D	Fugro	P	10/6/2005	5.36	6.54	--	-178.6	-39.1	--	74	--	21.87	19.84	--	--	--	--	--	0.84
SCIMW-31D	Fugro	P	11/2/2006	5.53	6.67	--	-82.2	3.9	--	13,310	--	22.32	19.75	--	--	--	--	--	23.03
SCIMW-32	SCI	I/P	9/21/1998	7.71	5.11	--	-101.0	--	--	--	--	--	19.12	--	--	--	--	--	0.09
SCIMW-32	SCI	I/P	5/5/1999	8.43	6.24	--	-44.2	-88.4	--	2,839	--	20.56	19.08	--	--	--	--	94.6	--
SCIMW-32	SCI	I/P	12/1/1999	8.04	7.03	--	-13.3	-79.8	--	3,847	--	21.68	21.45	--	--	--	--	--	3.82
SCIMW-32	Fugro	I/P	10/4/2004	7.79	6.48	--	-229.7	-211.2	--	11,680	--	23.44	22.94	--	--	--	--	--	1.04
SCIMW-32	Fugro	I/P	10/6/2005	7.79	6.35	--	-70.3	-78.3	--	15,850	--	23.63	22.43	--	--	--	--	--	29.32
SCIMW-32	Fugro	I/P	11/2//2006	7.79	6.59	--	-157.6	-98.9	--	4,362	--	23.30	22.15	--	--	--	--	--	10.30
SCIMW-33	SCI	I/J	9/21/1998	7.15	4.98	--	-194.0	--	--	--	--	--	21.45	--	--	--	--	--	0.09
SCIMW-33	SCI	I/J	5/5/1999	7.47	6.60	--	-72.9	-88.4	--	3,355	--	19.80	19.11	--	--	--	--	35.3	--
SCIMW-33	SCI	I/J	12/1/1999	6.75	6.81	--	-58.8	-113.2	--	6,845	--	19.94	22.11	--	--	--	--	--	3.67
SCIMW-33	SCI	I/J	10/4/2000	7.12	6.06	--	10.1	-79.7	--	7,800	--	24.05	20.44	--	--	--	--	--	2.97
SCIMW-33	SCI	I/J	5/2/2001	7.17	6.44	--	-21.0	-19.4	--	5,160	--	20.32	19.19	--	--	--	--	--	3.33
SCIMW-33	SCI	I/J	11/27/2001	7.84	6.89	--	--	--	--	7,535	--	20.91	19.81	--	--	--	--	--	3.40
SCIMW-33	SCI	I/J	7/30/2002	7.93	7.03	--	-69.5	-40.9	--	16,900	--	20.59	21.48	--	--	--	--	--	--
SCIMW-33	SCI	I/J	1/23/2003	7.41	6.29	--	-104.1	-160.0	--	11,390	--	18.94	20.60	--	--	--	--	--	2.29
SCIMW-33	Fugro	I/J	10/6/2004	6.95	6.5	--	-114.2	-122.7	--	7,511	--	24.55	23.40	--	--	--	--	--	0.98
SCIMW-33	Fugro	I/J	10/6/2005	6.91	6.32	--	-87.0	-89.7	--	15,990	--	21.51	21.67	--	--	--	--	--	23.46
SCIMW-33	Fugro	I/J	11/2/2006	6.95	6.79	--	-10.9	-100.6	--	7,459	--	22.90	21.85	--	--	--	--	--	2.27
SCIMW-33	Fugro	I/J	1/9/2007	7.20	6.52	--	-174.6	-127.6	--	18,400	--	21.29	20.60	--	--	--	--	--	1.71
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

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-34	SCI	R	12/2/1999	4.70	6.91	--	174.8	23.0	--	11,810	14,400	17.46	17.16	--	--	7.2	--	--	4.35
SCIMW-34	SCI	R	4/6/2000	5.50	6.97	--	202.4	194.9	--	12,510	14,400	14.61	14.53	--	--	6.0	--	--	3.87
SCIMW-34	SCI	R	10/5/2000	5.94	6.40	--	8.2	14.2	--	9,020	--	20.0	18.60	--	--	--	--	--	2.47
SCIMW-34	SCI	R	5/2/2001	4.46	6.05	--	-19.4	-18.1	--	7,980	--	16.02	15.22	--	--	--	--	--	2.31
SCIMW-34	SCI	R	11/29/2001	4.78	6.41	--	--	--	--	18,060	--	17.90	17.50	--	--	--	--	--	1.92
SCIMW-34	SCI	R	7/30/2002	4.69*	7.42	--	8.6	-15.4	--	16,980	--	17.21	17.58	--	--	--	--	--	4.91
SCIMW-34	SCI	R	1/22/2003	5.09	6.74	--	-74.0	-99.0	--	10,060	--	14.58	15.22	--	--	--	--	--	2.02
SCIMW-34	Fugro	R	10/6/2004	4.88	6.29	--	211.1	164.3	--	16,320	--	19.19	19.15	--	--	--	--	--	1.36
SCIMW-34	Fugro	R	10/6/2005	4.65	6.17	--	-18.8	-28.6	--	16,430	--	18.28	18.33	--	--	--	--	--	17.19
SCIMW-34	Fugro	R	11/2/2006	4.74	7.01	--	-43.5	-39.9	--	8,217	--	18.63	18.75	--	--	--	--	--	4.31
SCIMW-35	SCI	R	9/23/1998	4.74	6.76	--	125.0	--	--	--	--	--	--	--	--	--	--	--	3.06
SCIMW-35	SCI	R	12/11/1998	5.15	6.88	--	41.0	-7.1	--	--	--	--	--	--	--	--	--	--	1.80
SCIMW-35	SCI	R	5/5/1999	4.50	6.76	--	83.0	64.0	--	2,382	--	16.06	15.70	--	--	--	--	147.6	--
SCIMW-35	SCI	R	8/26/1999	5.95	6.98	--	96.6	3.3	--	9,283	--	--	--	--	--	--	--	--	2.61
SCIMW-35	SCI	R	12/2/1999	4.63	6.55	--	166.9	111.5	--	10,250	--	18.39	18.56	--	--	--	--	--	4.52
SCIMW-35	SCI	R	4/6/2000	4.55	6.87	--	309.5	263.4	--	6,123	--	15.57	16.03	--	--	--	--	--	2.86
SCIMW-35	SCI	R	10/5/2000	4.55	6.27	--	164.0	101.3	--	7,888	--	22.28	20.77	--	--	--	--	--	3.07
SCIMW-35	SCI	R	11/29/2001	4.81	6.81	--	--	--	--	15,210	--	19.81	19.62	--	--	--	--	--	1.90
SCIMW-35	SCI	R	1/22/2003	5.08	6.99	--	91.8	120.0	--	6,370	--	17.61	16.05	--	--	--	--	--	2.59
SCIMW-35	Fugro	R	10/6/2004	4.84	6.41	--	176	123.1	--	14,050	--	21.02	21.49	--	--	--	--	--	1.22
SCIMW-35	Fugro	R	10/5/2005	4.60	6.03	--	11.3	-6.3	--	20,499	--	19.65	20.20	--	--	--	--	--	2.73
SCIMW-35	Fugro	R	11/2/2006	4.84	6.81	--	7.3	-19.3	--	12,620	--	19.71	19.79	--	--	--	--	--	2.85

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 field work and may not be the same as the date sampled.
* = Well was inaccessible on the first day of sampling, the groundwater elevation presented was obtained on the day that the well was actually sampled and is not shown on Table 2.
Fugro West, Inc. (Fugro) acquired the assets of
Subsurface Consultants, Inc. (SCI) in September 2001.

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

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

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	Acenaphthene (µg/L)		Acenaphthylene (µg/L)		Anthracene (µg/L)		Chrysene (µg/L)		Benzo(b, k) Fluoranthene (µg/L)		Benzo(g,h,i) Perlene (µg/L)		Benzo(a) Pyrene (µg/L)		Indeno (1,2,3-cd) pyrene (µg/L)		Fluoranthene (µg/L)		Fluorene (µg/L)		Naphthalene (µg/L)		Phenanthrene (µg/L)		Other PNAs (µg/L)	
					Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
SCIMW-9	SCI	I	8/29/1996	6.40	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-9	SCI	I	1/23/1997	6.66	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-9	SCI	I	9/22/1998	6.64	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	<9.7	--	--
SCIMW-10	SCI	J	8/26/1996	7.95	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-10	SCI	J	1/23/1997	7.87	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-11	SCI	N	8/28/1996	3.83	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-11	SCI	N	1/17/1997	4.32	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-11	SCI	N	9/23/1998	4.72	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	ND	--
SCIMW-11	SCI	N	12/10/1998	3.32	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	<9.4	<11	--	--
SCIMW-12	SCI	O	8/29/1996	4.09	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-12	SCI	O	1/17/1997	4.53	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-13	SCI	J	8/29/1996	7.21	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-13	SCI	J	1/23/1997	6.93	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-13	SCI	J	9/18/1998	7.42	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	<11	--	--
SCIMW-14	SCI	I/J	8/29/1996	5.36	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-14	SCI	I/J	1/21/1997	5.64	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-14	SCI	I/J	9/18/1998	5.48	<9.8	<9.8	<9.8		<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	ND	--
SCIMW-14	SCI	I/J	5/31/2001	**Well Destroyed**																										
SCIMW-15	SCI	I/J	8/29/1996	4.85	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-15	SCI	I/J	1/17/1997	5.01	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-15	SCI	I/J	9/21/1998	5.17	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	<9.5	--	--
SCIMW-16	SCI	R	8/30/1996	6.81	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-16	SCI	R	1/22/1997	7.03	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-17	SCI	R	8/29/1996	6.55	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-17	SCI	R	1/22/1997	7.67	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-18	SCI	L	9/6/1996	5.22+	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-18	SCI	L	1/20/1997	6.98	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-19	SCI	R	8/30/1996	6.16	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-19	SCI	R	1/21/1997	7.42	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-20	SCI	H/Q	9/3/1996	7.03	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-20	SCI	H/Q	1/20/1997	7.67	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--
SCIMW-20	SCI	H/Q	5/30/2001	**Well Destroyed**																										
SCIMW-22	SCI	P	5/6/1997	8.22	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	<9.4	--	ND	--

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

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

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

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

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

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

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

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	BENZOIC ACID (µg/L)	BENZYL ALCOHOL (µg/L)	1,2-DI-CHLORO-BENZENE (µg/L)	1,4-DI-CHLORO-BENZENE (µg/L)	2,4-DI-METHYL-PHENOL (µg/L)	DI-N-OCTYL-PHTHALATE (µg/L)	BIS(2-ETHYL-HEXYL) PHTHALATE (µg/L)	2-METHYL-PHENOL (µg/L)	4-METHYL-PHENOL (µg/L)	PENTA-CHLORO-PHENOL (µg/L)	PHENOL (µg/L)	OTHER 8270s
SCIMW-9	SCI	Filtered	I	8/29/1996	6.40	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-9	SCI	Filtered	I	1/23/1997	6.66	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-9	SCI	Filtered	I	9/22/1998	6.64	<48	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	NL	<9.7	<9.7	ND
SCIMW-10	SCI	Filtered	J	8/26/1996	7.95	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-10	SCI	Filtered	J	1/23/1997	7.87	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-11	SCI	Filtered	N	8/28/1996	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
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

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	1/20/1997	7.67	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-20	SCI	--	H/Q	5/30/2001	**Well Destroyed**												
SCIMW-22	SCI	Filtered	P	5/6/1997	8.22	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-24	SCI	Filtered	N	5/6/1997	4.44	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	**14**	ND
SCIMW-34	SCI	Filtered	R	10/20/1997	4.88	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND
SCIMW-35	SCI	Unfiltered	R	10/20/1997	4.87	<47	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4	ND

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

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

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

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

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

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

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

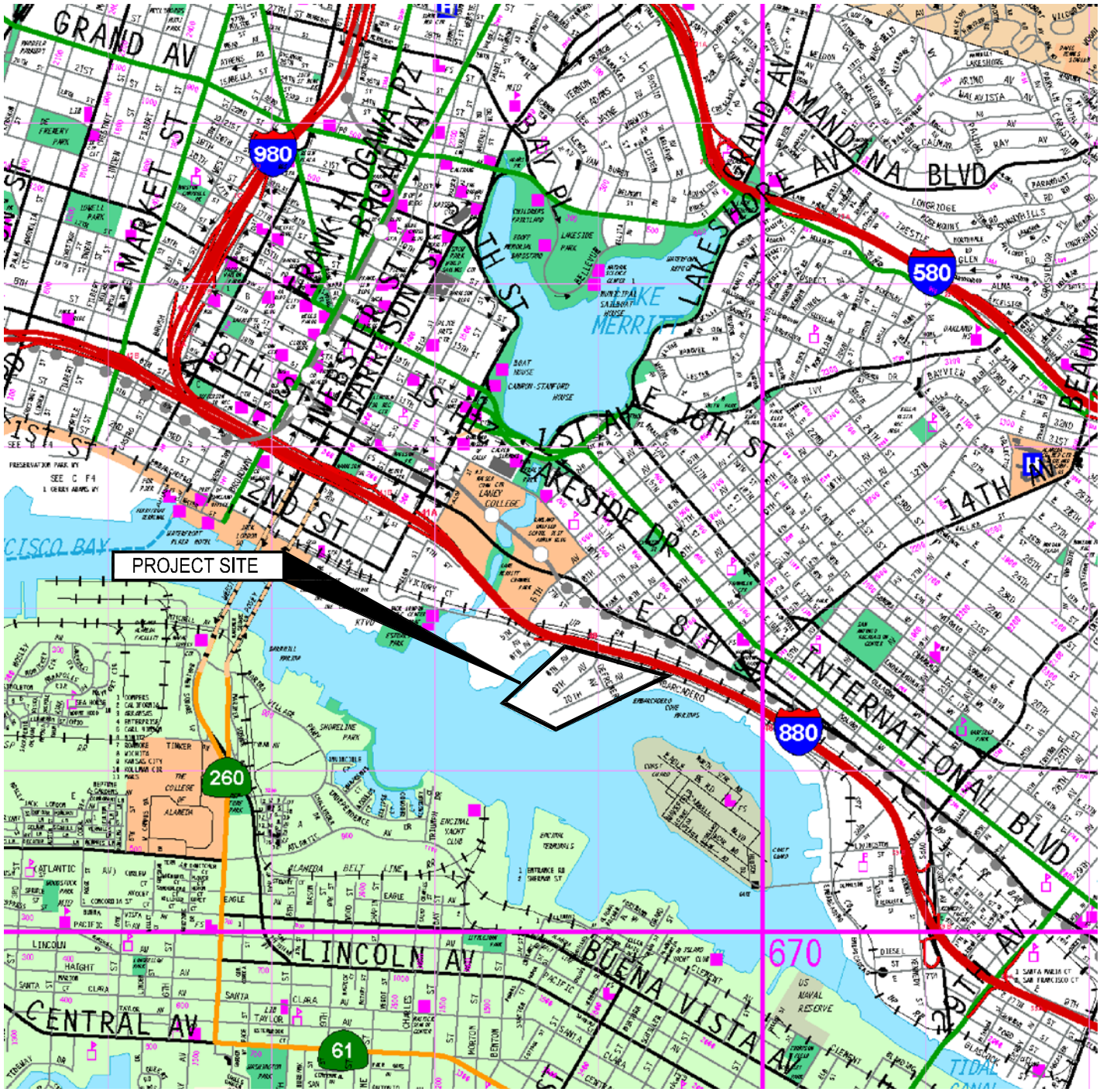
SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	CYANIDE (µg/L)	NITRATE/ NITRITE-N (µg/L)	TOTAL PHOS-PHORUS (µg/L)
MW-5	SCI	F/H	5/6/1997	6.45	<10	--	--
MW-6	SCI	F/H	5/6/1997	7.04	<10	--	--
SCIMW-21	SCI	D	5/6/1997	7.44	--	<50	**1,100**
SCIMW-22	SCI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

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

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

PLATES

Port of Oakland
Project No. 133.023



G: \jobdocs\133\133.023\Drawings\A133_023_01.dwg 2-06-07 10:19:14 AM rkandah

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

NORTH

0 2400 4800

FEET

VICINITY MAP
Groundwater Monitoring Events
Ninth Avenue Terminal, Port of Oakland
Oakland, California

PLATE 1

SCIMW-1 NM
SCIMW-2 NM
SCIMW-3 NM
SCIMW-4 NM
SCIMW-5
SCIMW-6 NM
SCIMW-7 7.36
SCIMW-8 NM
SCIMW-9 NM
SCIMW-10 NM
SCIMW-11 NM
SCIMW-12 NM
SCIMW-13 NM
SCIMW-14
SCIMW-15 NM
SCIMW-16 NM
SCIMW-17
SCIMW-18 NM
SCIMW-19 NM
SCIMW-20
SCIMW-21 NM
SCIMW-22 NM
SCIMW-23 NM
SCIMW-24 NM
SCIMW-25
SCIMW-26 NM
SCIMW-27 NM
SCIMW-28 NM
SCIMW-29 NM
SCIMW-30 NM
SCIMW-31D NM
SCIMW-32 NM
SCIMW-33 7.20
SCIMW-34 NM
SCIMW-35 NM
MW-1 NM
MW-2 NM
MW-3 NM
MW-4 NM
MW-5 NM
MW-6 NM
MW-7 NM
OIL FILLED MANHOLE

NORTH

0 150 300
FEET

LEGEND:

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

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

GROUNDWATER ELEVATIONS
WINTER 2006/2007
Ninth Avenue Terminal
Port of Oakland, California

PLATE 2a

G:\jobdocs\133\133.023\Drawings\B133_023_06.dwg 7-11-07 02:42:30 PM vtong

SCIMW-1 NM
SCIMW-2 NM
SCIMW-3 NM
SCIMW-4 NM
SCIMW-5
SCIMW-6 NM
SCIMW-7 7.56
SCIMW-8 NM
SCIMW-9 NM
SCIMW-10 NM
SCIMW-11 NM
SCIMW-12 NM
SCIMW-13 NM
SCIMW-14
SCIMW-15 NM
SCIMW-16 NM
SCIMW-17
SCIMW-18 NM
SCIMW-19 NM
SCIMW-20
SCIMW-21 NM
SCIMW-22 NM
SCIMW-23 NM
SCIMW-24 5.17
SCIMW-25
SCIMW-26 NM
SCIMW-27 NM
SCIMW-28 NM
SCIMW-29 NM
SCIMW-30 NM
SCIMW-31D NM
SCIMW-32 NM
SCIMW-33 NM
SCIMW-34 NM
SCIMW-35 NM
MW-1 NM
MW-2 NM
MW-3 NM
MW-4 NM
MW-5 NM
MW-6 NM
MW-7 NM
OIL FILLED MANHOLE

LEGEND:

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

NORTH

0 150 300
FEET

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

GROUNDWATER ELEVATIONS
SPRING 2007
Ninth Avenue Terminal
Port of Oakland, California

PLATE 2b

G:\jobdocs\133\133.023\Drawings\B133_023_02_rev4.dwg 7-10-07 10:46:03 AM vtong

December 2005
Project No. 133.023

SCIMW-24	04/18/07	
TVHg	9,100	µg/L
TEHd	8,200	µg/L
TEHmo	6,300	µg/L
Benzene	1,200	µg/L
Ethylbenzene	22	µg/L
Toluene	40	µg/L
Xylenes	58	µg/L
MTBE	<20	µg/L

SCIMW-7	01/10/07		04/18/07	
TVHg	3,800	µg/L	6,400	µg/L
TEHd	290	µg/L	380	µg/L
TEHmo	<300	µg/L	<300	µg/L
Benzene	2,100	µg/L	2,000	µg/L
Ethylbenzene	<100	µg/L	<130	µg/L
Toluene	1,300	µg/L	960	µg/L
Xylenes	150	µg/L	<260	µg/L
MTBE	<100	µg/L	<130	µg/L
4-4-DDD	3.3	µg/L	2.7	µg/L
4-4-DDE	0.3	µg/L	<0.5	µg/L
4-4-DDT	<0.2	µg/L	<0.5	µg/L

LEGEND:

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

NORTH

0 150 300
FEET

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

PETROLEUM AND PESTICIDE CONCENTRATIONS
WINTER QUARTERLY AND SPRING SEMI-ANNUAL 2007
Ninth Avenue Terminal
Port of Oakland, California

PLATE 3

G:\jobdocs\133\133.023\Drawings\B133_023_03_rev3.dwg 5-31-07 10:21:46 AM Vtong

Port of Oakland
Project No. 133.023

SCIMW-33	01/10/07
Chlorobenzene	110 µg/L
Chlorethane	<1.4 µg/L
1,1-Di-Chloroethane	<0.7 µg/L
1,1-Di-Chloroethene	<0.7 µg/L
cis-1,2-Di-Chloroethene	<0.7 µg/L
trans-1,2-Di-Chloroethene	<0.7 µg/L
Trichloroethene	<0.7 µg/L
Vinyl Chloride	<0.7 µg/L

SCIMW-7	01/10/07	04/18/07
Chlorethane	2,600 µg/L	2,500 µg/L
1,1-Di-Chloroethane	10,000 µg/L	8,300 µg/L
cis-1,2-Di-Chloroethene	14,000 µg/L	14,000 µg/L
1,1,1-Trichloroethane	1,800 µg/L	1,400 µg/L
Vinyl Chloride	2,500 µg/L	2,900 µg/L
1,1-Di-Chloroethene	220 µg/L	150 µg/L
trans-1,2-Di-Chloroethene	290 µg/L	240 µg/L
Trichloroethene	180 µg/L	180 µg/L

LEGEND:

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

NORTH

0 150 300
FEET

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

VOC AND METALS CONCENTRATIONS
WINTER QUARTERLY AND SPRING SEMI-ANNUAL 2007
Ninth Avenue Terminal
Port of Oakland, California

PLATE 4

G:\jobdocs\133\133.023\Drawings\B133_023_04_rev1.dwg 5-31-07 10:23:09 AM Vtong

APPENDIX A
ACEH LETTER DATED JULY 22, 2004

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

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

July 22, 2004

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

Dear Ms. Heinze:

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

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

TECHNICAL COMMENTS

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

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

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 9th Ave. Terminal site, wp and reports exist for USTs,HF-02 and HF-17	a specific wp request will be sent pertaining to the solvent release(s)

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

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

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

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

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

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

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

NinthAve7_22_04

APPENDIX B
WELL SAMPLING FORMS

WELL SAMPLING FORM

PROJECT NAME: 9th Ave. Terminal
PROJECT NO.: 133.023
SAMPLED BY: Hana Zeldenberg
DATE: 1-9-07 through 1/10/07
WEATHER: light breeze, clear skies

WELL NO.: SC1MW-7
WELL CASING DIAMETER: 2"
TOC ELEVATION: 12.76

TOTAL DEPTH OF CASING (BTOC): 18.55 FEET

DEPTH TO GROUNDWATER (BTOC): 4.90 FEET

FEET OF WATER IN WELL: 13.65 FEET

CALCULATED PURGE VOLUME: 6.68 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: None

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER _____

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1600	16.99	6.37	12085	9.303	-136	4.89	
2.5	1603	17.78	6.46	8910	7.009	-160.7	4.05	Clear, Petroleum
5.0 gal	1006	17.36	6.51	14804	11.20	-147.5	3.46	odor
7.0 gal	1010	17.33	6.76	25944	19.12	-145.4	3.64	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.85 TIME SAMPLED: 1530 ~ma.

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / none — 40 ML	2 / none — LITER
1 / — Poly	1 / — OTHER

ANALYSES: (Note if any samples are field filtered)

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

MISC FIELD OBSERVATION: _____

FUGRO

WELL SAMPLING FORM

PROJECT NAME: KOT - 9th Ave Terminal
PROJECT NO.: 133.023
SAMPLED BY: Hana Zeidenberg
DATE: 1/9/07 through 1/10/07
WEATHER: Clear, slight breeze, sunny

WELL NO.: SCIMW-33
WELL CASING DIAMETER: 2"
TOC ELEVATION: 11.45

TOTAL DEPTH OF CASING (BTOC): 16.35 FEET
DEPTH TO GROUNDWATER (BTOC): 4.25 FEET
FEET OF WATER IN WELL: 12.10 FEET
MEASUREMENT METHOD: (ELECTRONIC SOUNDER) or OTHER ______

CALCULATED PURGE VOLUME: 5.92 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: None
PURGE METHOD: bailer

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1055	21.09	10.73	26266	18.40	-174.6	1.71	
0	1058	18.03	~~8~~ 6.73	7409	5.554	-86.7	3.76	clear, petroleum
4	1100	19.21	6.71	9270	6.905	-95.5	3.44	
6.5	1105	20.60	6.52	19655	13.95	-127.6	3.34	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.30 TIME SAMPLED: 1555

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:
/ none — 40 ML
/ none — LITER
/ — Poly
/ — OTHER

ANALYSES: (Note if any samples are field filtered)

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

MISC FIELD OBSERVATION: ______

ES-F50 WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal-KOT
PROJECT NO.: 133.0023
SAMPLED BY: Hana Zeidenberg
DATE: 4/18/07 - 4/19/07
WEATHER: Windy, sunny

WELL NO.: SCIMW-24
WELL CASING DIAMETER: 2"
TOC ELEVATION: 12.26

TOTAL DEPTH OF CASING (BTOC): 14.90 FEET
DEPTH TO GROUNDWATER (BTOC): 4.70 FEET
FEET OF WATER IN WELL: 10.20 FEET

CALCULATED PURGE VOLUME: 4.99 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: None
PURGE METHOD: Bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µMHOS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1111	16.25	6.45	34105	2.643	23.6	6.03	
1.5	1115	16.08	6.44	9230	7228	-151.2	4.57	Sulfur odor, light yellow
3	1120	16.12	6.45	11513	8.973	-135.4	4.32	Sulfur odor, yellow brown
5	1123	16.25	6.48	13322	10.51	-137.2	3.70	↓

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.73 TIME SAMPLED: 0950 4/19/07 JMA

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:
6 / VOAs — 40 ML
3 / Ambers — LITER
/ — Poly
/ — OTHER

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

MISC FIELD OBSERVATION: Will Purge SCIMW-24 & return to make sure well has recharged (80%)

Equipment	Serial No.	Calibration
Conductivity		✓
pH		✓
Turbidity		
Temperature		✓
		✓
		✓

YSI-600XLM 04

ES-F50 WELL SAMPLING FORM

PROJECT NAME:
PROJECT NO.: 133.023
SAMPLED BY: Hana Zeidenberg
DATE: 9/18/07
WEATHER: Sunny, slightly breezy

WELL NO.: SWMW-24
WELL CASING DIAMETER: 2"
TOC ELEVATION: 9.72

TOTAL DEPTH OF CASING (BTOC): 17.01 FEET

DEPTH TO GROUNDWATER (BTOC): 4.55 FEET

FEET OF WATER IN WELL: 12.46 FEET

CALCULATED PURGE VOLUME: 6.10 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: trace

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)	1144	19.62	6.67	1501	1.164	-122.4	3.55	strong diesel odor
2	1150	19.07	6.81	1692	1.239	-107.3	4.97	grayish brown
4	1155	19.04	6.79	1792	1.351	-103.6	0.54	↓
6.1	1200	18.90	6.80	1909	1.417	-92.1	3.53	↓

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.6 TIME SAMPLED: 1210 9/18/07

SAMPLING METHOD bailer

CONTAINERS / PRESERVATIVE:
6 / VOAs (40 ML) — 2 / Amber (LITER)
_____ / Poly — _____ / OTHER

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

MISC FIELD OBSERVATION: Diesel odor when opened well cap (covers PVC), VOAs are unpreserved
·Trace of free product

Equipment	Serial No.	Calibration
Conductivity		✓
pH		✓
Turbidity		✓
Temperature		✓
DO		✓
		✓

YSI - 600XLM-04

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

A N A L Y T I C A L R E P O R T

Prepared for:

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

Date: 29-JAN-07
Lab Job Number: 192046
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

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	192046
Client:	Fugro West, Inc.
Project:	133.023
Location:	9th Ave Terminal/POO(KOT)
Request Date:	01/11/07
Samples Received:	01/11/07

This hardcopy data package contains sample and QC results for two water samples, requested for the above referenced project on 01/11/07. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
SCIMW-7 (lab # 192046-001) had pH greater than 2. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
SCIMW-7 (lab # 192046-001) and SCIMW-33 (lab # 192046-002) had pH greater than 2. No other analytical problems were encountered.

Pesticides (EPA 8081A):
No analytical problems were encountered.

CHAIN OF CUSTODY

192046

PROJECT NAME: KOT 9th Avenue Terminal

PROJECT NO.: 133.023 LAB: C+T

PROJECT CONTACT: Jeri Alexander TURNAROUND: Normal - See Note on unpreserved VOAS.

SAMPLED BY: Hana Zeidenberg

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX: WATER	SOIL	AIR	CONTAINERS: VOA	LITER	PINT	TUBE	PRESERVATIVE: HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	SAMPLING DATE: MONTH	DAY	YEAR	TIME	NOTES	ANALYSIS REQUESTED: TCHd, mo w/ Si gel (8015m)	TVHg (8015m/8021B)	VOCs (8260B)	Pesticides (8081)
1	SC1MW-7	X			6		2					X		X	01	10	07	1530		X	X	X	X
2	SC1MW-33	X			3							X		X	01	10	07	1555				X	

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
[signature]	01/11/07 900	[signature]	1/11/07 900

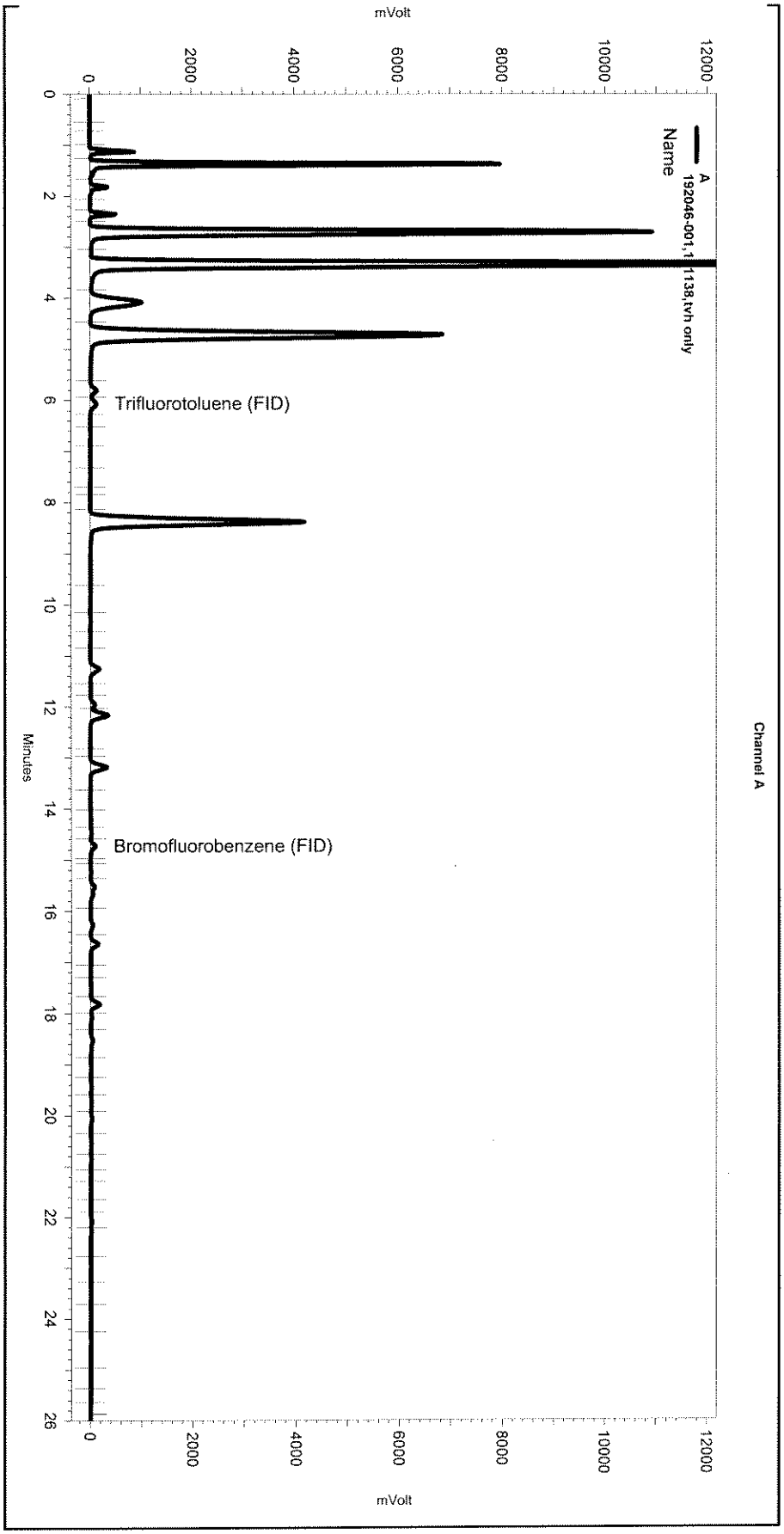
COMMENTS & NOTES:

VOAs are not preserved w/ HCl

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

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\011.seq**
Sample Name: **192046-001,121138,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\011_027**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe008.met

Software Version 3.1.7
Run Date: 1/12/2007 3:29:57 AM
Analysis Date: 1/12/2007 8:29:54 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: B7.0



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

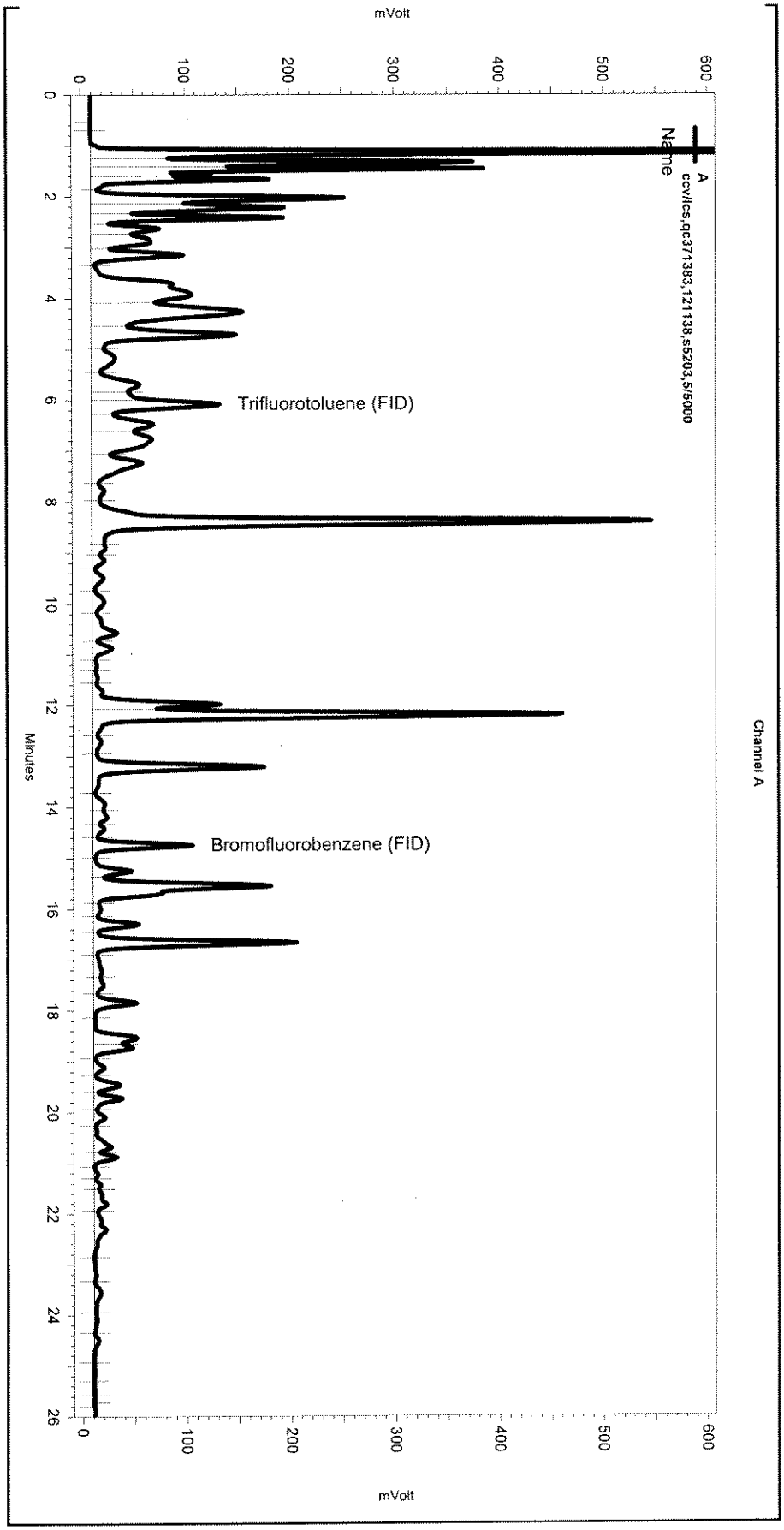
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\011_027

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.273	0	0
Yes	Split Peak	14.965	0	0

SCIMW-7

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\011.seq**
Sample Name: **ccv/lcs,qc371383,121138,s5203,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\011_002**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe008.met

Software Version 3.1.7
Run Date: 1/11/2007 9:51:11 AM
Analysis Date: 1/12/2007 8:28:17 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\011_002

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.007	0	0

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	192046	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	SCIMW-7	Batch#:	121138
Matrix:	Water	Sampled:	01/10/07
Units:	ug/L	Received:	01/11/07
Diln Fac:	1.000		

Type: SAMPLE
Lab ID: 192046-001
Analyzed: 01/12/07

Analyte	Result	RL
Gasoline C7-C12	3,800 Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	69-137
Bromofluorobenzene (FID)	119	80-133

Type: BLANK
Lab ID: QC371381
Analyzed: 01/11/07

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	69-137
Bromofluorobenzene (FID)	95	80-133

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

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	192046	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:	QC371383	Batch#:	121138
Matrix:	Water	Analyzed:	01/11/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,873	94	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	107	69-137
Bromofluorobenzene (FID)	109	80-133

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	192046	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	121138
MSS Lab ID:	192030-001	Sampled:	01/10/07
Matrix:	Water	Received:	01/11/07
Units:	ug/L	Analyzed:	01/11/07
Diln Fac:	1.000		

Type: MS Lab ID: QC371384

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	109.1	2,000	2,014	95	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	109	69-137
Bromofluorobenzene (FID)	107	80-133

Type: MSD Lab ID: QC371385

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,996	94	80-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	69-137
Bromofluorobenzene (FID)	104	80-133

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	192046	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	SCIMW-7	Sampled:	01/10/07
Matrix:	Water	Received:	01/11/07
Units:	ug/L	Prepared:	01/15/07
Diln Fac:	1.000	Analyzed:	01/16/07
Batch#:	121242		

Type: SAMPLE
Lab ID: 192046-001

Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	290 L Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	104	65-130

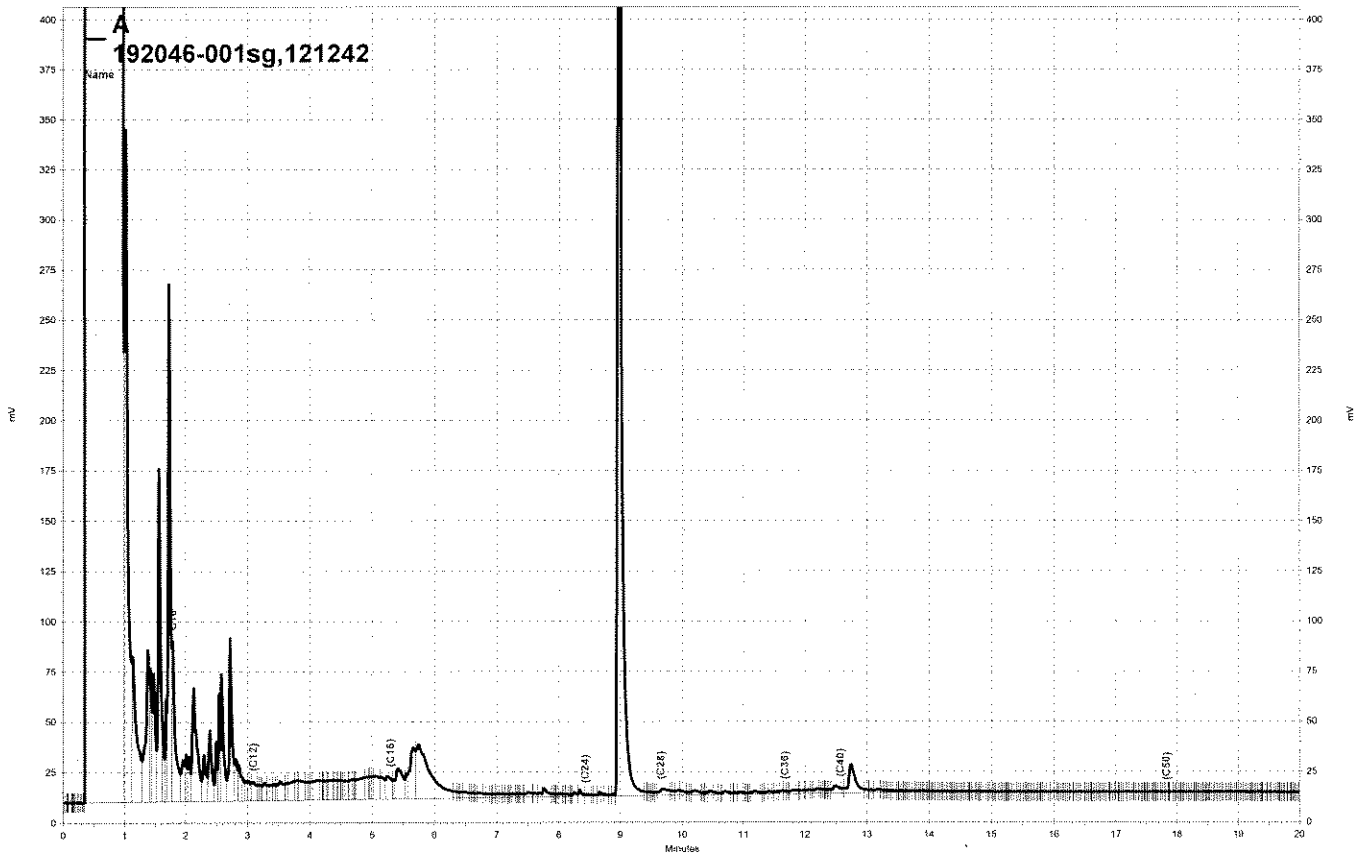
Type: BLANK
Lab ID: QC371785

Cleanup Method: EPA 3630C

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

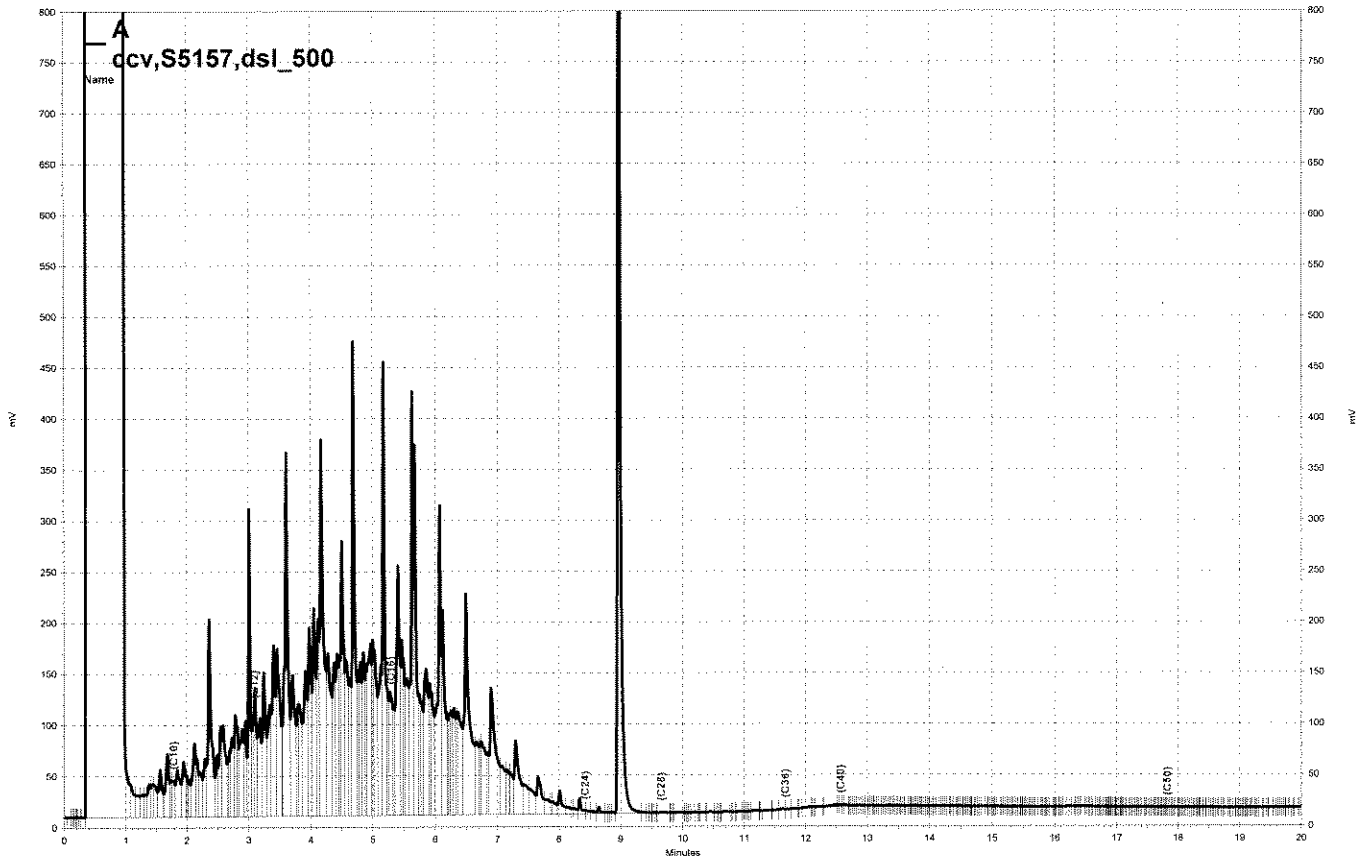
Surrogate	%REC	Limits
Hexacosane	108	65-130

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



\\Lims\gdrive\ezchrom\Projects\GC17A\Data\016a020, A

SC1MW-7



\\Lims\gdrive\ezchrom\Projects\GC17A\Data\016a008, A

Diesel

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	192046	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:	QC371786	Batch#:	121242
Matrix:	Water	Prepared:	01/15/07
Units:	ug/L	Analyzed:	01/16/07

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,778	111	61-133

Surrogate	%REC	Limits
Hexacosane	108	65-130

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	192046	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	121242
MSS Lab ID:	192030-001	Sampled:	01/10/07
Matrix:	Water	Received:	01/11/07
Units:	ug/L	Prepared:	01/15/07
Diln Fac:	1.000	Analyzed:	01/16/07

Type: MS Lab ID: QC371787

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	45.52	2,500	2,935	116	55-134

Surrogate	%REC	Limits
Hexacosane	111	65-130

Type: MSD Lab ID: QC371788

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,743	108	55-134	7	27

Surrogate	%REC	Limits
Hexacosane	99	65-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	192046	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	121228
Lab ID:	192046-001	Sampled:	01/10/07
Matrix:	Water	Received:	01/11/07
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	200.0		

Analyte	Result	RL
Freon 12	ND	200
Chloromethane	ND	200
Vinyl Chloride	2,500	100
Bromomethane	ND	200
Chloroethane	2,600	200
Trichlorofluoromethane	ND	200
Acetone	ND	2,000
Freon 113	ND	100
1,1-Dichloroethene	220	100
Methylene Chloride	ND	2,000
Carbon Disulfide	ND	100
MTBE	ND	100
trans-1,2-Dichloroethene	290	100
Vinyl Acetate	ND	2,000
1,1-Dichloroethane	10,000	100
2-Butanone	ND	2,000
cis-1,2-Dichloroethene	14,000	100
2,2-Dichloropropane	ND	100
Chloroform	ND	100
Bromochloromethane	ND	100
1,1,1-Trichloroethane	1,800	100
1,1-Dichloropropene	ND	100
Carbon Tetrachloride	ND	100
1,2-Dichloroethane	ND	100
Benzene	2,100	100
Trichloroethene	180	100
1,2-Dichloropropane	ND	100
Bromodichloromethane	ND	100
Dibromomethane	ND	100
4-Methyl-2-Pentanone	ND	2,000
cis-1,3-Dichloropropene	ND	100
Toluene	1,300	100
trans-1,3-Dichloropropene	ND	100
1,1,2-Trichloroethane	ND	100
2-Hexanone	ND	2,000
1,3-Dichloropropane	ND	100
Tetrachloroethene	ND	100

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	192046	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	121228
Lab ID:	192046-001	Sampled:	01/10/07
Matrix:	Water	Received:	01/11/07
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	200.0		

Analyte	Result	RL
Dibromochloromethane	ND	100
1,2-Dibromoethane	ND	100
Chlorobenzene	ND	100
1,1,1,2-Tetrachloroethane	ND	100
Ethylbenzene	ND	100
m,p-Xylenes	100	100
o-Xylene	ND	100
Styrene	ND	100
Bromoform	ND	200
Isopropylbenzene	ND	100
1,1,2,2-Tetrachloroethane	ND	100
1,2,3-Trichloropropane	ND	100
Propylbenzene	ND	100
Bromobenzene	ND	100
1,3,5-Trimethylbenzene	ND	100
2-Chlorotoluene	ND	100
4-Chlorotoluene	ND	100
tert-Butylbenzene	ND	100
1,2,4-Trimethylbenzene	ND	100
sec-Butylbenzene	ND	100
para-Isopropyl Toluene	ND	100
1,3-Dichlorobenzene	ND	100
1,4-Dichlorobenzene	ND	100
n-Butylbenzene	ND	100
1,2-Dichlorobenzene	ND	100
1,2-Dibromo-3-Chloropropane	ND	400
1,2,4-Trichlorobenzene	ND	100
Hexachlorobutadiene	ND	100
Naphthalene	ND	400
1,2,3-Trichlorobenzene	ND	100

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	104	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	192046	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-33	Batch#:	121228
Lab ID:	192046-002	Sampled:	01/10/07
Matrix:	Water	Received:	01/11/07
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	1.429		

Analyte	Result	RL
Freon 12	ND	1.4
Chloromethane	ND	1.4
Vinyl Chloride	ND	0.7
Bromomethane	ND	1.4
Chloroethane	ND	1.4
Trichlorofluoromethane	ND	1.4
Acetone	ND	14
Freon 113	ND	0.7
1,1-Dichloroethene	ND	0.7
Methylene Chloride	ND	14
Carbon Disulfide	ND	0.7
MTBE	ND	0.7
trans-1,2-Dichloroethene	ND	0.7
Vinyl Acetate	ND	14
1,1-Dichloroethane	ND	0.7
2-Butanone	ND	14
cis-1,2-Dichloroethene	ND	0.7
2,2-Dichloropropane	ND	0.7
Chloroform	ND	0.7
Bromochloromethane	ND	0.7
1,1,1-Trichloroethane	ND	0.7
1,1-Dichloropropene	ND	0.7
Carbon Tetrachloride	ND	0.7
1,2-Dichloroethane	ND	0.7
Benzene	0.9	0.7
Trichloroethene	ND	0.7
1,2-Dichloropropane	ND	0.7
Bromodichloromethane	ND	0.7
Dibromomethane	ND	0.7
4-Methyl-2-Pentanone	ND	14
cis-1,3-Dichloropropene	ND	0.7
Toluene	ND	0.7
trans-1,3-Dichloropropene	ND	0.7
1,1,2-Trichloroethane	ND	0.7
2-Hexanone	ND	14
1,3-Dichloropropane	ND	0.7
Tetrachloroethene	ND	0.7

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	192046	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-33	Batch#:	121228
Lab ID:	192046-002	Sampled:	01/10/07
Matrix:	Water	Received:	01/11/07
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	1.429		

Analyte	Result	RL
Dibromochloromethane	ND	0.7
1,2-Dibromoethane	ND	0.7
Chlorobenzene	110	0.7
1,1,1,2-Tetrachloroethane	ND	0.7
Ethylbenzene	ND	0.7
m,p-Xylenes	4.8	0.7
o-Xylene	ND	0.7
Styrene	ND	0.7
Bromoform	ND	1.4
Isopropylbenzene	ND	0.7
1,1,2,2-Tetrachloroethane	ND	0.7
1,2,3-Trichloropropane	ND	0.7
Propylbenzene	ND	0.7
Bromobenzene	ND	0.7
1,3,5-Trimethylbenzene	ND	0.7
2-Chlorotoluene	ND	0.7
4-Chlorotoluene	ND	0.7
tert-Butylbenzene	ND	0.7
1,2,4-Trimethylbenzene	0.8	0.7
sec-Butylbenzene	ND	0.7
para-Isopropyl Toluene	ND	0.7
1,3-Dichlorobenzene	ND	0.7
1,4-Dichlorobenzene	1.6	0.7
n-Butylbenzene	ND	0.7
1,2-Dichlorobenzene	2.1	0.7
1,2-Dibromo-3-Chloropropane	ND	2.9
1,2,4-Trichlorobenzene	ND	0.7
Hexachlorobutadiene	ND	0.7
Naphthalene	ND	2.9
1,2,3-Trichlorobenzene	ND	0.7

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	104	80-130
Toluene-d8	104	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	192046	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:	QC371730	Batch#:	121228
Matrix:	Water	Analyzed:	01/15/07
Units:	ug/L		

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

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	192046	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:	QC371730	Batch#:	121228
Matrix:	Water	Analyzed:	01/15/07
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	99	80-120
1,2-Dichloroethane-d4	102	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	100	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	192046	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	121228
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	1.000		

Type: BS Lab ID: QC371728

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	29.03	116	77-128
Benzene	25.00	24.78	99	80-120
Trichloroethene	25.00	25.34	101	80-120
Toluene	25.00	25.34	101	80-120
Chlorobenzene	25.00	24.28	97	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	99	80-122

Type: BSD Lab ID: QC371729

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	28.20	113	77-128	3	20
Benzene	25.00	25.11	100	80-120	1	20
Trichloroethene	25.00	24.85	99	80-120	2	20
Toluene	25.00	25.16	101	80-120	1	20
Chlorobenzene	25.00	24.25	97	80-120	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	100	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	192046	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Field ID:	SCIMW-7	Batch#:	121207
Lab ID:	192046-001	Sampled:	01/10/07
Matrix:	Water	Received:	01/11/07
Units:	ug/L	Prepared:	01/12/07
Diln Fac:	2.000	Analyzed:	01/24/07

Analyte	Result	RL
alpha-BHC	ND	0.09
beta-BHC	0.1 C	0.09
gamma-BHC	ND	0.09
delta-BHC	ND	0.09
Heptachlor	ND	0.09
Aldrin	ND	0.09
Heptachlor epoxide	ND	0.09
Endosulfan I	ND	0.09
Dieldrin	0.6	0.2
4,4'-DDE	0.3	0.2
Endrin	ND	0.2
Endosulfan II	ND	0.2
Endosulfan sulfate	ND	0.2
4,4'-DDD	3.3 C	0.2
Endrin aldehyde	ND	0.2
4,4'-DDT	ND	0.2
alpha-Chlordane	ND	0.09
gamma-Chlordane	ND	0.09
Methoxychlor	ND	0.9
Toxaphene	ND	1.9

Surrogate	%REC	Limits
TCMX	49	48-125
Decachlorobiphenyl	76	34-130

C= Presence confirmed, but RPD between columns exceeds 40%
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	192046	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:	QC371655	Batch#:	121207
Matrix:	Water	Prepared:	01/12/07
Units:	ug/L	Analyzed:	01/15/07

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	76	48-125
Decachlorobiphenyl	88	34-130

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	192046	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Matrix:	Water	Batch#:	121207
Units:	ug/L	Prepared:	01/12/07
Diln Fac:	1.000	Analyzed:	01/15/07

Type: BS Lab ID: QC371656

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.2302	115	67-126
Heptachlor	0.2000	0.2029	101	62-122
Aldrin	0.2000	0.1939	97	65-120
Dieldrin	0.4000	0.4489	112	68-130
Endrin	0.4000	0.4398	110	54-133
4,4'-DDT	0.4000	0.4628	116	56-131

Surrogate	%REC	Limits
TCMX	75	48-125
Decachlorobiphenyl	105	34-130

Type: BSD Lab ID: QC371657

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.2000	0.2154	108	67-126	7	21
Heptachlor	0.2000	0.1896	95	62-122	7	26
Aldrin	0.2000	0.1867	93	65-120	4	21
Dieldrin	0.4000	0.4271	107	68-130	5	21
Endrin	0.4000	0.4171	104	54-133	5	38
4,4'-DDT	0.4000	0.4225	106	56-131	9	30

Surrogate	%REC	Limits
TCMX	75	48-125
Decachlorobiphenyl	94	34-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 194256

Fugro West, Inc.	Project : 133.023
1000 Broadway	Location : 9th Ave Terminal/POO(KOT)
Oakland, CA 94607	Level : II

Sample ID	Lab ID
SCIMW-7	194256-001
SCIMW-24	194256-002

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.

Signature: _____ Date: 05/10/2007
Project Manager

Signature: _____ Date: 05/10/2007
Operations Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	194256
Client:	Fugro West, Inc.
Project:	133.023
Location:	9th Ave Terminal/POO(KOT)
Request Date:	04/19/07
Samples Received:	04/19/07

This hardcopy data package contains sample and QC results for two water samples, requested for the above referenced project on 04/19/07. 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):
Low recovery was observed for trichloroethene in the MSD for batch 124463; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits. No other analytical problems were encountered.

Pesticides (EPA 8081A):
No analytical problems were encountered.

ES-F10 CHAIN OF CUSTODY

194256

PROJECT NAME: 9th Avenue Terminal - KOT

PROJECT NO.: 133.023 LAB: C&T

PROJECT CONTACT: Jeri Alexander TURNAROUND: Standard

SAMPLED BY: Hanako Zeidenberg

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX				CONTAINERS						PRESERVATIVE						SAMPLING DATE										NOTES	ANALYSIS REQUESTED									
		WATER	SOIL	AIR		VOA	LITER	PINT	TUBE			HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	MONTH		DAY		YEAR		TIME					TEHd, mo w/ silica gel (8015m)	TVHg (8015m/8020)	TVHg, BTEX (8015m/8020)	VOCs (8260/8040)	MTBE (8260)	Pesticides (8080)				
-1	SCIMW-7	X				6	3								X			0	4	1	8	0	7	1	2	1	0		X	X		X		X				
-2	SCIMW-24	X				6	2								X			0	4	1	9	0	7	0	9	5	0		X		X		X				

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
Hanako Zeidenberg	4/19/07 1105		4-19-07 1105
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

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

Approved by Glenn Young, AC 62 Manager, Fugro West, Inc. 10/13/06
Note: If this is a printed copy, please check the online QMS to ensure that it is the latest version.

Samples Sold & Intact

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	194256	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023		
Matrix:	Water	Sampled:	04/18/07
Units:	ug/L	Received:	04/19/07
Batch#:	124353	Analyzed:	04/19/07

Field ID: SCIMW-7
Type: SAMPLE
Lab ID: 194256-001
Diln Fac: 1.000
Analysis: EPA 8015B

Analyte	Result	RL
Gasoline C7-C12	6,400 Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	72-136
Bromofluorobenzene (FID)	121	78-131

Field ID: SCIMW-24
Type: SAMPLE
Lab ID: 194256-002
Diln Fac: 10.00

Analyte	Result	RL	Analysis
Gasoline C7-C12	9,100 Y	500	EPA 8015B
MTBE	ND	20	EPA 8021B
Benzene	1,200	5.0	EPA 8021B
Toluene	40	5.0	EPA 8021B
Ethylbenzene	22	5.0	EPA 8021B
m,p-Xylenes	46	5.0	EPA 8021B
o-Xylene	12 C	5.0	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	113	72-136	EPA 8015B
Bromofluorobenzene (FID)	125	78-131	EPA 8015B
Trifluorotoluene (PID)	124	63-140	EPA 8021B
Bromofluorobenzene (PID)	117	78-121	EPA 8021B

Type: BLANK
Lab ID: QC384374
Diln Fac: 1.000

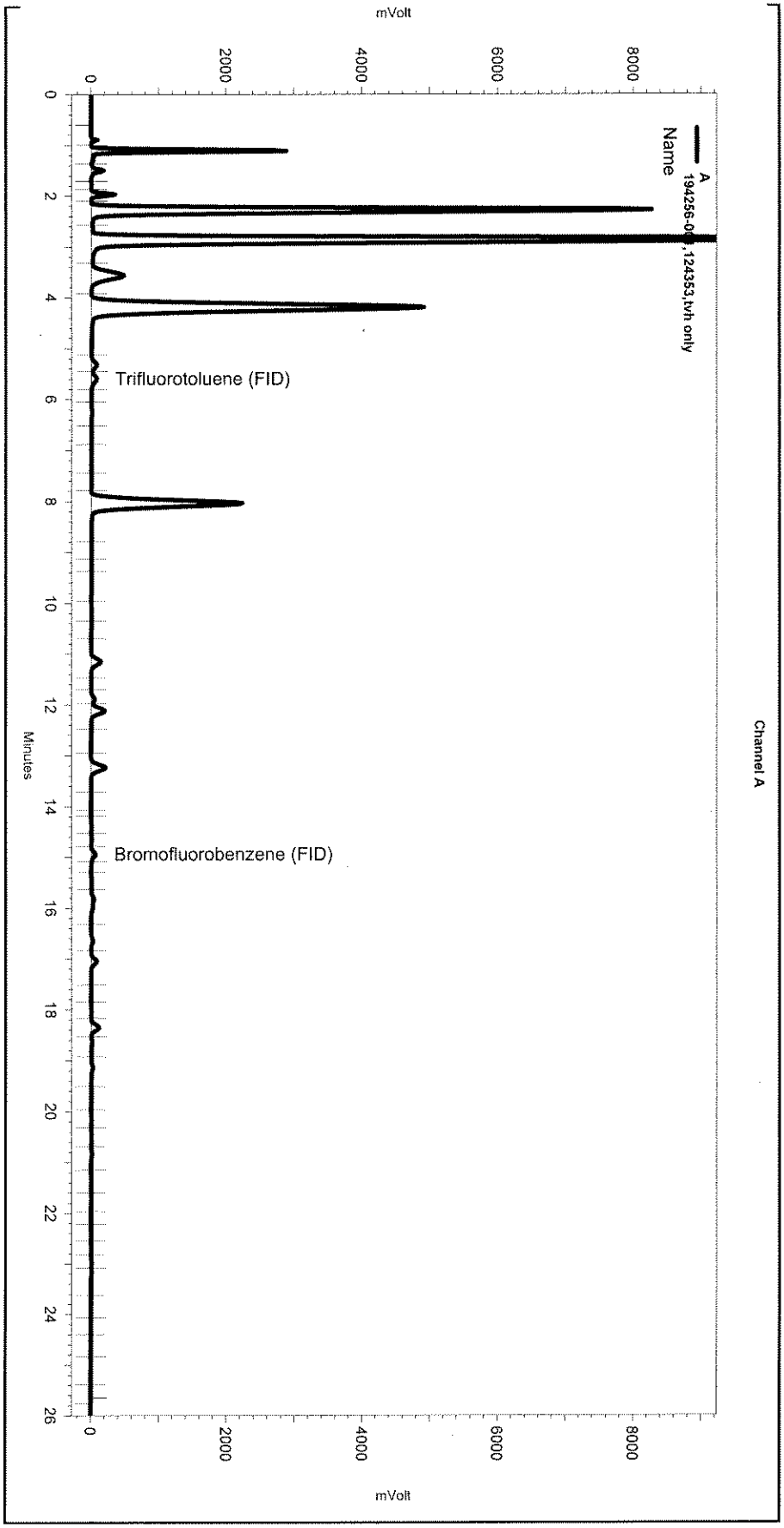
Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
MTBE	ND	2.0	EPA 8021B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	93	72-136	EPA 8015B
Bromofluorobenzene (FID)	94	78-131	EPA 8015B
Trifluorotoluene (PID)	90	63-140	EPA 8021B
Bromofluorobenzene (PID)	94	78-121	EPA 8021B

C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC05\Sequence\109.seq
Sample Name: **194256-001,124353,tvh only**
Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\109_011
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe106.met

Software Version 3.1.7
Run Date: 4/19/2007 4:52:57 PM
Analysis Date: 4/20/2007 8:54:47 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: A7.0



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

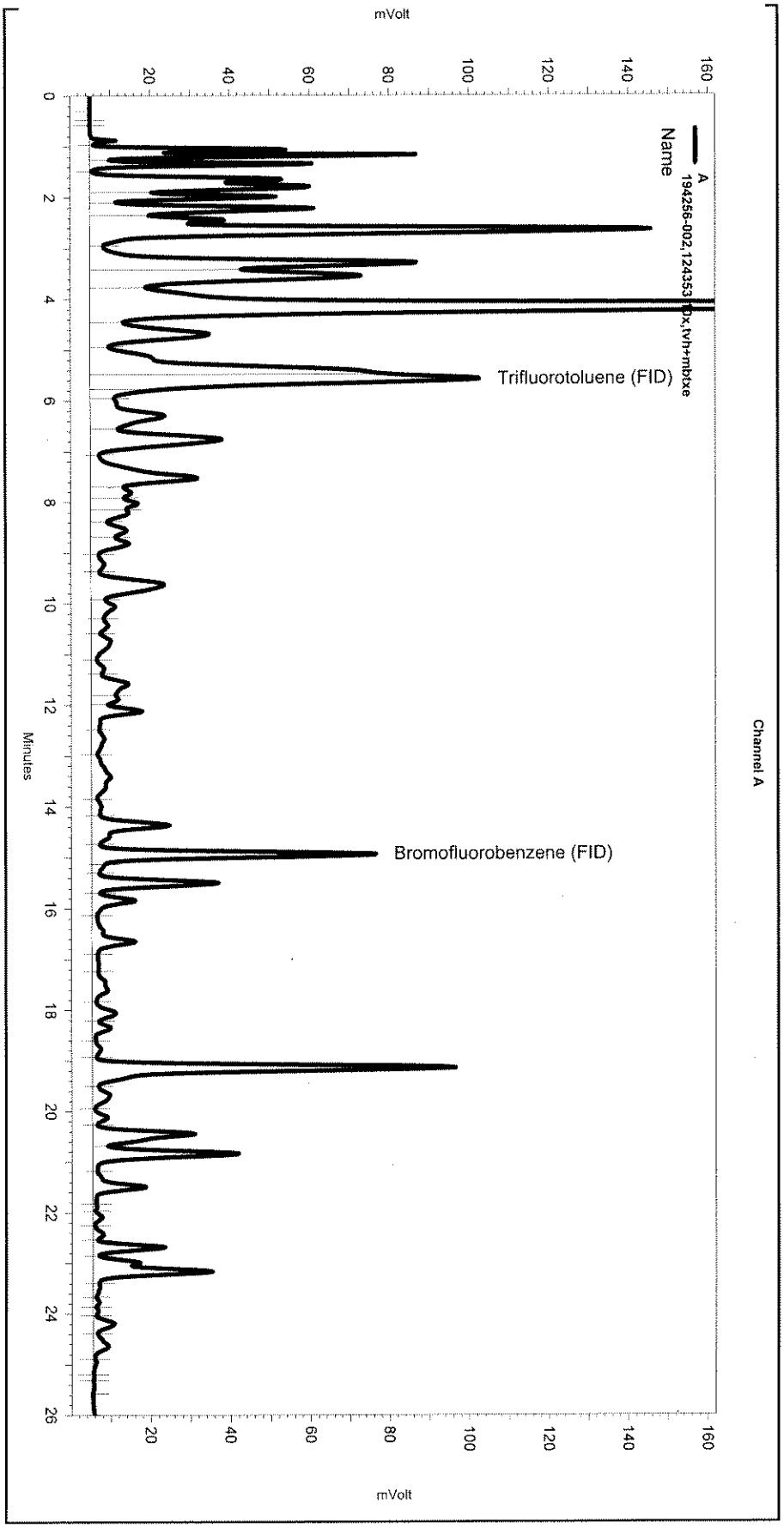
Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\109_011

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.796	0	0
Yes	Split Peak	15.089	0	0

MW-7

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\109.seq**
Sample Name: **194256-002,124353,10x,tvh+mbtxe**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\109_012**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe106.met

Software Version 3.1.7
Run Date: 4/19/2007 6:06:33 PM
Analysis Date: 4/20/2007 8:54:51 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: B7.0



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

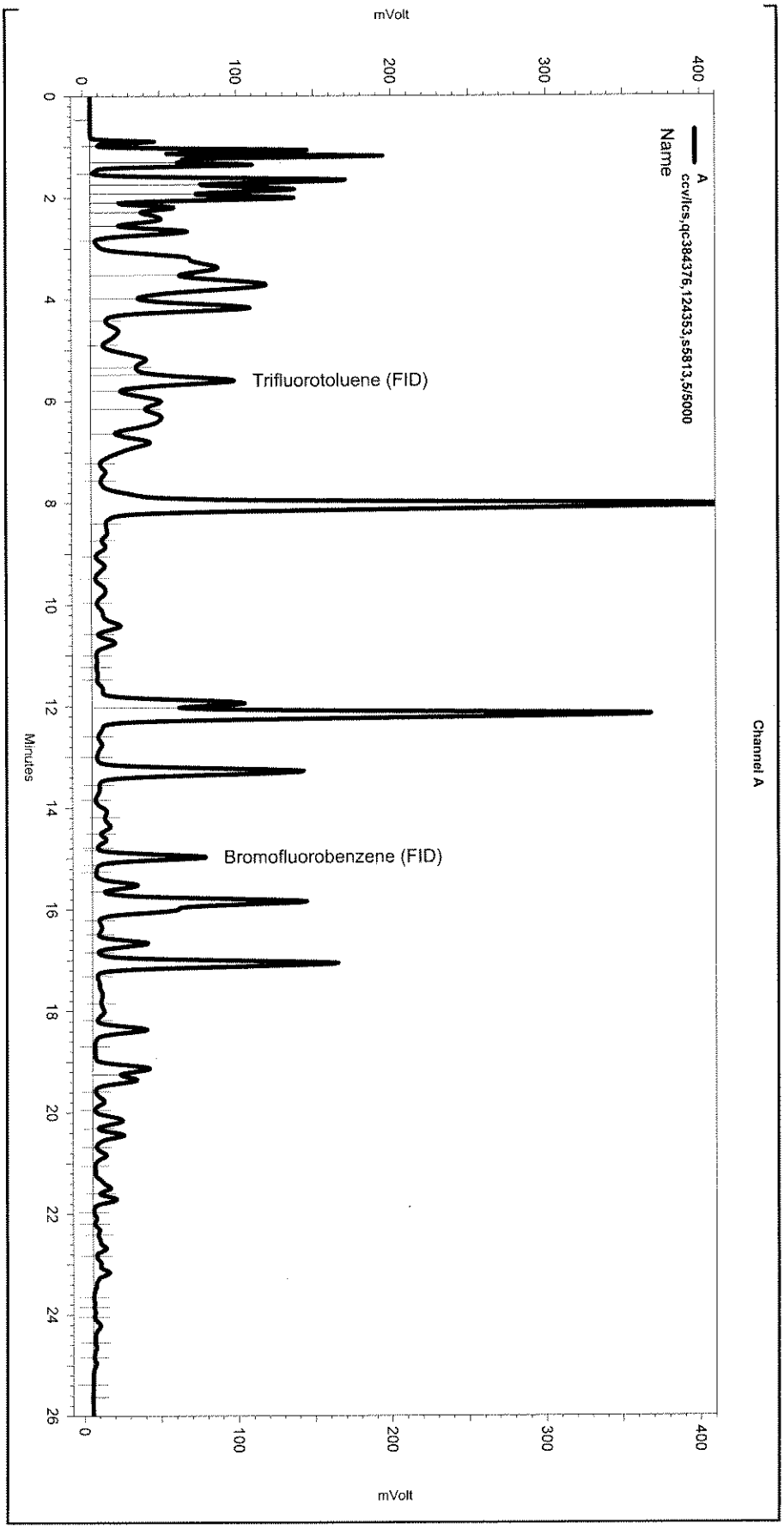
Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\109_012

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.491	0	0
Yes	Split Peak	5.767	0	0
Yes	Split Peak	15.127	0	0

MW-24

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\109.seq**
Sample Name: **ccv/lcs,qc384376,124353,s5813,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\109_003**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe106.met

Software Version 3.1.7
Run Date: 4/19/2007 11:33:11 AM
Analysis Date: 4/20/2007 8:54:12 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\109_003

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.485	0	0
Yes	Split Peak	14.836	0	0
Yes	Split Peak	15.125	0	0

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	194256	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:	QC384375	Batch#:	124353
Matrix:	Water	Analyzed:	04/19/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
MTBE	20.00	17.82	89	73-125
Benzene	20.00	20.31	102	79-120
Toluene	20.00	19.71	99	80-120
Ethylbenzene	20.00	20.73	104	80-120
m,p-Xylenes	20.00	20.59	103	80-120
o-Xylene	20.00	20.83	104	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	102	63-140
Bromofluorobenzene (PID)	112	78-121

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	194256	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:	QC384376	Batch#:	124353
Matrix:	Water	Analyzed:	04/19/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,911	96	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	72-136
Bromofluorobenzene (FID)	125	78-131

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	194256	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	124353
MSS Lab ID:	194237-005	Sampled:	04/18/07
Matrix:	Water	Received:	04/18/07
Units:	ug/L	Analyzed:	04/19/07
Diln Fac:	1.000		

Type: MS Lab ID: QC384377

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	18.67	2,000	2,008	99	79-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	104	72-136
Bromofluorobenzene (FID)	122	78-131

Type: MSD Lab ID: QC384378

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,081	103	79-120	4	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	107	72-136
Bromofluorobenzene (FID)	125	78-131

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	194256	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	04/18/07
Units:	ug/L	Received:	04/19/07
Diln Fac:	1.000	Prepared:	04/20/07
Batch#:	124391		

Field ID: SCIMW-7
Type: SAMPLE
Lab ID: 194256-001

Analyzed: 04/23/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	380 L Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	83	61-134

Field ID: SCIMW-24
Type: SAMPLE
Lab ID: 194256-002

Analyzed: 04/23/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	8,200 H L Y	50
Motor Oil C24-C36	6,300 L	300

Surrogate	%REC	Limits
Hexacosane	97	61-134

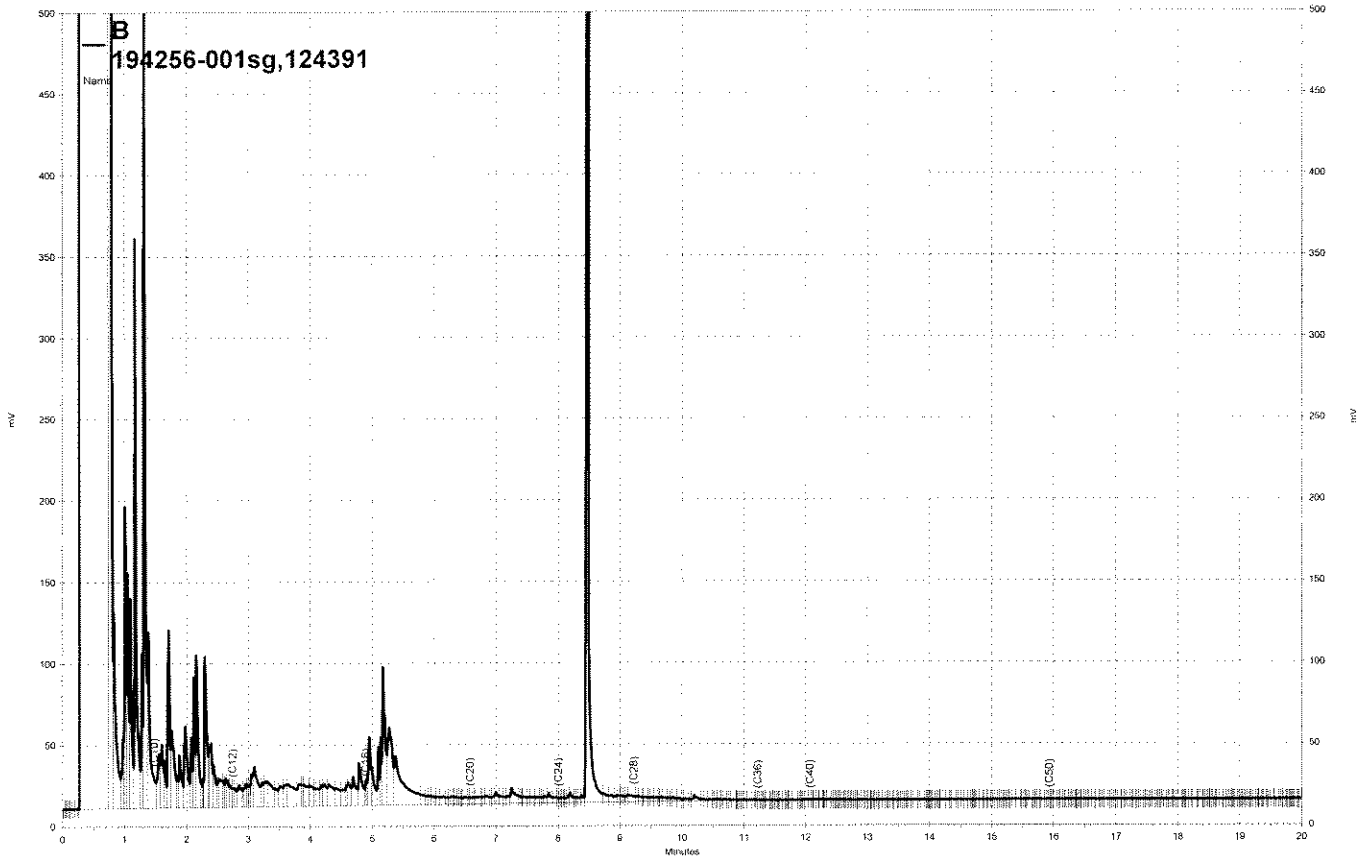
Type: BLANK
Lab ID: QC384534

Analyzed: 04/22/07
Cleanup Method: EPA 3630C

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

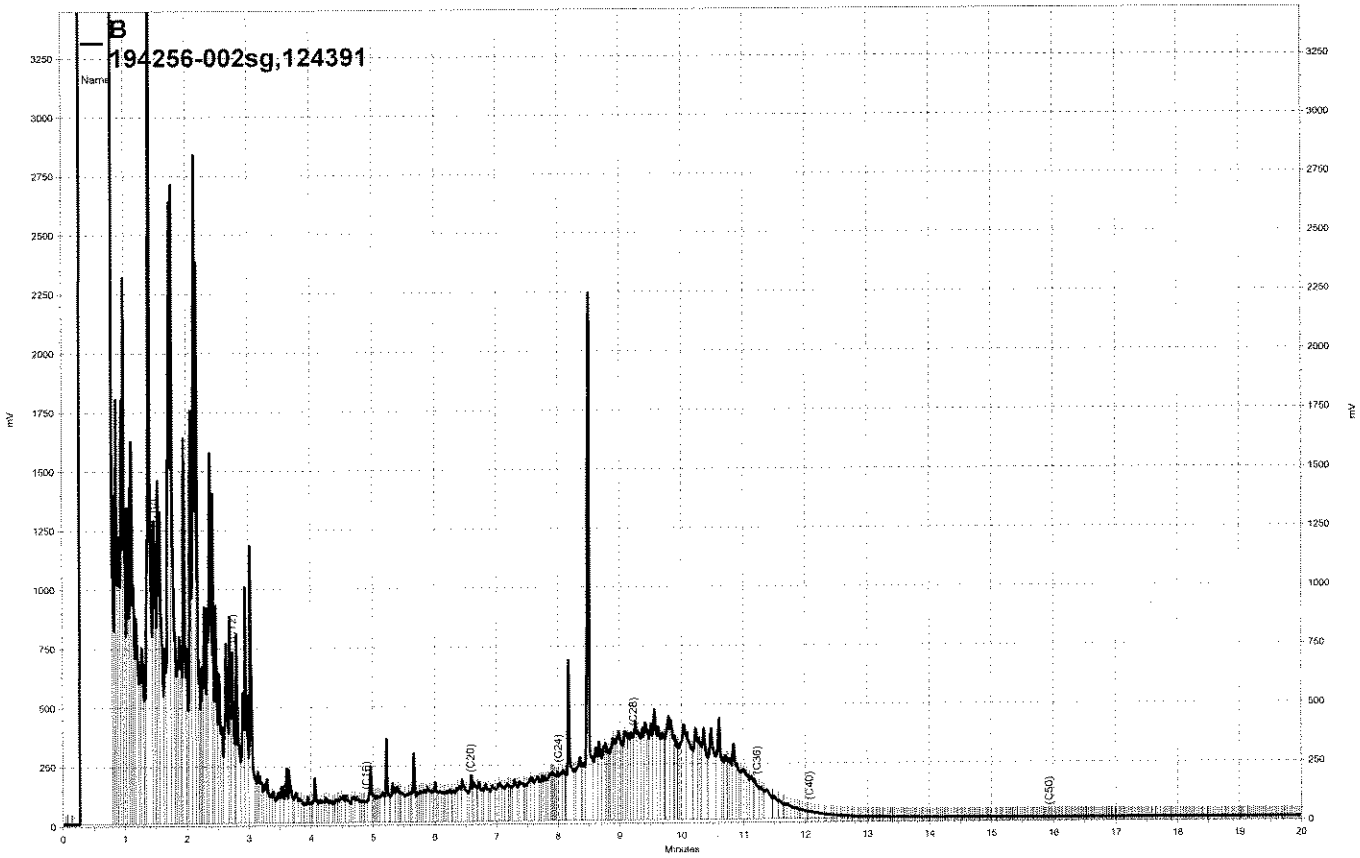
Surrogate	%REC	Limits
Hexacosane	87	61-134

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



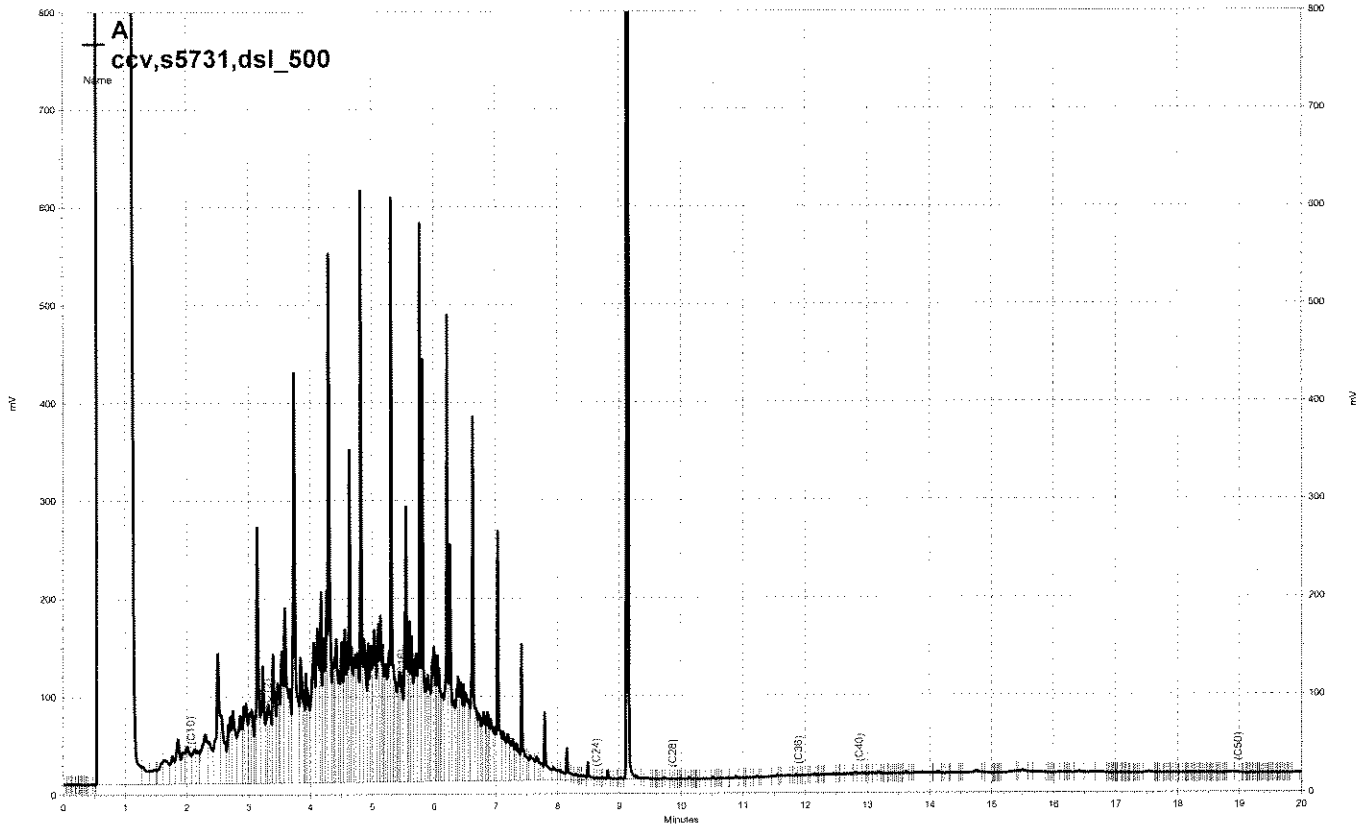
\\Lims\gdrive\ezchrom\Projects\GC14B\Data\112b029, B

MW-7



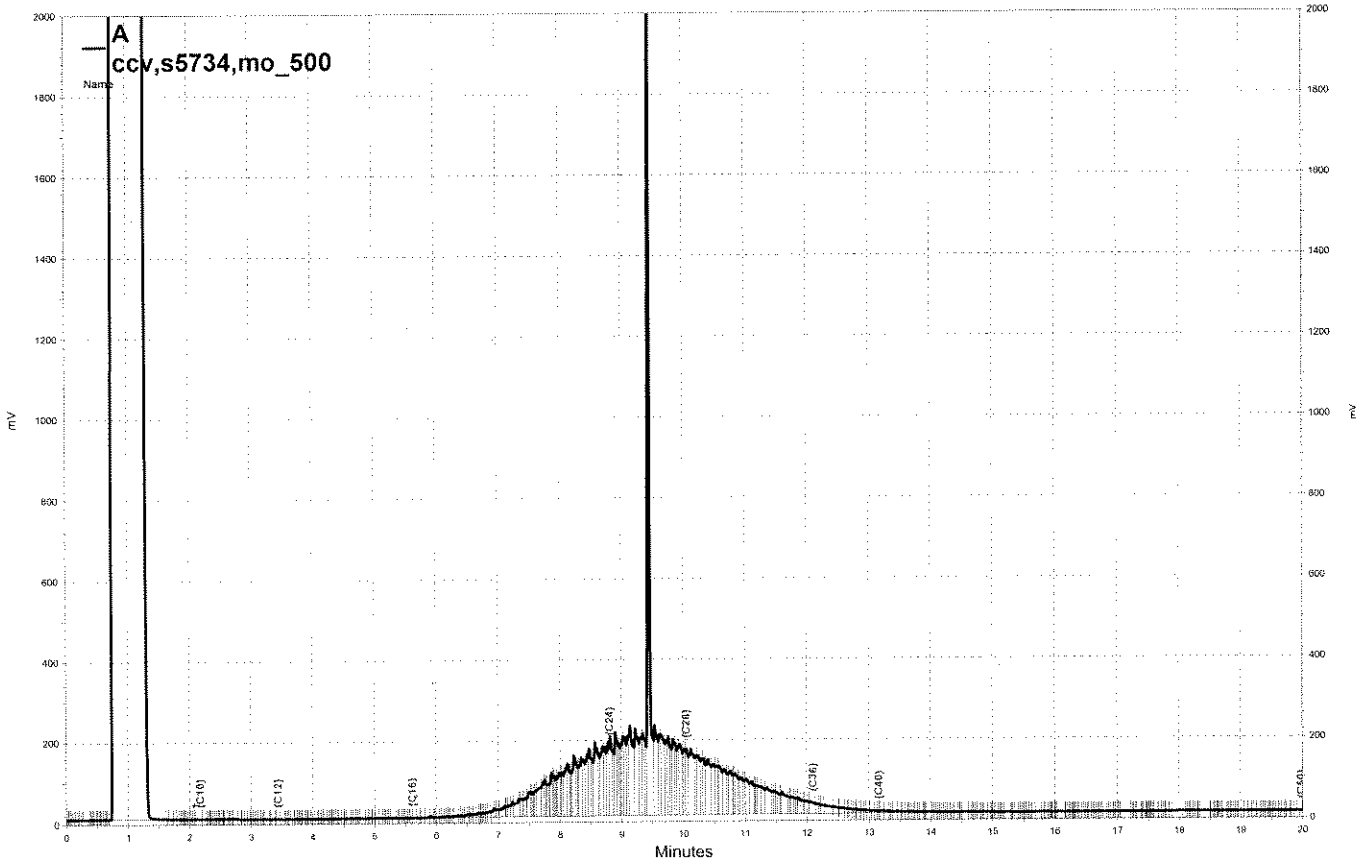
\\Lims\gdrive\ezchrom\Projects\GC14B\Data\112b030, B

MW-24



\\Lims\gdrive\ezchrom\Projects\GC11A\Data\112a003, A

Diesel



\\Lims\gdrive\ezchrom\Projects\GC17A\Data\112a004, A

motor oil

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194256	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:	QC384535	Batch#:	124391
Matrix:	Water	Prepared:	04/20/07
Units:	ug/L	Analyzed:	04/22/07

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,520	101	58-130

Surrogate	%REC	Limits
Hexacosane	104	61-134

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194256	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	124391
MSS Lab ID:	194237-005	Sampled:	04/18/07
Matrix:	Water	Received:	04/18/07
Units:	ug/L	Prepared:	04/20/07
Diln Fac:	1.000	Analyzed:	04/22/07

Type: MS
Lab ID: QC384536

Cleanup Method: EPA 3630C

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	41.02	2,500	2,539	100	57-134

Surrogate	%REC	Limits
Hexacosane	105	61-134

Type: MSD
Lab ID: QC384537

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,820	111	57-134	10	32

Surrogate	%REC	Limits
Hexacosane	116	61-134

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	194256	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	124463
Lab ID:	194256-001	Sampled:	04/18/07
Matrix:	Water	Received:	04/19/07
Units:	ug/L	Analyzed:	04/24/07
Diln Fac:	250.0		

Analyte	Result	RL
Freon 12	ND	250
Chloromethane	ND	250
Vinyl Chloride	2,900	130
Bromomethane	ND	250
Chloroethane	2,500	250
Trichlorofluoromethane	ND	250
Acetone	ND	2,500
Freon 113	ND	130
1,1-Dichloroethene	150	130
Methylene Chloride	ND	2,500
Carbon Disulfide	ND	130
MTBE	ND	130
trans-1,2-Dichloroethene	240	130
Vinyl Acetate	ND	2,500
1,1-Dichloroethane	8,300	130
2-Butanone	ND	2,500
cis-1,2-Dichloroethene	14,000	130
2,2-Dichloropropane	ND	130
Chloroform	ND	130
Bromochloromethane	ND	130
1,1,1-Trichloroethane	1,400	130
1,1-Dichloropropene	ND	130
Carbon Tetrachloride	ND	130
1,2-Dichloroethane	ND	130
Benzene	2,000	130
Trichloroethene	180	130
1,2-Dichloropropane	ND	130
Bromodichloromethane	ND	130
Dibromomethane	ND	130
4-Methyl-2-Pentanone	ND	2,500
cis-1,3-Dichloropropene	ND	130
Toluene	960	130
trans-1,3-Dichloropropene	ND	130
1,1,2-Trichloroethane	ND	130
2-Hexanone	ND	2,500
1,3-Dichloropropane	ND	130
Tetrachloroethene	ND	130

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	194256	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	124463
Lab ID:	194256-001	Sampled:	04/18/07
Matrix:	Water	Received:	04/19/07
Units:	ug/L	Analyzed:	04/24/07
Diln Fac:	250.0		

Analyte	Result	RL
Dibromochloromethane	ND	130
1,2-Dibromoethane	ND	130
Chlorobenzene	ND	130
1,1,1,2-Tetrachloroethane	ND	130
Ethylbenzene	ND	130
m,p-Xylenes	ND	130
o-Xylene	ND	130
Styrene	ND	130
Bromoform	ND	250
Isopropylbenzene	ND	130
1,1,2,2-Tetrachloroethane	ND	130
1,2,3-Trichloropropane	ND	130
Propylbenzene	ND	130
Bromobenzene	ND	130
1,3,5-Trimethylbenzene	ND	130
2-Chlorotoluene	ND	130
4-Chlorotoluene	ND	130
tert-Butylbenzene	ND	130
1,2,4-Trimethylbenzene	ND	130
sec-Butylbenzene	ND	130
para-Isopropyl Toluene	ND	130
1,3-Dichlorobenzene	ND	130
1,4-Dichlorobenzene	ND	130
n-Butylbenzene	ND	130
1,2-Dichlorobenzene	ND	130
1,2-Dibromo-3-Chloropropane	ND	500
1,2,4-Trichlorobenzene	ND	130
Hexachlorobutadiene	ND	130
Naphthalene	ND	500
1,2,3-Trichlorobenzene	ND	130

Surrogate	%REC	Limits
Dibromofluoromethane	85	80-123
1,2-Dichloroethane-d4	104	79-134
Toluene-d8	96	80-120
Bromofluorobenzene	105	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	194256	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:	QC384836	Batch#:	124463
Matrix:	Water	Analyzed:	04/24/07
Units:	ug/L		

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

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	194256	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:	QC384836	Batch#:	124463
Matrix:	Water	Analyzed:	04/24/07
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	96	80-123
1,2-Dichloroethane-d4	103	79-134
Toluene-d8	98	80-120
Bromofluorobenzene	104	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	194256	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	124463
Units:	ug/L	Analyzed:	04/24/07
Diln Fac:	1.000		

Type: BS Lab ID: QC384837

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	26.68	107	80-132
Benzene	25.00	25.74	103	80-120
Trichloroethene	25.00	25.72	103	80-120
Toluene	25.00	26.31	105	80-120
Chlorobenzene	25.00	26.82	107	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	91	80-123
1,2-Dichloroethane-d4	102	79-134
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-122

Type: BSD Lab ID: QC384838

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	27.05	108	80-132	1	20
Benzene	25.00	25.04	100	80-120	3	20
Trichloroethene	25.00	25.60	102	80-120	0	20
Toluene	25.00	25.96	104	80-120	1	20
Chlorobenzene	25.00	26.60	106	80-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	85	80-123
1,2-Dichloroethane-d4	102	79-134
Toluene-d8	99	80-120
Bromofluorobenzene	101	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	194256	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	124463
MSS Lab ID:	194290-002	Sampled:	04/17/07
Matrix:	Water	Received:	04/20/07
Units:	ug/L	Analyzed:	04/24/07
Diln Fac:	1.429		

Type: MS Lab ID: QC384866

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.2493	35.71	37.85	106	80-139
Benzene	<0.1464	35.71	35.92	101	80-123
Trichloroethene	103.3	35.71	130.4	76	75-129
Toluene	<0.1219	35.71	36.27	102	80-122
Chlorobenzene	<0.1401	35.71	37.56	105	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	87	80-123
1,2-Dichloroethane-d4	105	79-134
Toluene-d8	98	80-120
Bromofluorobenzene	104	80-122

Type: MSD Lab ID: QC384867

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	35.71	34.93	98	80-139	8	20
Benzene	35.71	35.08	98	80-123	2	20
Trichloroethene	35.71	126.1	64 *	75-129	3	20
Toluene	35.71	35.71	100	80-122	2	20
Chlorobenzene	35.71	37.15	104	80-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	83	80-123
1,2-Dichloroethane-d4	103	79-134
Toluene-d8	98	80-120
Bromofluorobenzene	102	80-122

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	194256	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Field ID:	SCIMW-7	Batch#:	124409
Lab ID:	194256-001	Sampled:	04/18/07
Matrix:	Water	Received:	04/19/07
Units:	ug/L	Prepared:	04/21/07
Diln Fac:	5.000	Analyzed:	04/25/07

Analyte	Result	RL
alpha-BHC	ND	0.3
beta-BHC	ND	0.3
gamma-BHC	ND	0.3
delta-BHC	ND	0.3
Heptachlor	ND	0.3
Aldrin	ND	0.3
Heptachlor epoxide	ND	0.3
Endosulfan I	ND	0.3
Dieldrin	ND	0.5
4,4'-DDE	ND	0.5
Endrin	ND	0.5
Endosulfan II	ND	0.5
Endosulfan sulfate	ND	0.5
4,4'-DDD	2.7	0.5
Endrin aldehyde	ND	0.5
4,4'-DDT	ND	0.5
alpha-Chlordane	ND	0.3
gamma-Chlordane	ND	0.3
Methoxychlor	ND	2.5
Toxaphene	ND	5.1

Surrogate	%REC	Limits
TCMX	63	44-120
Decachlorobiphenyl	70	44-131

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	194256	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:	QC384606	Batch#:	124409
Matrix:	Water	Prepared:	04/21/07
Units:	ug/L	Analyzed:	04/23/07

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	82	44-120
Decachlorobiphenyl	86	44-131

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	194256	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Matrix:	Water	Batch#:	124409
Units:	ug/L	Prepared:	04/21/07
Diln Fac:	1.000	Analyzed:	04/24/07

Type: BS Lab ID: QC384607

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.1804	90	65-123
Heptachlor	0.2000	0.1714	86	56-128
Aldrin	0.2000	0.1745	87	53-120
Dieldrin	0.4000	0.3463	87	65-127
Endrin	0.4000	0.3159	79	60-127
4,4'-DDT	0.4000	0.3645	91	48-135

Surrogate	%REC	Limits
TCMX	82	44-120
Decachlorobiphenyl	81	44-131

Type: BSD Lab ID: QC384608

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.2000	0.1764	88	65-123	2	22
Heptachlor	0.2000	0.1653	83	56-128	4	27
Aldrin	0.2000	0.1682	84	53-120	4	23
Dieldrin	0.4000	0.3378	84	65-127	2	23
Endrin	0.4000	0.2811	70	60-127	12	27
4,4'-DDT	0.4000	0.3519	88	48-135	4	30

Surrogate	%REC	Limits
TCMX	76	44-120
Decachlorobiphenyl	85	44-131

RPD= Relative Percent Difference

APPENDIX D
WASTE MANIFESTS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAL000213428 | 2. Page 1 of: 1 | 3. Emergency Response Phone: NRCES 510-749-1390 | 4. Manifest Tracking Number: 002083718 JJK

GENERATOR

5. Generator's Name and Mailing Address: PORT OF OAKLAND, 530 WATER STREET, OAKLAND CA 94607 — Attn: JEFF RUBIN
Generator's Site Address (if different than mailing address): CA
Generator's Phone: 510 627-1134

6. Transporter 1 Company Name: NRC ENVIRONMENTAL SERVICES INC.
U.S. EPA ID Number: CAR000030114

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Crosby & Overton, Inc., 1630 W. 17th Street, Long Beach CA 90813
Facility's Phone: 562 432-5445
U.S. EPA ID Number: CAD028409018

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA Hazardous Waste Liquid (Purge Water)	001	DM	055	G	181
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
USE PROPER PPE
JOB#/ PO#: 20575 TO#07CRE02 WO#: 301966
D314126

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JEFFREY L. RUBIN — AGENT ONBEHALF OF PORT OF OAKLAND | Signature | Month 03 | Day 15 | Year 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: RATISHEKAR SONDUR | Signature | Month 03 | Day 15 | Year 07

Transporter 2 Printed/Typed Name: | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

THE REFERENCED WASTE WAS RECEIVED, HANDLED AND STORED FOR SUBSEQUENT OFFSITE DISPOSAL, TREATMENT OR REUSE. CROSBY & OVERTON, INC. OPERATES THE FACILITY UNDER PERMITS GRANTED TO THEM, BY THE DEPARTMENT OF TOXIC SUBSTANCE CONTROL, TOGETHER WITH THE ENVIRONMENTAL PROTECTION AGENCY IN ACCORDANCE WITH THE PROVISIONS OF THE RESOURCE CONSERVATION AND RECOVERY ACT OF 1976 TOGETHER WITH APPLICABLE FEDERAL AND STATE REGULATIONS. CROSBY & OVERTON HAS ALL OF THE NECESSARY PERMITS TO ACCEPT THE REFERENCED WASTE AND ALL THE WASTE HAS BEEN HANDLED ACCORDINGLY

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H135			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [illegible] | Signature | Month 03 | Day 22 | Year 07

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAL000213428
2. Page 1 of: 2
3. Emergency Response Phone: NRCES 510 749-1390
4. Manifest Tracking Number: 002078060 JJK

5. Generator's Name and Mailing Address: ATT: JEFF RUBIN
PORT OF OAKLAND
530 WATER STREET
OAKLAND CA 94607
Generator's Phone: 510 627-1134

Generator's Site Address (if different than mailing address):
PORT OF OAKLAND 9TH AVE TERMINAL
9TH AVE TERMINAL
OAKLAND CA 94606

6. Transporter 1 Company Name: NRC ENVIRONMENTAL SERVICES INC.
U.S. EPA ID Number: CAR000030114

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: Crosby & Overton, Inc.
1630 W. 17th Street
Long Beach CA 90813
Facility's Phone: 562 432-5445
U.S. EPA ID Number: CAD028409019

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. ~~NON RCRA HAZARDOUS WASTE LIQUID (PURGE WATER WITH HYDROCARBONS)~~ (PROFILE# 64352) HAZARDOUS WASTE liquid, NOS (vinyl chloride) 9, UN3082, IG III LFST	001	DM	00015	G	134	D043	
	2.		DM					
	3.		DM					
	4.		DM					

14. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT
JOB#: 27375 PO#: TO#: 07-CRE-02 WO#: 201966

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jeffrey L. Rubin AGENT ON BEHALF OF PORT OF OAKLAND
Signature:
Month: 06 Day: 27 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel Lanning
Signature:
Month: 06 Day: 27 Year: 07

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)