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TRANSMITTAL

February 22, 2007
Project No. 133.023

Alameda County
FEB 23 2007
Environmental Health

Alameda County Health Care Services Agency
Dept. of Environmental Health
1131 Harbor Bay Parkway, Second Floor
Alameda, CA 94502

Attention: Mr. Barney Chan:

Subject: Groundwater Monitoring Report Summer 2006 Quarterly Event and Fall 2006 Annual Event, Toxic Case No. R02492, Ninth Avenue Terminal, Oakland, CA, dated February 2007

Enclosed please find one copy of the above-referenced material for your use.

Thank you for the opportunity to be of service.

Sincerely,

FUGRO WEST, INC.

R. H.

Roxanne Hunter
Word Processing

- ☐ Overnight a.m.
- ☐ Overnight p.m.
- ☒ Regular Mail
- ☐ Hand Delivery

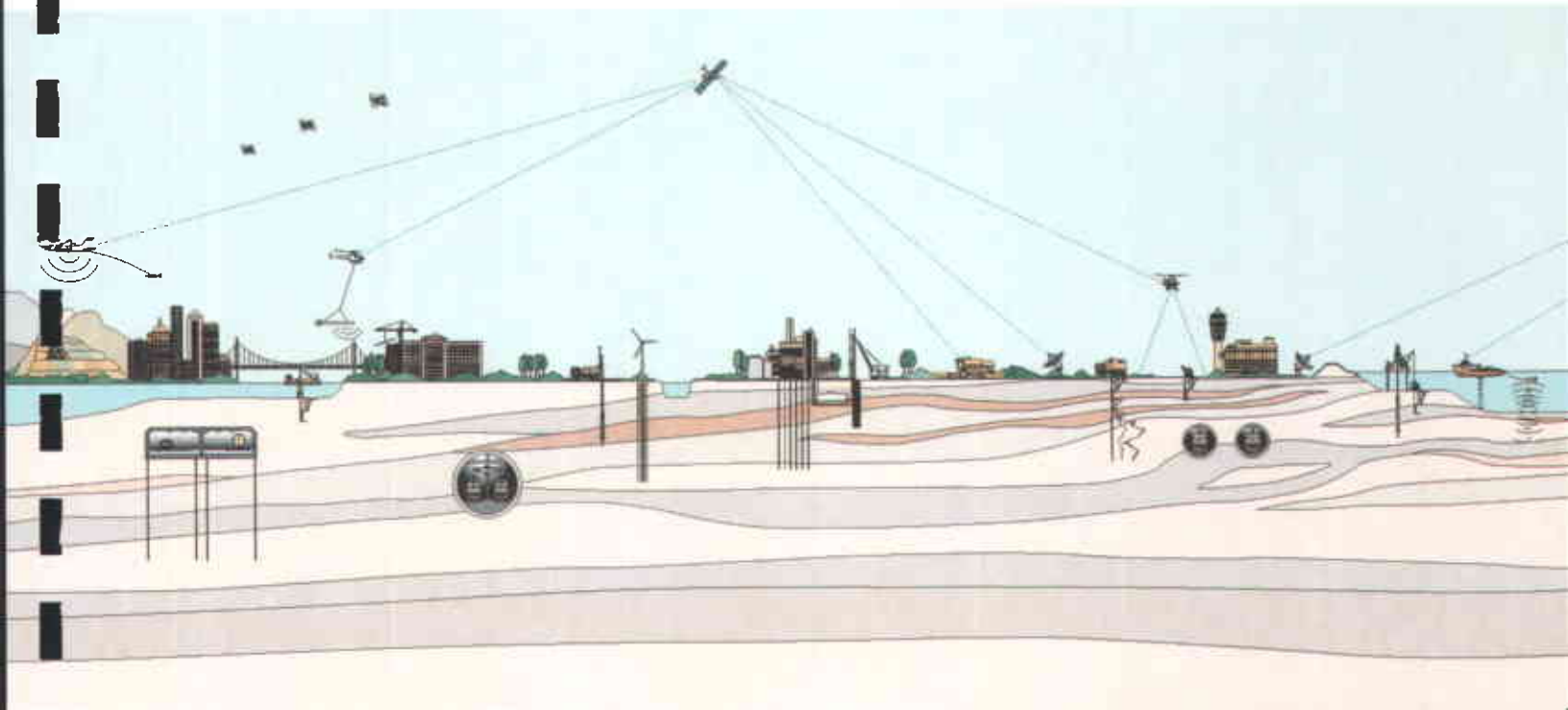
1000 Broadway, Suite 200, Oakland, California • (510) 268-0461 • Fax (510) 268-0137

FUGRO WEST, INC.

GROUNDWATER MONITORING REPORT SUMMER 2006 QUARTERLY EVENT AND FALL 2006 ANNUAL EVENT TOXIC CASE NO. R02492 NINTH AVENUE TERMINAL OAKLAND, CALIFORNIA

Prepared for:
PORT OF OAKLAND

FEBRUARY 2007
Project No. 133.023



PORT OF OAKLAND

February 21, 2007

Mr. Barney Chan
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Subject: **Transmittal of Groundwater Monitoring Report**
Summer 2006 Quarterly Event and Fall 2006 Annual Event
Toxic Case No. R02492

Dear Mr. Chan:

As required by your letter dated July 22, 2004, please find enclosed for your review the Port of Oakland's Summer 2006 Quarterly and Fall 2006 Annual groundwater monitoring report conducted for the Ninth Avenue Terminal, and prepared by Fugro West, Inc.

If you have any questions, please do not hesitate to contact me at (510) 627-1184.

Sincerely,

Douglas H. Herman
Associate Port Environmental Scientist

Encl. Groundwater Monitoring Report
Summer 2006 and Fall 2006

Cc w/encl. Barbara Cook, DTSC
Alan Notary, Brown and Caldwell
Robert Edwards, Zurich
Phil King, Bates, Meckler, Bulger & Tilson
Jonathan Redding, WRBD
Michele Heffes, Port of Oakland (2 copies)
Lydia Huang, Baseline
Earl James, EKI

Dph/mydocs/projects/oak to ninth/alameda county/summer fall gw mon report

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FUGRO WEST, INC.

1000 Broadway, Suite 200
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February 14, 2007
Project No. 133.023

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

Attention: Mr. Douglas Herman

Subject: Groundwater Monitoring Program Report, Summer 2006 Quarterly Event and Fall 2006 Annual Event, Ninth Avenue Terminal, Oakland, California

Dear Mr. Herman:

With this report, Fugro West, Inc., (Fugro) presents the results of the 2006 summer quarterly and fall annual groundwater monitoring events conducted at the Ninth Avenue Terminal (Site). The location of the Site is shown on Plate 1. Previous investigations indicate that petroleum hydrocarbons, as well as other chemicals have impacted soil and groundwater at the Site. Groundwater monitoring has been performed at the Site since 1993.

MONITORING ACTIVITIES

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

The summer quarterly event commenced on July 26, 2006, and comprised groundwater level measurement and sampling of well SCIMW-7. The annual event was conducted from October 30 through November 6, 2006. During the annual event, the depth to water was measured with an electronic well sounder from below the top of the casing in all active, accessible wells. Groundwater level measurements were obtained from the tidally influenced wells[1] first, to minimize any potential discrepancies in elevation between wells across the Site. A summary of the groundwater elevation measurements is presented in Table 2. Groundwater contours for the fall 2006 annual event are shown on Plate 2.

No free-floating product was observed in well SCIMW-7 during the summer quarterly event. Free-floating product was observed in well MW-4 (<0.1 feet), well MW-5 (trace), well MW-6 (<0.1 feet), well SCIMW-3 (trace), well SCIMW-24 (trace), and the "oil filled" manhole (trace) during the fall 2006 annual event.

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

It is Fugro's field protocol to immediately remove free product when observed in wells during sampling events. Fugro personnel used disposable bailers to remove approximately 9 gallons of a water and free product mixture from wells MW-4 and MW-6 during the fall 2006 annual event. The mixture was placed in a 55-gallon drum and temporarily stored onsite pending removal by a port contractor.

A water sample was not obtained from wells MW-4 and MW-6 during the fall annual event due to the presence of free-floating product.

Well SCIMW-7 was purged and sampled using a disposable bailer during the summer 2006 quarterly event, and 22 of the onsite wells were purged and sampled using disposable bailers during the fall 2006 annual event. Fugro placed the water generated during purging into 55-gallon drums, which were temporarily stored onsite pending removal by a port contractor. Bailers were discarded after each use. The pH, temperature, Eh[2], TDS[3], and DO[4] measurements were recorded during purging. The wells were not considered purged until these environmental parameters had become reasonably stabilized. A Well Sampling Form was completed for each well sampled during these events. Well Sampling Forms are included in Appendix B.

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

ANALYTICAL TESTING PROGRAM AND RESULTS

Curtis & Tompkins, Ltd., (C&T) a State of California Department of Health Services certified analytical laboratory, conducted the chemical testing for the summer 2006 quarterly event and fall 2006 annual event described herein in accordance with the testing program (Table 1). Comprehensive groundwater analytical test results are presented in Tables 3 through 9. Petroleum hydrocarbon, chlorinated pesticide, VOC and metals concentrations are shown on Plates 3 and 4. Analytical test reports, chromatographs and chain-of-custody forms for the subject events are included in Appendix C. Specific test results are discussed in the following sections.

CHEMICAL DATA

Summer 2006 Quarterly Event - Chemical Results in Well SCIMW-7

- TVH as gasoline range was detected at 7,400 parts per billion (ppb).
- TEH as diesel range was detected at 750 ppb.
- TEH as motor oil range was not detected.

[2] Eh = Redox potential or oxidizing-reduction potential
[3] TDS = Total Dissolved Solids
[4] DO = dissolved oxygen. Initial DO readings were recorded down-hole.

- The sample contained 2,300 ppb of benzene and 920 ppb of toluene.
- MTBE[5] was not detected.
- Chlorinated pesticide analysis detected 0.9 ppb 4-4'-DDD, 0.9 ppb beta-BHC, 0.05 ppb alpha-chlordane, and 0.9 ppb gamma-chlordane.
- The following VOCs were detected:
  - 2,200 ppb of chloroethane,
  - 4,000 ppb of 1,1 dichloroethane,
  - 7,400 ppb of cis-1,2 dichloroethene,
  - 220 ppb of trans-1,2 dichloroethene,
  - 610 ppb of 1,1,1-trichloroethane, and
  - 1,800 ppb of vinyl chloride.

Fall 2006 Annual Event - Chemical Results

- TVH as gasoline range was not detected in samples from wells SCIMW-11, SCIMW-26, SCIMW-34, and SCIMW-35. TVH as gasoline range was detected in wells SCIMW-7 and SCIMW-24 at 12,000 ppb and 39,000 ppb, respectively.
- TEH as diesel range was not detected in wells MW-2, MW-3, SCIMW-8, SCIMW-9, SCIMW-11, SCIMW-26, SCIMW-29, SCIMW-34, and SCIMW-35. TEH as diesel range was detected in wells MW-5, SCIMW-2, SCIMW-3, SCIMW-7, SCIMW-13, SCIMW-15, SCIMW-24, SCIMW-28, and SCIMW-33. TEH as diesel concentrations ranged from 51 ppb (SCIMW-13) to 11,000 ppb (SCIMW-24).
- TEH as motor oil range was not detected in wells MW-2, MW-3, MW-5, SCIMW-2, SCIMW-3, SCIMW-7, SCIMW-8, SCIMW-9, SCIMW-11, SCIMW-13, SCIMW-15, SCIMW-26, SCIMW-28, SCIMW-29, SCIMW-33, SCIMW-34, and SCIMW-35. TEH as motor oil range was detected in well SCIMW24 at 6,900 ppb.
- BTEX was not detected in samples analyzed from wells SCIMW-11, SCIMW-22, SCIMW-28, SCIMW-30, SCIMW-31D, SCIMW-32, and SCIMW-35. The sample from well SCIMW-7 contained 2,900 ppb of benzene, 1,900 ppb of toluene, and 210 ppb of xylenes. The sample from well SCIMW-24 contained 1,700 ppb of benzene, 6.5 ppb of ethylbenzene, 53 ppb of toluene, and 60 ppb of xylenes.
- MTBE was not detected in samples analyzed from wells SCIMW-7, SCIMW-11, SCIMW-22, SCIMW-24, SCIMW-28, SCIMW-30, SCIMW-31D, and SCIMW-32.
- Chlorinated pesticide was not detected in the sample analyzed from well SCIMW-7. The sample from well SCIMW-33 contained 1.5 ppb of 4-4'-DDD and 1.9 ppb of 4,4-DDE.

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

- No detectable concentrations of VOCs were measured in wells SCIMW-22, SCIMW-31D, and SCIMW-32.
- A sample was not obtained from Well SCIMW-33 for VOC analysis during this event.
- Well SCIMW-28 contained 11 ppb of acetone.
- Well SCIMW-30 contained 1.2 ppb of carbon disulfide and 0.5 ppb of 1,1-dichloroethane.
- Well SCIMW-7 contained concentrations of the following VOCs:
  - chloroethane (3,800 ppb),
  - 1,1 dichloroethane (10,000 ppb),
  - 1,1 dichloroethene (150 ppb),
  - cis-1,2 dichloroethene (15,000 ppb),
  - trans-1,2 dichloroethene (300 ppb),
  - 1,1,1-Trichloroethene (1,200 ppb),
  - Trichloroethene (71 ppb), and
  - Vinyl Chloride (3,500 ppb).
- A filtered sample from well SCIMW-28 contained 14 ppb of arsenic, 64 ppb of barium, 71 ppb of copper, 45 ppb of lead, 41 ppb of molybdenum, and 160 ppb of zinc.

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

GROUNDWATER QUALITY PARAMETER DATA

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

Summer 2006 Quarterly Event - Groundwater Quality Parameter Data in Well SCIMW-7

The initial down-hole pH reading was 6.78. This reading is higher when compared to the reading obtained during the previous event (6.69, April 2006).

The initial down-hole TDS reading was 34,000 milligrams per liter (mg/l). This TDS reading is higher than during the previous event (15,820 mg/l, April 2006).

The initial down-hole DO reading was 2.50 mg/l. The DO reading for this event was higher than during the previous event (2.13 mg/l, April 2006).

ONGOING MONITORING

In accordance with the approved program, the next sampling event, a winter quarterly event performed during January 2007, has been completed. During this event, sampling, and analytical testing has been performed for well SCIMW-7 as outlined in Table 1. In addition, well SCIMW-33 was purged and a groundwater sample obtained for VOC analysis. Results of the quarterly event will be held and presented with the semi-annual event report stated to be conducted in the Spring 2007.

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.
REA No. 03130 (exp. 7/07)
Civil Engineer 40469 (exp. 3/07)

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, Pesticide and PCB Concentrations in Groundwater
Table 4. Volatile Organic Concentrations in Groundwater
Table 5. Heavy Metal Concentrations in Groundwater
Table 6. Groundwater Quality Parameters
Table 7. Historical Polynuclear Aromatic Concentrations in Groundwater
Table 8. Historical Semi-Volatile Organic Concentrations in Groundwater
Table 9. Historical Cyanide, Nitrate and Phosphorus Concentrations in Groundwater
Plate 1. Vicinity Map
Plate 2. Groundwater Elevations
Plate 3. Petroleum and Pesticide Concentrations
Plate 4. VOC and Metals Concentrations
Appendix A. ACEH Letter Dated July 22, 2004
Appendix B. Well Sampling Forms
Appendix C. Analytical Test Reports, Chromatographs and Chain-of-Custody Records
Appendix D. Waste Manifest

Copies Submitted: (9) Addressee

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

Monitoring Well ID	BTEX	MTBE	TVH	TEHd, mo w/ silica gel	VOCs	Pesticides	Heavy Metals	Data to be Submitted to Geotracker
MW-1	Well Abandoned							
MW-2				A				
MW-3				A				
MW-4 FP	A	A	A	A				
MW-5				A				
MW-6 FP	A	A	A	A				
MW-7 H-107 *STID 3335*	Water level only							
SCIMW-1	Water level only							
SCIMW-2				A				
SCIMW-3				A				
SCIMW-4	Water level only							
SCIMW-5	Well Abandoned							
SCIMW-6	Water level only							
SCIMW-7			Q	Q	Q	Q		
SCIMW-8				A				
SCIMW-9				A				
SCIMW-10	Water level only							
SCIMW-11 H-204 STID 6894	A		A	A				T0600102210
SCIMW-12	Water level only							
SCIMW-13				A				
SCIMW-14	Well Abandoned							
SCIMW-15				A				
SCIMW-16	Water level only							
SCIMW-17	Well Abandoned							
SCIMW-18	Water level only							
SCIMW-19	Water level only							
SCIMW-20	Well Abandoned							
SCIMW-21	Water level only							
SCIMW-22					A			
SCIMW-23	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
7/29/1996	4.32	5.81	none
9/3/1996	4.65	5.48	none
9/9/1996	4.79	5.34	none
9/18/1996	4.45	5.68	none
9/23/1996	4.28	5.85	none
9/30/1996	4.18	5.95	none
10/28/1996	4.48	5.65	none
12/2/1996	4.88	5.25	none
12/30/1996	3.62	6.51	none
1/16/1997	3.65	6.48	none
2/28/1997	3.71	6.42	none
3/26/1997	3.71	6.42	none
5/5/1997	3.80	6.33	none
6/27/1997	3.71	6.42	none
7/23/1997	--	--	--
8/25/1997	3.73	6.40	none
9/25/1997	3.75	6.38	none
10/30/1997	3.88	6.25	none
12/3/1997	3.58	6.55	none
12/30/1997	3.67	6.46	none
1/28/1998	3.48	6.65	none
3/11/1998	3.64	6.49	none
3/30/1998	3.65	6.48	none
4/27/1998	3.26	6.87	none
6/1/1998	3.67	6.46	none
6/26/1998	3.63	6.50	none
9/17/1998	3.75	6.38	none
12/7/1998	3.82	6.31	none
5/3/1999	3.67	6.46	none
8/25/1999	3.80	6.33	none
11/29/1999	4.00	6.13	none
4/4/2000	3.67	6.46	none
10/3/2000	3.82	6.31	none
5/1/2001	4.70	5.43	none
11/27/2001	4.70	5.43	none
7/29/2002	6.70	3.43	none
1/21/2003	4.70	5.43	none
Oct-04	**TOC Elevation =**	**10.18**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**
9/30/2004	3.37	6.81	none
4/12/2005	3.86	6.32	none
10/10/2005	4.78	5.40	none
10/30/2006	**5.77**	**4.41**	**none**

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.010" slot size)
Screen Interval (5-20' bgs)
Well Installed by Clayton Environmental Consultants

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

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	
9/23/1996	6.07	4.30	none	
9/30/1996	6.00	4.37	none	
10/28/1996	6.10	4.27	none	
12/2/1996	5.52	4.85	none	
12/30/1996	4.66	5.71	none	
1/16/1997	5.08	5.29	none	
2/28/1997	5.38	4.99	none	
3/26/1997	5.54	4.83	none	
5/5/1997	5.86	4.51	none	
6/27/1997	5.76	4.61	none	
7/23/1997	5.59	4.78	none	
8/25/1997	5.41	4.96	none	
9/25/1997	5.60	4.77	none	
10/30/1997	5.79	4.58	none	
12/3/1997	4.80	5.57	none	
12/30/1997	4.94	5.43	none	
1/28/1998	4.59	5.78	none	
3/11/1998	4.70	5.67	none	
3/30/1998	4.62	5.75	none	
4/27/1998	4.84	5.53	none	
6/1/1998	4.61	5.76	none	
6/26/1998	4.94	5.43	none	
9/17/1998	5.35	5.02	none	
12/7/1998	4.81	5.56	none	
5/4/1999	5.16	5.21	none	
8/25/1999	5.85	4.52	none	
11/29/1999	5.81	4.56	none	
4/4/2000	5.10	5.27	none	
10/3/2000	5.62	4.75	none	
5/1/2001	5.00	5.37	none	
11/27/2001	4.99	5.38	none	
7/29/2002	5.19	5.18	none	
1/21/2003	4.64	5.73	none	
9/30/2004	--	--	--	Well not located
4/12/2005	--	--	--	Well not located
10/10/2005	--	--	--	Well not located
10/30/2006	--	--	--	Well not located

Well Completion Details

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

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

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
12/30/1996	4.21	5.98	none
1/16/1997	4.07	6.12	none
2/28/1997	4.74	5.45	none
3/26/1997	4.53	5.66	none
5/5/1997	4.49	5.70	none
6/27/1997	4.63	5.56	none
7/23/1997	4.74	5.45	none
8/25/1997	4.40	5.79	none
9/25/1997	4.26	5.93	none
10/30/1997	4.37	5.82	none
12/3/1997	4.21	5.98	none
12/30/1997	4.20	5.99	none
1/28/1998	2.55	7.64	none
3/11/1998	4.38	5.81	none
3/30/1998	3.95	6.24	none
4/27/1998	3.86	6.33	none
6/1/1998	4.66	5.53	none
6/26/1998	3.90	6.29	none
9/17/1998	4.41	5.78	none
12/7/1998	4.55	5.64	none
5/3/1999	4.93	5.26	none
8/25/1999	4.48	5.71	none
11/29/1999	4.45	5.74	none
4/4/2000	6.65	3.54	none
10/3/2000	4.59	5.60	none
5/1/2001	4.87	5.32	none
	Well Destroyed May 31, 2001		

Well Completion Details

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

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-6	TOC Elevation (Sept-96) =	10.55	Port of Oakland Datum	
9/9/1996	5.86	4.69	none	
9/18/1996	6.54	4.01	none	
9/23/1996	5.47	5.08	none	
9/30/1996	6.44	4.11	none	
10/28/1996	5.93	4.62	none	
12/2/1996	7.04	3.51	none	**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**	

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	
12/30/1996	5.12	5.82	none	
1/16/1997	6.41	4.53	none	
2/28/1997	7.19	3.75	none	
3/26/1997	7.24	3.70	none	
5/5/1997	7.26	3.68	none	
6/27/1997	7.09	3.85	none	
7/23/1997	7.24	3.70	none	
8/25/1997	6.61	4.33	none	
9/25/1997	4.69	6.25	none	
10/30/1997	5.24	5.70	none	
12/3/1997	6.53	4.41	none	
12/30/1997	2.90	8.04	none	
1/28/1998	5.11	5.83	none	
3/11/1998	4.83	6.11	none	
3/30/1998	7.22	3.72	none	
4/27/1998	7.23	3.71	none	
6/1/1998	7.00	3.94	none	
6/1/1998	7.20	3.74	none	
9/17/1998	6.80	4.14	none	
12/7/1998	7.21	3.73	none	
5/3/1999	7.19	3.75	none	
8/25/1999	6.91	4.03	none	
11/29/1999	6.91	4.03	none	
4/4/2000	6.41	4.53	none	
10/3/2000	6.66	4.28	none	
5/1/2001	6.00	4.94	none	
11/27/2001	5.19	5.75	none	
7/29/2002	7.20	3.74	none	
1/21/2003	7.19	3.75	none	
Oct-04	TOC Elevation =	10.95	Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL	
9/30/2004	7.27	3.68	none	
4/12/2005	7.22	3.73	none	
10/10/2005	7.02	3.93	none	
10/30/2006	6.85	4.10	none	

Well Completion Details

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

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

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

Well Completion Details

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

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

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

Well Completion Details

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

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-15	**TOC Elevation (Sept-96) =**	**13.45**	**Port of Oakland Datum**	
9/9/1996	8.60	4.85	none	
9/18/1996	8.61	4.84	none	
9/23/1996	8.62	4.83	none	
9/30/1996	8.51	4.94	none	
10/28/1996	8.72	4.73	none	
12/2/1996	8.91	4.54	none	**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-17	TOC Elevation (Sept-96) =	10.14	Port of Oakland Datum	
9/9/1996	3.59	6.55	none	
9/18/1996	2.83	7.31	none	
9/23/1996	2.96	7.18	none	
9/30/1996	3.00	7.14	none	
10/28/1996	3.04	7.10	none	
12/2/1996	2.86	7.28	none	
12/30/1996	0.18	9.96	none	
1/16/1997	2.47	7.67	none	
2/28/1997	2.63	7.51	none	
3/26/1997	2.51	7.63	none	
5/5/1997	2.63	7.51	none	
6/27/1997	1.87	8.27	none	
7/23/1997	5.61	4.53+	none	
8/25/1997	3.65	6.49	none	
9/25/1997	5.50	4.64+	none	
10/30/1997	3.17	6.97	none	
12/3/1997	4.94	5.20+	none	
12/30/1997	2.67	7.47	none	
1/28/1998	2.25	7.89	none	
3/11/1998	2.25	7.89	none	
3/30/1998	2.35	7.79	none	
4/27/1998	2.36	7.78	none	
6/1/1998	2.27	7.87	none	
6/26/1998	4.51	5.63	none	
9/17/1998	3.20	6.94	none	
12/7/1998	3.66	6.48	none	
5/3/1999	3.02	7.12	none	
8/25/1999	4.95	5.19	none	
11/29/1999	3.49	6.65	none	
4/4/2000	3.45	6.69	none	
10/3/2000	--	--	--	
	Well Destroyed May 30, 2001			

Well Completion Details

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

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-18	**TOC Elevation (Sept-96) =**	**10.81**	**Port of Oakland Datum**	
9/9/1996	5.59	5.22+	none	
9/18/1996	3.86	6.95	none	
9/23/1996	3.82	6.99	none	
9/30/1996	3.85	6.96	none	
10/17/1996	4.00	6.81	none	
10/28/1996	4.18	6.63	none	
12/2/1996	4.06	6.75	none	
12/30/1996	3.60	7.21	none	
1/16/1997	3.83	6.98	none	
2/28/1997	3.56	7.25	none	
3/26/1997	4.70	6.11	none	
5/5/1997	3.36	7.45	none	
6/27/1997	3.17	7.64	none	
7/23/1997	3.42	7.39	none	
8/25/1997	3.49	7.32	none	
9/25/1997	3.42	7.39	none	
10/30/1997	3.97	6.84	none	
12/3/1997	3.85	6.96	none	
12/30/1997	3.83	6.98	none	
1/28/1998	3.57	7.24	none	
3/11/1998	3.40	7.41	none	
3/30/1998	3.36	7.45	none	
4/27/1998	3.15	7.66	none	
6/1/1998	3.09	7.72	none	
6/26/1998	3.15	7.66	none	
9/17/1998	3.58	7.23	none	
12/7/1998	4.01	6.80	none	
5/3/1999	3.25	7.56	none	
8/25/1999	5.85	4.96	none	
11/29/1999	4.14	6.67	none	
4/4/2000	4.45	6.36	none	
10/3/2000	3.70	7.11	none	
5/1/2001	5.89	10.81	none	
11/27/2001	6.05	4.76	none	
7/29/2002	6.01	4.80	none	
1/21/2003	3.95	6.86	none	
Oct-04	**TOC Elevation =**	**10.82**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	5.92	4.90	none	
4/12/2005	6.17	4.65	none	
10/10/2005	--	--	--	well under shipping 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
12/30/1996	1.12	7.99	none
1/16/1997	1.44	7.67	none
2/28/1997	1.60	7.51	none
3/26/1997	1.54	7.57	none
5/5/1997	1.65	7.46	none
6/27/1997	1.92	7.19	none
7/23/1997	2.05	7.06	none
8/25/1997	1.62	7.49	none
9/25/1997	1.88	7.23	none
10/30/1997	2.02	7.09	none
12/3/1997	1.38	7.73	none
12/30/1997	1.61	7.50	none
1/28/1998	1.30	7.81	none
3/11/1998	1.35	7.76	none
3/30/1998	1.43	7.68	none
4/27/1998	1.51	7.60	none
6/1/1998	1.29	7.82	none
6/26/1998	1.76	7.35	none
9/17/1998	2.32	6.79	none
12/7/1998	1.71	7.40	none
5/3/1969	1.42	7.69	none
8/25/1999	2.19	6.92	none
11/29/1999	5.71	6.41	none
4/4/2000	1.52	7.59	none
10/3/2000	--	--	--
5/1/2001	2.09	7.02	none
	Well Destroyed May 30, 2001		

Well Completion Details

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

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-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
12/3/1997	3.24	6.50	none
12/30/1997	3.52	6.22	none
1/28/1998	3.02	6.72	none
3/11/1998	3.32	6.42	none
3/30/1998	3.35	6.39	none
4/27/1998	--	--	--
6/1/1998	--	--	--
6/26/1998	--	--	--
9/17/1998	4.28	5.46	none
12/10/1998	3.35	6.39	none
5/3/1999	3.65	6.09	none
8/25/1999	4.35	5.39	none
11/29/1999	4.18	5.56	none
4/4/2000	6.95	2.79	none
10/3/2000	4.55	5.19	none
5/1/2001	3.80	5.94	none
11/27/2001	3.58	6.16	none
7/29/2002	--	--	--
1/21/2003	--	--	--
	Well Destroyed September 30, 2004		

Well Completion Details

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

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

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

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

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

Well Completion Details

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

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-26	TOC Elevation (May-97) =	11.33	Port of Oakland Datum	
5/5/1997	3.18	8.15	none	
6/27/1997	3.31	8.02	none	
7/23/1997	3.46	7.87	none	
8/25/1997	3.21	8.12	none	
9/25/1997	3.42	7.91	none	
10/30/1997	3.56	7.77	none	**Well Completion Details**
12/3/1997	2.55	8.78	none	2" DIA. SCH. 40 PVC
12/30/1997	3.25	8.08	none	Well Screen (0.020" slot size)
1/28/1998	2.93	8.40	none	Screen Interval (3-20' bgs)
3/11/1998	3.98	7.35	none	Well Installed by SCI
3/30/1998	4.13	7.20	none	
4/27/1998	3.93	7.40	none	
6/1/1998	3.56	7.77	none	
6/26/1998	3.65	7.68	none	
9/17/1998	3.92	7.41	none	
12/7/1998	3.25	8.08	none	
5/3/1999	3.68	7.65	none	
8/25/1999	3.61	7.72	none	
11/29/1999	3.41	7.92	none	
4/4/2000	3.90	7.43	none	
10/3/2000	3.41	7.92	none	
5/1/2001	--	--	--	
11/27/2001	--	--	--	
7/29/2002	3.82	7.51	none	
1/21/2003	2.70	8.63	none	
Oct-04	**TOC Elevation =**	**11.42**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**	
9/30/2004	3.67	7.75	none	
4/12/2005	3.14	8.28	none	
10/10/2005	3.98	7.44	none	
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	
12/3/1997	4.74	6.69	none	
12/30/1997	4.75	6.68	none	
1/28/1998	4.37	7.06	none	
3/11/1998	4.70	6.73	none	
3/30/1998	4.71	6.72	none	
4/27/1998	4.53	6.90	none	
6/1/1998	4.74	6.69	none	
6/26/1998	4.74	6.69	none	
9/17/1998	4.85	6.58	none	
12/7/1998	4.77	6.66	none	
5/4/1999	4.91	6.52	none	
8/25/1999	4.95	6.48	none	
11/29/1999	4.91	6.52	none	
4/4/2000	3.78	7.65	none	
10/3/2000	4.90	6.53	none	
5/1/2001	4.80	6.63	none	
11/27/2001	4.76	6.67	none	
7/29/2002	4.83	6.60	none	
1/21/2003	4.76	6.67	none	
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	

Well Completion Details

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

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-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	
12/3/1997	4.47	8.83	none	
12/30/1997	4.72	8.58	none	
1/28/1998	4.16	9.14	none	
3/11/1998	4.20	9.10	none	
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	

Well Completion Details

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

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

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
4/27/1998	4.35	7.99	none
6/1/1998	4.15	8.19	none
6/26/1998	4.51	7.83	none
9/17/1998	4.71	7.63	none
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**

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.020" slot size)
Screen Interval (4-19' bgs)
Well Installed by SCI

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-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	
12/7/1998	7.90	4.02	none	
5/3/1999	7.91	4.01	none	
8/25/1999	7.85	4.07	none	
11/29/1999	7.79	4.13	none	
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	

Well Completion Details

2" DIA. SCH. 40 PVC
Well Screen (0.020" slot size)
Screen Interval (39-49' bgs)
Well Installed by SCI

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

DATE	GROUND WATER DEPTH (FEET)	GROUND WATER ELEVATION (FEET)	PRODUCT THICKNESS (INCHES)	
SCIMW-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**	

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
4/27/1998	6.14	4.79	none
6/1/1998	6.05	4.88	none
6/26/1998	5.81	5.12	none
9/17/1998	6.06	4.87	none
12/7/1998	6.02	4.91	none
5/3/1999	6.44	4.49	none
8/25/1999	6.86	4.07	none
11/29/1999	6.23	4.70	none
4/4/2000	5.43	5.50	none
10/3/2000	4.99	5.94	none
5/1/2001	6.47	4.46	none
11/27/2001	6.15	4.78	none
7/29/2002	--	--	--
1/21/2003	5.84	5.09	none
Oct-04	**TOC Elevation =**	**10.88**	**Feet Above Port of Oakland Datum, 0 = 3.2 Feet Below MSL**
9/30/2004	6.00	4.88	none
4/12/2005	5.92	4.96	none
10/10/2005	6.23	4.65	none
10/30/2006	**6.14**	**4.74**	**none**

Well Completion Details

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

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

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. Tidally Influenced.**
2/28/1997	8.42	3.97	0.01	
3/26/1997	8.42	3.97	trace	
5/5/1997	8.51	3.88	0.06	
6/27/1997	8.42	3.97	trace	
7/23/1997	8.42	3.97	trace	
8/25/1997	7.67	4.72	trace	
9/25/1997	6.17	6.22	trace	
10/30/1997	6.42	5.97	0.00	
12/3/1997	8.08	4.31	trace	
12/30/1997	4.50	7.89	trace	
1/28/1998	6.00	6.39	trace	
3/11/1998	5.92	6.47	trace	
3/30/1998	8.33	4.06	trace	
4/27/1998	8.50	3.89	trace	
6/1/1998	8.33	4.06	trace	
6/26/1998	8.42	3.97	trace	
9/17/1998	8.42	3.97	trace	
12/7/1998	8.33	4.06	trace	
5/2/1998	--	--	0.50	
8/25/1999	--	--	4.50	
11/29/1999	--	--	trace	
4/4/2000	5.25	7.14	trace	
10/3/2000	4.57	7.82	none	
5/2/2001	7.70	4.69	none	
11/27/2001	8.48	3.91	none	
7/29/2002	8.50	3.89	none	
1/21/2003	7.42	4.97	none	
9/30/2004	5.58	6.81	trace	
4/12/2005	8.11	4.28	trace	
10/10/2005	8.40	3.99	trace	
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	--	--	--	--	--	--	--	--	--	--	--

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CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-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-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	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

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	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	--	--	--	--	--	--	--
SCIMW-11	SCI	N	11/28/2001	5.94	--	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--

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CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-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	--	--	--	--	--	--

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-21	SCI	D	1/21/2003	6.83	--	--	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
SCIMW-22	SCI	P	5/6/1997	8.22	<5,000	<50	1,400 yh	2,300 hl	<0.5	<0.5	<0.5	<0.5	--	0.12	<0.094	<0.094	ND	<0.47	ND
SCIMW-22	SCI	P	10/20/1997	7.61	<5,000	<50	1,500 yh	2,700 yhl	<0.5	<0.5	<0.5	<0.5	--	<0.094	<0.094	<0.094	ND	<0.47	ND
SCIMW-22	SCI	P	9/22/1998	7.24	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-22	SCI	P	5/5/1999	7.66	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	SCI	P	12/2/1999	6.81	--	--	<50	<300	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
SCIMW-22	SCI	P	10/10/2000	5.36	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	SCI	P	11/30/2001	7.35	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	Fugro	P	1/21/2003	7.32	--	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--
SCIMW-22	Fugro	P	9/30/2004	6.08	--	--	--	--	<5.0	<5.0	<5.0	<10	<5.0	--	--	--	--	--	--
SCIMW-22	Fugro	P	10/6/2005	6.24	--	--	--	--	<2.5	<2.5	<2.5	<5.0	<2.5	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--

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CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-24	SCI	N	5/6/1997	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-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	--	--	--	--	--	--

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CONCENTRATIONS IN GROUNDWATER
NINTH AVENUE TERMINAL STUDY AREA

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	OIL & GREASE (µg/L)	TVH as GAS (µg/L)	TEH as DIESEL (µg/L)	TEH as MOTOR OIL (µg/L)	BENZENE (µg/L)	ETHYL-BENZENE (µg/L)	TOLUENE (µg/L)	TOTAL XYLENES (µg/L)	MTBE (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	OTHER HERBS/ PESTS (µg/L)	AROCLOR-1260 (µg/L)	OTHER PCBs (µg/L)
SCIMW-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	--	--	--	--	--	--	--	--	--	--	--

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-29	Fugro	H	11/2/2006	7.53	–	–	<50	<300	–	–	–	–	–	–	–	–	–	–	–
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--

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	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

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

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

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
				Port of Oak. Datum															
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 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-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**	**1,600**	**250**	**390**	ND
SCIMW-7	SCI	P/Q	10/6/2000	8.25	**50**	<50	<2.5	<2.5	**790**	**380**	**3.5**	**41**	**830**	**77**	<50	**810**	**77**	**590**	a
SCIMW-7	SCI	P/Q	5/3/2001	7.56	<8,300	<8,300	<420	<420	**3,900**	**15,000**	<420	**1,200**	**98,000**	**760**	<8,300	**34,000**	**6,000**	**8,400**	ND
SCIMW-7	SCI	P/Q	11/30/2001	7.28	<13,000	<6,300	<3,100	<3,100	<6,300	**20,000**	<3,100	<3,100	**110,000**	<3,100	<6,300	**41,000**	**11,000**	<6,300	ND
SCIMW-7	SCI	P/Q	7/30/2002	6.49	<130	<63	**8.1**	<31	**380**	**120**	<31	<31	**130**	**41**	<63	<31	**60**	**220**	ND
SCIMW-7	SCI	P/Q	1/23/2003	7.47	<40	<10	<10	<10	**150**	**62**	<10	<10	**16**	**21**	<20	<10	<10	<20	ND
SCIMW-7	SCI	P/Q	10/6/2004	6.57	<1,400	<710	<360	<360	**1,200**	**4,800**	<360	<360	**5,600**	<360	<710	**580**	<360	**1,900**	ND
SCIMW-7dup	Fugro	P/Q	10/6/2004	6.57	<1,400	<710	<360	<360	**970**	**3,900**	<360	<360	**4,800**	<360	<710	**530**	<360	**1,300**	ND
SCIMW-7	Fugro	P/Q	1/10/2005	8.35	<80	<40	<20	<20	**100**	**290**	<20	<20	**260**	<20	<40	**52**	**37**	**390**	ND
SCIMW-7	Fugro	P/Q	4/12/2005	7.57	<3,300	<3,300	<170	<170	**1,800**	**12,000**	<170	**230**	**19,000**	**210**	<3,300	**1,700**	<170	**3,100**	e
SCIMW-7	Fugro	P/Q	7/20/2005	7.58	<330	<330	<17	<17	**340**	**1,100**	<17	**95**	**1,900**	**44**	<330	**730**	**60**	**1,100**	ND
SCIMW-7	Fugro	P/Q	10/6/2005	7.12	<20,000	<20,000	<2,000	<200	**1,900**	**6,800**	<200	<200	**16,000**	**270**	<20,000	**1,300**	<200	**5,200**	ND

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

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

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

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	Port of Oak. Datum (FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-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
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

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

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	Port of Oak Datum (FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-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
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

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

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	Port of Oak. Datum (FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-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
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

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

SAMPLE		SITE REF	DATE	GROUNDWATER ELEVATION	ACETONE	MEK or 2-BUTAN-ONE	CARBON DISULFIDE	CHLOROBENZENE	CHLOROETHANE	1,1-DI-CHLOROETHANE	1,2-DI-CHLOROETHANE	1,1-DI-CHLOROETHENE	cis-1,2-DI-CHLOROETHENE	trans-1,2-DI-CHLOROETHENE	4-METHYL-2-PENTANONE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	OTHER
DESIGNATION	CONSULTANT	AREA	SAMPLED	Port of Oak. Datum (FEET)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	8240s*
SCIMW-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-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

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

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

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

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

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

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

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (feet)	ANTIMONY (µg/L)	ARSENIC (µg/L)	BARIUM (µg/L)	BERYLLIUM (µg/L)	CADMIUM (µg/L)	CHROMIUM (µg/L)	CHROMIUM VI (µg/L)	COBALT (µg/L)	COPPER (µg/L)	LEAD (µg/L)	MERCURY (µg/L)	MOLYBDENUM (µg/L)	NICKEL (µg/L)	POTASSIUM (µg/L)	SELENIUM (µg/L)	SILVER (µg/L)	THALLIUM (µg/L)	VANADIUM (µg/L)	ZINC (µg/L)
MW-5	SCI	Filtered	F	1/20/1997	8.38	<60	10	49	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	6.5	<5.0	<5.0	<10	26
MW-5	SCI	Filtered	F/H	5/6/1997	6.45	--	--	--	--	--	--	50	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	SCI	Filtered	F	9/5/96	6.67	<60	8.9	420	<2.0	<2.0	<10	--	<20	<10	3.5	<0.20	<20	<20	--	27	<5.0	<5.0	<10	<20
MW-6	SCI	Filtered	F/H	5/6/1997	7.04	--	--	--	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	SCI	Filtered	M	9/5/96	5.48	<60	10	78	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	20	<5.0	<5.0	<10	<20
MW-7	SCI	Filtered	M	1/17/97	6.48	<60	12	44	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	23	<5.0	<5.0	<10	<20
SCIMW-1	SCI	Unfiltered	E/H	5/24/1996	5.09	<60	45	1,000	2.8	2.3	63	--	<20	1,800	2,300	<0.20	<20	68	--	7.8	<5.0	<5.0	62	1,000
SCIMW-1	SCI	Filtered	E/H	5/24/1996	5.09	<60	<5.0	170	2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	8.3	<5.0	<5.0	<10	<20
SCIMW-1	SCI	Filtered	E/H	9/6/1996	4.39	<60	<5.0	160	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	17	<5.0	<5.0	<10	<20
SCIMW-1	SCI	Filtered	E/H	1/22/1997	5.29	<60	<5.0	170	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	33	--	7.7	<5.0	<5.0	<10	210
SCIMW-2	SCI	Unfiltered	N	5/23/1996	4.04	<60	14	90	<2.0	<2.0	12	--	<20	<10	2,300	0.64	<20	<20	--	14	<5.0	<5.0	<10	38
SCIMW-2	SCI	Filtered	N	5/23/1996	4.04	<60	11	490	<2.0	<2.0	<10	--	<20	69	62	<0.20	<20	<20	--	22	<5.0	<5.0	<10	110
SCIMW-2	SCI	Filtered	N	9/4/1996	3.38	<60	15	320	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	1/17/1997	3.82	<60	6.6	340	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	9/18/1998	4.07	<60	5.0	430	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	10	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	12/10/1998	3.52	<60	9.6	..	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	49
SCIMW-2	SCI	Filtered	N	5/7/1999	4.52	<60	11.0	900	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	9.5	<5.0	<5.0	<10	24
SCIMW-2	SCI	Filtered	N	8/26/1999	3.00	<60	6.8	300	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	12/2/1999	3.85	<60	6.6	330	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	24
SCIMW-2	SCI	Filtered	N	10/10/2000	4.75	<60	7.2	230	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	5/3/2001	3.11	<60	<5.0	380	<2.0	<5.0	<10	--	<20	<10	<10	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	31
SCIMW-2	SCI	Filtered	N	11/30/2001	6.23	<60	12	110	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	7/30/2002	2.92	<60	<5.0	230	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-2	SCI	Filtered	N	1/21/2003	5.79	<60	13	170	<2.0	<5.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20

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

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

SAMPLE DESIGNATION	CONSULTANT	DESCRIPTION	SITE REF AREA	SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (feet)	ANTIMONY (µg/L)	ARSENIC (µg/L)	BARIUM (µg/L)	BERYLLIUM (µg/L)	CADMIUM (µg/L)	CHROMIUM (µg/L)	CHROMIUM VI (µg/L)	COBALT (µg/L)	COPPER (µg/L)	LEAD (µg/L)	MERCURY (µg/L)	MOLYBDENUM (µg/L)	NICKEL (µg/L)	POTASSIUM (µg/L)	SELENIUM (µg/L)	SILVER (µg/L)	THALLIUM (µg/L)	VANADIUM (µg/L)	ZINC (µg/L)
SCIMW-3	SCI	Unfiltered	I/J	5/23/1996	7.22	<60	<5.0	<10	<2.0	<2.0	<10	--	**58**	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-3	SCI	Filtered	I/J	5/23/1996	7.22	<60	<5.0	**42**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**8.2**	<5.0	<5.0	<10	<20
SCIMW-3	SCI	Filtered	I/J	9/5/1996	6.67	<60	**8.5**	**170**	<2.0	<2.0	<10	--	<20	<10	**4.6**	<0.20	<20	<20	--	**31**	<5.0	<5.0	<10	<20
SCIMW-3	SCI	Filtered	I/J	1/20/1997	6.46	<60	**23**	**110**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**31**	<5.0	<5.0	<10	<20
SCIMW-4	SCI	Filtered	L	8/26/1996	5.50	<60	**12**	**37**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**22**	<5.0	<5.0	<10	<20
SCIMW-4	SCI	Filtered	L	1/22/1997	8.43	<60	**6.6**	**16**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	**25**	<5.0	<5.0	<10	<20
SCIMW-5	SCI	Filtered	M	9/3/1996	4.63	<60	<5.0	**290**	**2.0**	**2.0**	<10	--	<20	<10	<3.0	**0.23**	<20	<20	--	<5.0	<5.0	<5.0	<10	<20
SCIMW-5	SCI	Filtered	M	1/20/1997	6.12	<60	<5.0	**62**	**2.7**	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**25**
SCIMW-5	SCI	--	M	5/31/2001	**Well Destroyed**																			
SCIMW-6	SCI	Filtered	C	8/28/1996	4.69	<60	<5.0	**100**	**2.1**	<2.0	<10	--	<20	**59**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**240**
SCIMW-6	SCI	Filtered	C	1/22/1997	4.68	<60	<5.0	**30**	<2.0	<2.0	<10	--	<20	**20**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**72**
SCIMW-6	SCI	Filtered	C	9/23/1998	4.38	<60	<5.0	**73**	**2.5**	<5.0	<10	--	<20	**290**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**80**
SCIMW-6	SCI	Filtered	C	12/10/1998	3.91	<60	<5.0	**48**	<2.0	<5.0	<10	--	<20	**75**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**74**
SCIMW-6	SCI	Filtered	C	5/6/1999	4.39	<60	<5.0	**30**	<2.0	<5.0	<10	--	<20	**21**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**63**
SCIMW-6	SCI	Filtered	C	8/26/1999	6.56	<60	<5.0	**43**	<2.0	<5.0	<10	--	<20	**26**	**4.3**	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**110**
SCIMW-6	SCI	Filtered	C	12/2/1999	4.00	<60	<5.0	**33**	<2.0	<5.0	<10	--	<20	**23**	<3.0	<0.20	<20	<20	--	<5.0	<5.0	<5.0	<10	**92**
SCIMW-7	SCI	Filtered	P/Q	9/6/1996	3.31+	<60	**24**	**280**	<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	**160**
SCIMW-10	SCI	Filtered	J	8/26/1996	7.95	<60	**16**	**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**	**980**	<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	--	**16**	<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**	**260**	<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**	**160**	<2.0	<2.0	<10	--	<20	<10	<3.0	<0.20	<20	**22**	--	**24**	<5.0	<5.0	<10	<20

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HEAVY METAL CONCENTRATIONS IN GROUNDWATER
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	9/26/1998	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**

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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 (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
MW-1	SCI	F	9/25/1998	4.68	6.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	SCI	F	12/3/1999	4.59	6.73	--	-92.7	-101.2	--	7,831	--	20.03	19.56	--	--	--	--	--	3.58
MW-1	SCI	F	5/31/2001	**Well Destroyed**															
MW-2	SCI	F	9/23/1998	5.29	6.74	--	-53.0	--	--	--	--	--	--	--	--	--	--	--	0.12
MW-2	SCI	F	12/3/1999	5.27	6.92	--	12463.0	22,352.0	--	8,800	--	20.41	19.15	--	--	--	--	--	3.39
MW-2	SCI	F	1/23/2003	5.10	6.88	--	-122.0	-124.6	--	11,840	--	18.91	19.11	--	--	--	--	--	1.26
MW-2	Fugro	F	10/4/2004	5.35	6.57	--	-159.0	-155.3	--	16,640	--	20.21	20.81	--	--	--	--	--	1.12
MW-2	Fugro	F	10/7/2005	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 (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-1	SCI	E/H	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

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-4	SCI	L	12/3/1999	6.82	6.79	--	-131.8	-128.7	--	5,022	--	19.21	21.33	--	--	--	--	--	0.78
SCIMW-5	SCI	M	9/17/1998	5.78	6.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCIMW-5	SCI	M	12/17/1998	5.64	6.81	--	130.6	--	--	--	--	--	--	--	--	--	--	--	2.41
SCIMW-5	SCI	M	5/6/1999	5.26	6.65	--	330.6	-36.9	--	16,030	--	15.72	15.95	15.02	20.59	--	--	6.91	0.63
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

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	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
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-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

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	8/26/1999	4.31	7.28	--	145.5	139.9	--	21,644	6,530	--	--	--	--	6.5	--	--	4.49
SCIMW-11	SCI	N	12/1/1999	4.07	6.52	--	286.4	-56.1	--	9,560	7,850	17.52	18.37	--	--	5.1	--	--	5.53
SCIMW-11	SCI	N	4/6/2000	2.49	6.74	--	312.5	-87.5	--	5,980	5,280	16.74	16.99	--	--	11.0	--	--	3.89
SCIMW-11	SCI	N	10/4/2000	4.00	6.19	--	82.9	-65.1	--	11,480	--	19.77	21.54	--	--	--	--	--	5.68
SCIMW-11	SCI	N	5/2/2001	2.54	6.61	--	-16.1	-15.3	--	8,460	--	18.24	15.94	--	--	--	--	--	6.73
SCIMW-11	SCI	N	11/27/2001	5.94	7.04	--	--	--	--	7,304	--	16.67	14.93	--	--	--	--	--	2.86
SCIMW-11	SCI	N	7/30/2002	2.64	7.73	--	130.1	-64.05	--	9,926	--	21.32	20.30	--	--	--	--	--	5.59
SCIMW-11	SCI	N	1/22/2003	3.59	6.15	--	-33.5	25.5	--	12,860	--	17.29	16.40	--	--	--	--	--	2.19
SCIMW-11	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
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

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-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
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

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-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
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

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-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
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-25	SCI	H	5/30/2001	**Well Destroyed**															

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-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
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

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-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
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

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION Port of Oak. Datum (FEET)	pH FIELD, BEFORE SAMPLING	pH LABORATORY	Eh FIELD, BEFORE PURGE (mV)	Eh FIELD, BEFORE SAMPLING (mV)	Eh LABORATORY	TDS FIELD, BEFORE PURGE (mg/L)	TDS LABORATORY (mg/L)	TEMPERATURE FIELD, BEFORE PURGE (°C)	TEMPERATURE FIELD, BEFORE SAMPLING (°C)	SALINITY FIELD, BEFORE PURGE (mg/L)	SALINITY FIELD, BEFORE SAMPLING (mg/L)	DISSOLVED ORGANIC CARBON (mg/L)	TOTAL ORGANIC CARBON (mg/L)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (%)	DISSOLVED OXYGEN FIELD, BEFORE PURGE (mg/L)
SCIMW-32	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-34	SCI	R	9/24/1998	4.87	6.87	6.3	--	--	-15.0	15,000	--	--	22.11	--	--	12	--	--	--
SCIMW-34	SCI	R	12/11/1998	4.91	6.78	6.5	-110.2	-60.9	118.0	6,520	--	--	--	--	--	11	--	--	2.33
SCIMW-34	SCI	R	5/5/1999	4.49	6.82	--	-52.3	-43.3	--	6,775	15,500	15.57	14.75	--	--	4.9	--	46.1	--
SCIMW-34	SCI	R	8/26/1999	6.86	6.63	--	29.4	8.6	--	13,905	11,400	--	--	--	--	5.7	--	--	1.36
SCIMW-34	SCI	R	12/2/1999	4.70	6.91	--	174.8	23.0	--	11,810	14,400	17.46	17.16	--	--	7.2	--	--	4.35
SCIMW-34	SCI	R	4/6/2000	5.50	6.97	--	202.4	194.9	--	12,510	14,400	14.61	14.53	--	--	6.0	--	--	3.87
SCIMW-34	SCI	R	10/5/2000	5.94	6.40	--	8.2	14.2	--	9,020	--	20.0	18.60	--	--	--	--	--	2.47
SCIMW-34	SCI	R	5/2/2001	4.46	6.05	--	-19.4	-18.1	--	7,980	--	16.02	15.22	--	--	--	--	--	2.31
SCIMW-34	SCI	R	11/29/2001	4.78	6.41	--	--	--	--	18,060	--	17.90	17.50	--	--	--	--	--	1.92
SCIMW-34	SCI	R	7/30/2002	4.69*	7.42	--	8.6	-15.4	--	16,980	--	17.21	17.58	--	--	--	--	--	4.91
SCIMW-34	SCI	R	1/22/2003	5.09	6.74	--	-74.0	-99.0	--	10,060	--	14.58	15.22	--	--	--	--	--	2.02
SCIMW-34	Fugro	R	10/6/2004	4.88	6.29	--	211.1	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

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-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

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	6.43	<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	8/26/1996	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	4.66	<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-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	--

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

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

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

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

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

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

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

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

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

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

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

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

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

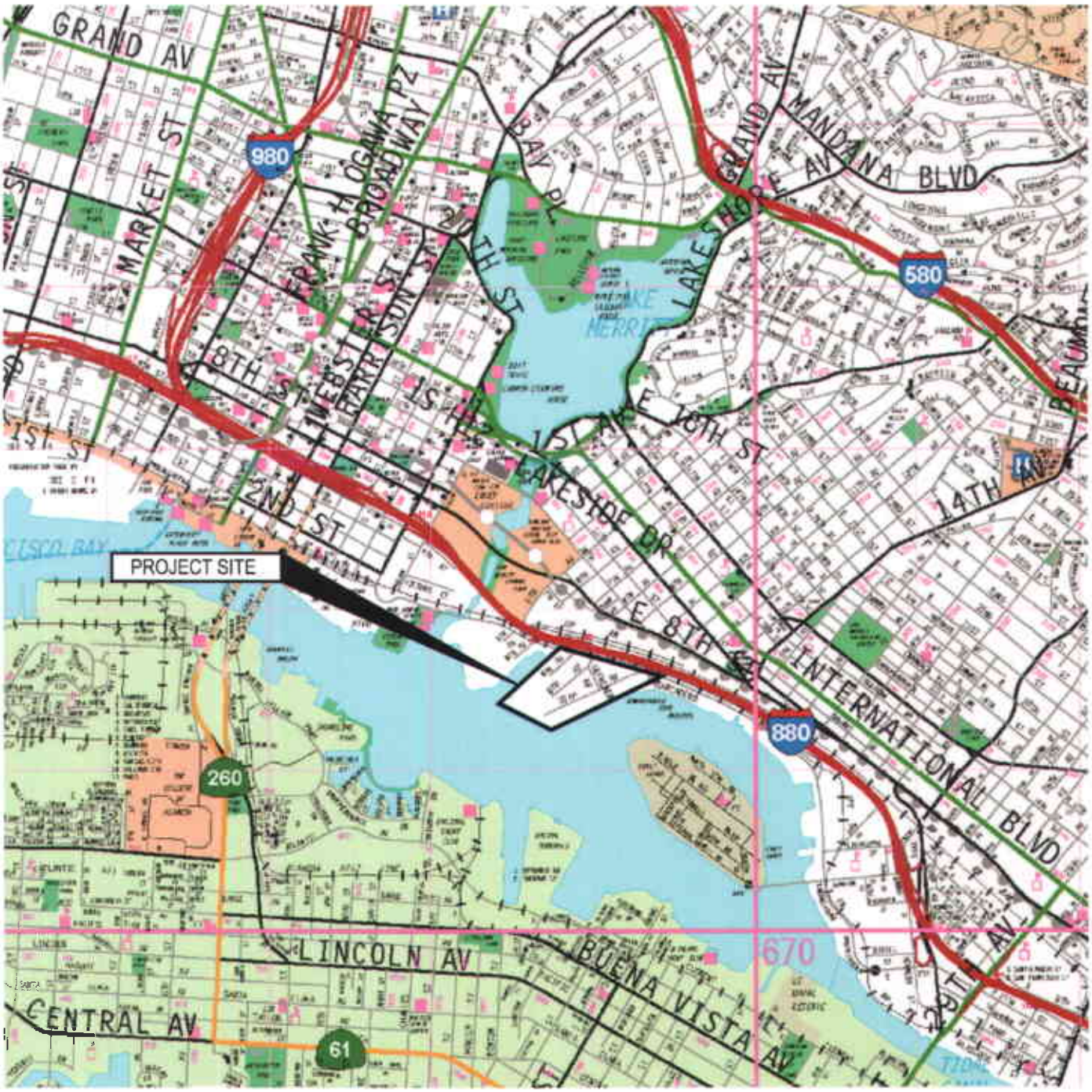
Fugro West, Inc. (Fugro) acquired the assets of Subsurface Consultants, Inc. (SCI) in September 2001.

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

SAMPLE DESIGNATION	CONSULTANT	SITE REF AREA	DATE SAMPLED	GROUNDWATER ELEVATION rt of Oak. Datu (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.



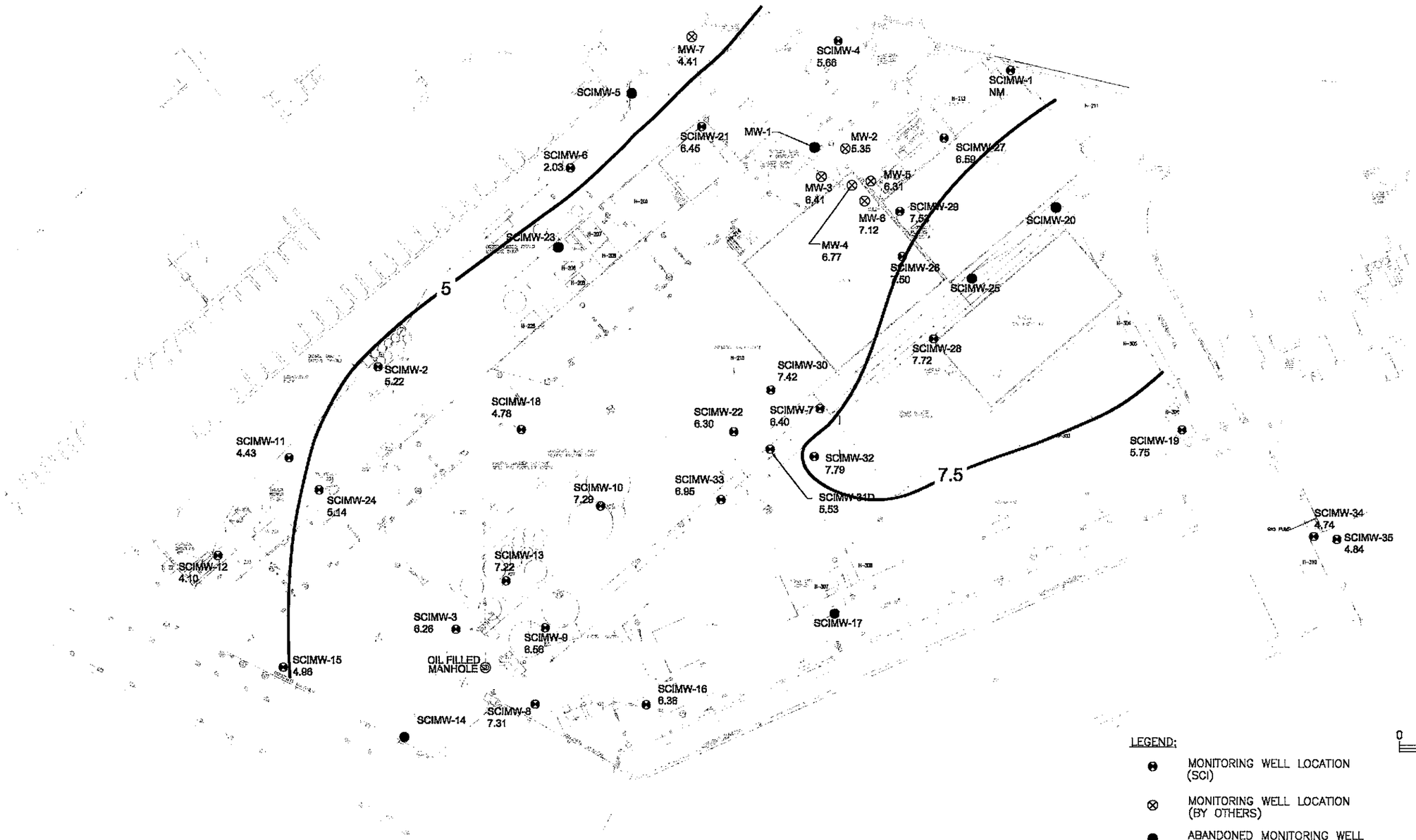
SOURCE: THIS VICINITY MAP IS BASED ON A THOMAS GUIDE MAP FOR SAN FRANCISCO, ALAMEDA AND CONTRA COSTA COUNTIES, CALIFORNIA, MAP 649, YEAR 2000.

NORTH
0 2400 4800
FEET

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

PLATE 1

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



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

NORTH

0 150 300
FEET

LEGEND:

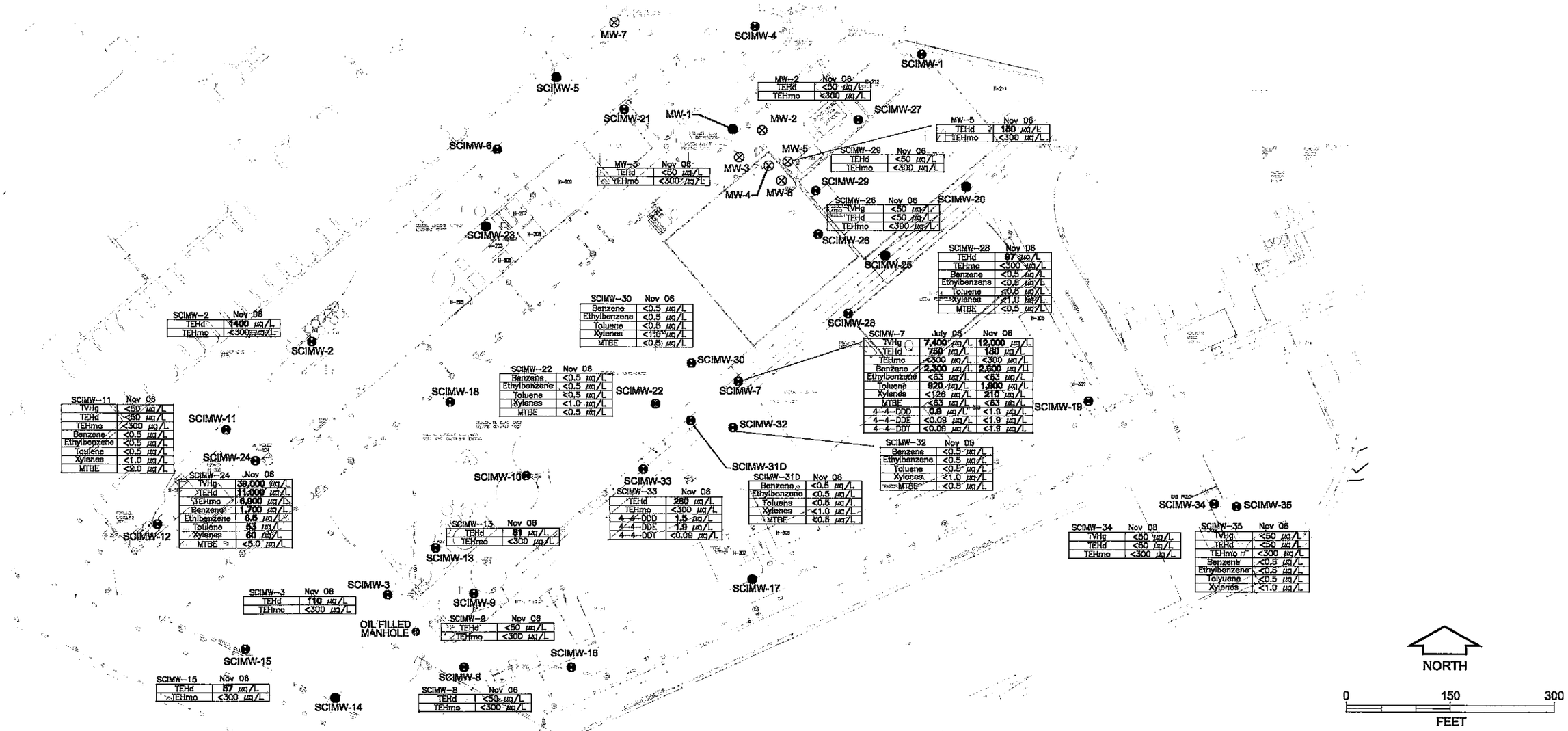
- ⊕ MONITORING WELL LOCATION (SCI)
- ⊗ MONITORING WELL LOCATION (BY OTHERS)
- ● ABANDONED MONITORING WELL LOCATION
- NM NOT MEASURED
- * GROUNDWATER ELEVATION FROM WELLS MW--2 AND MW--3 WERE NOT USED IN THE CALCULATION OF GROUNDWATER GRADIENT

GROUNDWATER ELEVATIONS
FALL 2006
Ninth Avenue Terminal
Port of Oakland, California

PLATE 2

G: \jobdocs\133\133.023\Drawings\B133_023_02_rev2.dwg 1--29--07 09:06:17 AM rkandah

Port of Oakland
Project No. 133.023



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

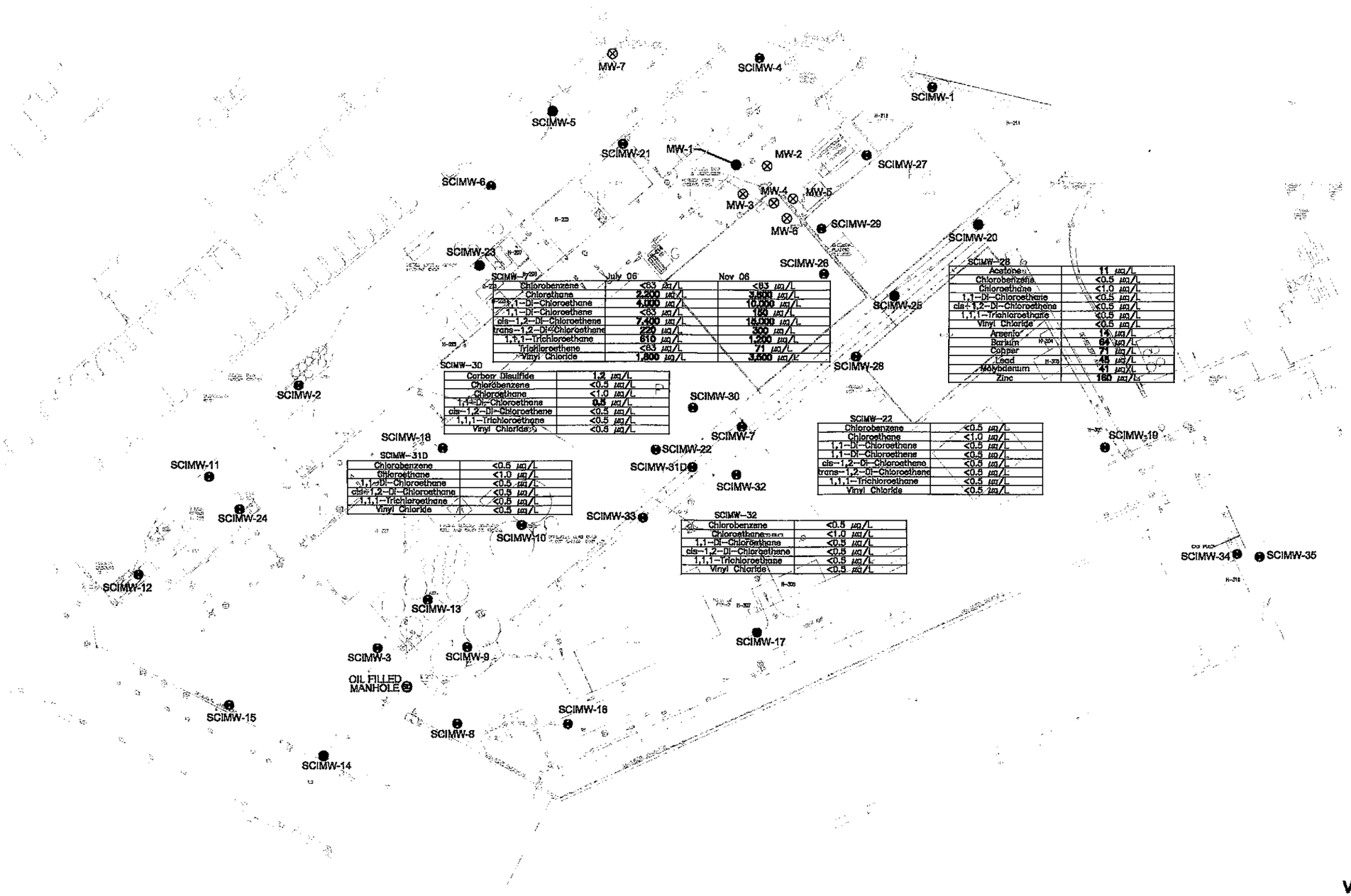
LEGEND:

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

PETROLEUM AND PESTICIDE CONCENTRATIONS
SUMMER QUARTERLY AND FALL ANNUAL 2006
Ninth Avenue Terminal
Port of Oakland, California

PLATE 3

G:\jobdocs\133\133.023\Drawings\B133_023_03.dwg 1-29-07 09:04:14 AM rkandah



SCIMW-23	July 06	Nov 06
Chlorobenzene	<63 µg/L	<63 µg/L
Chloroethane	2,200 µg/L	3,800 µg/L
1,1-Di-Chloroethane	4,000 µg/L	10,000 µg/L
1,1-Di-Chloroethene	<63 µg/L	160 µg/L
cis-1,2-Di-Chloroethene	7,400 µg/L	15,000 µg/L
trans-1,2-Di-Chloroethene	220 µg/L	300 µg/L
1,1,1-Trichloroethane	610 µg/L	1,200 µg/L
Trichloroethene	<63 µg/L	71 µg/L
Vinyl Chloride	1,800 µg/L	3,500 µg/L

SCIMW-28	
Acetone	11 µg/L
Chlorobenzene	<0.5 µg/L
Chloroethane	<1.0 µg/L
1,1-Di-Chloroethene	<0.5 µg/L
cis-1,2-Di-Chloroethene	<0.5 µg/L
1,1,1-Trichloroethane	<0.5 µg/L
Vinyl Chloride	<0.5 µg/L
Arsenic	14 µg/L
Barium	64 µg/L
Copper	71 µg/L
Lead	45 µg/L
Molybdenum	41 µg/L
Zinc	160 µg/L

SCIMW-30	
Carbon Disulfide	1.2 µg/L
Chlorobenzene	<0.5 µg/L
Chloroethane	<1.0 µg/L
1,1-Di-Chloroethene	0.5 µg/L
cis-1,2-Di-Chloroethene	<0.5 µg/L
1,1,1-Trichloroethane	<0.5 µg/L
Vinyl Chloride	<0.5 µg/L

SCIMW-22	
Chlorobenzene	<0.5 µg/L
Chloroethane	<1.0 µg/L
1,1-Di-Chloroethane	<0.5 µg/L
1,1-Di-Chloroethene	<0.5 µg/L
cis-1,2-Di-Chloroethene	<0.5 µg/L
trans-1,2-Di-Chloroethene	<0.5 µg/L
1,1,1-Trichloroethane	<0.5 µg/L
Vinyl Chloride	<0.5 µg/L

SCIMW-31D	
Chlorobenzene	<0.5 µg/L
Chloroethane	<1.0 µg/L
1,1-Di-Chloroethane	<0.5 µg/L
cis-1,2-Di-Chloroethene	<0.5 µg/L
1,1,1-Trichloroethane	<0.5 µg/L
Vinyl Chloride	<0.5 µg/L

SCIMW-32	
Chlorobenzene	<0.5 µg/L
Chloroethane	<1.0 µg/L
1,1-Di-Chloroethane	<0.5 µg/L
cis-1,2-Di-Chloroethene	<0.5 µg/L
1,1,1-Trichloroethane	<0.5 µg/L
Vinyl Chloride	<0.5 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
SUMMER QUARTERLY AND FALL ANNUAL 2006
Ninth Avenue Terminal
Port of Oakland, California

PLATE 4

APPENDIX A
ACEH LETTER DATED JULY 22, 2004

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

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

July 22, 2004

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

Dear Ms. Heinze:

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

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

TECHNICAL COMMENTS

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

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

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

	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 Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva
DATE: 7/26/06
WEATHER:

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

TOTAL DEPTH OF CASING (BTOC): 14.9 FEET
DEPTH TO GROUNDWATER (BTOC): 5.0 FEET
FEET OF WATER IN WELL: 13 3 FEET

CALCULATED PURGE VOLUME: 6 5 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: none
PURGE METHOD:

MEASUREMENT METHOD: (ELECTRONIC SOUNDER) or OTHER

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (~~g/L~~ Kg/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1415	20.93	6.78	94	0.084	-95.0	2.50	
2.0	1424	24.16	6.74	46	0.031	-76.9	4.85	yellow
4.0	1429	22.03	6.69	37	0.026	-73.8	3.64	"
6.0*	1438	22.27	6.81	53	0.036	-44.5	8.34	turbid

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 8.01 TIME SAMPLED: 1445

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:
12 / ~~none~~ HCL — 40 ML
4 / 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: * purged dry @ 6.0-gallons

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 11/2/06
WEATHER: rain

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

TOTAL DEPTH OF CASING (BTOC): 20.00 ~~14.9~~ FEET

DEPTH TO GROUNDWATER (BTOC): 4.67 FEET 1435

FEET OF WATER IN WELL: _____ FEET

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

FREE PRODUCT: ~~None~~ ~ 0.1 ft

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)								
2								
4.0								
7.5								

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

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

MISC FIELD OBSERVATION: well beneath car w/ multiple flat tires.
purged 6 gallons product water mixture

FUGRO

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: Sunny, 70°

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

TOTAL DEPTH OF CASING (BTOC): ~~14.0~~ 14.65 FEET

CALCULATED PURGE VOLUME: 4.81 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

DEPTH TO GROUNDWATER (BTOC): 4.82 FEET

FEET OF WATER IN WELL: 9.83 FEET

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1100	21.10	6.63	20,655	14.53	-62.6	7.25	7.33
1.5	1107	20.92	6.83	22,014	15.57	-71.9	sat	turbid
3.0	1111	20.91	6.84	22,074	15.56	-63.5	6.78	"
3.5*	1113	20.88	6.87	22,291	15.73	-76.1	7.15	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 3.84 TIME SAMPLED: 1100 (11/2/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

4 / none — 40 ML	2 / 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: * purged dry @ 3.5 gallons

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER:

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

TOTAL DEPTH OF CASING (BTOC): 17.93 ~~14.9~~ FEET

CALCULATED PURGE VOLUME: 6.0 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

DEPTH TO GROUNDWATER (BTOC): 5.66 FEET

FEET OF WATER IN WELL: 12.27 FEET

FREE PRODUCT: yes, 0.1 inches

PURGE METHOD:

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER tape measure w/paste

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
~~Downlode~~ (Pre-Purge)	1300	23.40	7.06	12,960	8.675	-255.8	17.44	sheen, product globs
2.0	1304	23.53	6.84	13,274	8.997	-252.6	21.84	"
4.0	1308	23.42	6.77	15,078	10.13	-255.6	26.00	"
6.0	1312	22.22	6.82	23,160	16.41	-257.8	21.79	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.71 TIME SAMPLED: 1220 (11/1/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

4 / none — 40 ML	2 / 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:

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: Sunny, breezy, 65-70°

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

TOTAL DEPTH OF CASING (BTOC): 18.32 ~~14.9~~ FEET

DEPTH TO GROUNDWATER (BTOC): 4.89 FEET

FEET OF WATER IN WELL: 13.43 ~~9.01~~ FEET

CALCULATED PURGE VOLUME: 6.57 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1527	21.02	6.29	14,458	10.17	-178.7	5.43	
2	1532	20.59	6.44	16,459	11.69	-134.2	15.66	slight sulfur odor, clear
4	1534	20.49	6.45	17,664	12.72	-128.8	20.87	"
6.5	1537	19.40	6.69	28,877	21.02	-141.1	24.58	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 6.1 TIME SAMPLED: 1455 (11/1/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

4 / 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:

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: partly cloudy / 65° to 70°

WELL NO.: SC1MW-8
WELL CASING DIAMETER: 2"
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 18.05 FEET

DEPTH TO GROUNDWATER (BTOC): 5.56 FEET

FEET OF WATER IN WELL: 12.49 FEET

CALCULATED PURGE VOLUME: 6.11 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1128	23.18	6.51	7993	5.394	-94.4	5.44	
2.0	1138	22.69	6.68	11,451	7.774	-88.0	9.57	turbid
4.0	1145	22.77	6.69	11,246	7.625	-88.7	9.32	"
6.0	1151	22.27	6.72	15,844	10.86	-111.3	9.31	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.62 TIME SAMPLED: 1130 11/1/06

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

4 / none — 40 ML	2 / 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:

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: partly cloudy / 65 to 70°

WELL NO.: ECMW-9
WELL CASING DIAMETER: 2"
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): 18.44 ~~17.9~~ FEET
DEPTH TO GROUNDWATER (BTOC): 4.80 FEET
FEET OF WATER IN WELL: 13.64 FEET

CALCULATED PURGE VOLUME: 6.67 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: none
PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1212	23.07	6.50	13,291	8.999	-123.8	4.29	
1.5	1218	23.27	6.68	14,650	9.865	-171.1	9.22	turbid
4.0	1221	23.20	6.69	15,894	10.72	-189.0	9.83	"
7.0	1225	22.07	6.78	24,756	17.05	-206.2	15.12	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.02
TIME SAMPLED: 1215 11/2/06 ~~1200 11/1/06~~

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

4 / none — 40 ML	2 / 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:

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 11/1/06
WEATHER: partly cloudy, 65 to 70°

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

TOTAL DEPTH OF CASING (BTOC): ~~44.9~~ 16.15 FEET

CALCULATED PURGE VOLUME: 5.88 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

DEPTH TO GROUNDWATER (BTOC): 4.11 FEET

FREE PRODUCT: none

FEET OF WATER IN WELL: 12.04 FEET

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1034	20.43	6.77	15,902	11.32	79.5	6.62	
2	1041	20.58	7.06	16,803	11.90	-121.1	7.74	turbid
4	1045	20.71	7.07	15,079	10.67	-112.6	7.39	"
6	1049	20.77	7.14	12,477	8.896	-98.4	6.32	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 2.12' TIME SAMPLED: 1038 (11/06/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

2 / none — 40 ML	2 / 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: _____

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: Sunny, 65 to 70°

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

TOTAL DEPTH OF CASING (BTOC): 18.61 ~~14.9~~ FEET

DEPTH TO GROUNDWATER (BTOC): 5.63 FEET

FEET OF WATER IN WELL: 12.98 FEET

CALCULATED PURGE VOLUME: 6.35 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: None

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1232	23.05	6.67	15,953	10.79	-278.1	11.34	
1.5	1236	23.03	6.79	18,142	12.18	-281.9	43.15	Sulfur odor
4.0	1240	23.05	6.80	18,285	12.35	-308.4	35.41	"
6.5	1245	21.89	6.81	30,632	21.20	-288.3	8.64	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.78 TIME SAMPLED: 1212 (11/1/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / none — 40 ML	1 / 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: _____

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 11/01/06
WEATHER: Sunny, 70°

WELL NO.: SCMW-15
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 15.85 FEET

DEPTH TO GROUNDWATER (BTOC): 8.50 FEET

FEET OF WATER IN WELL: 7.35 FEET

CALCULATED PURGE VOLUME: 3.59 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bail

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1059	19.92	6.70	4488	3.238	-77.8	2.67	
1.5	1105	19.96	6.79	4917	3.535	-85.5	4.90	turbid
3.0	1108	20.06	6.83	4616	3.311	-89.9	4.88	"
4.0	1110	20.09	6.85	4469	3.202	-90.6	4.52	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 8.53' TIME SAMPLED: 1315 (11/2/06)

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: _____

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 11/1/06
WEATHER: Overcast, 70°

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

TOTAL DEPTH OF CASING (BTOC): 14.43 FEET

CALCULATED PURGE VOLUME: 4.32 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

DEPTH TO GROUNDWATER (BTOC): 5.60 FEET

FREE PRODUCT: none

FEET OF WATER IN WELL: 8.83 FEET

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER peristaltic pump

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1300	24.16	6.67	29,860	19.70	-183.6	6.21	
1.5	1304	23.98	6.82	29,921	19.95	-207.9	8.91	yellow, turbid
3.0	1306	24.21	6.93	30,317	20.01	-259.1	12.03	"
4.5	1308	24.16	6.94	30,440	20.10	-284.8	12.09	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.84 TIME SAMPLED: 1415 (11/02/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

4 / none — 40 ML	2 / 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: _____

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: Sunny, 65 to 70°

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

TOTAL DEPTH OF CASING (BTOC): ~~17.9~~ 17.01 FEET

DEPTH TO GROUNDWATER (BTOC): 4.59 FEET

FEET OF WATER IN WELL: 12.42 FEET

CALCULATED PURGE VOLUME: 5.99 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: sheen

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1347	23.39	6.45	3355	2.245	-83.5	13.70	
2	1353	22.88	6.61	7755	5.248	-86.7	25.50	hydrocarbon odor, sheen
4	1358	23.07	6.62	5078	3.417	-89.0	25.40	"
6	1402	23.34	6.66	3468	2.330	-91.7	22.68	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.50 TIME SAMPLED: 1110 (11/2/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / none — 40 ML	1 / 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:

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 11/1/06
WEATHER: partly cloudy, 65-70°

WELL NO.: SCMW-26
WELL CASING DIAMETER: _____
TOC ELEVATION: _____

17.91
TOTAL DEPTH OF CASING (BTOC): ~~17.0~~ _____ FEET

DEPTH TO GROUNDWATER (BTOC): 3.95 FEET

FEET OF WATER IN WELL: _____ FEET

CALCULATED PURGE VOLUME: 6.93 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1008	20.71	6.60	14,215	10.07	-88.0	4.37	
2	1016	20.36	6.72	16,304	11.60	-90.9	5.01	turbid
4	10.10	20.55	6.73	15,252	10.83	-91.2	6.62	"
7	10.22	20.61	6.78	14,290	10.13	-91.3	7.37	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 3.47 TIME SAMPLED: 1300 (11/2/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

___ / none	___ / none
40 ML	**LITER**
___ /	___ /
Poly	**OTHER**

ANALYSES: (Note if any samples are field filtered)

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

MISC FIELD OBSERVATION: _____

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: SUNNY, 70°

WELL NO.: SC1MW-28
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): 20.02 ~~44.0~~ FEET

DEPTH TO GROUNDWATER (BTOC): 5.60 FEET

FEET OF WATER IN WELL: 14.42 FEET

CALCULATED PURGE VOLUME: 7.06 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1421	18.35	6.14	691	0.515	-20.9	7.01	
2	1426	18.77	6.50	2,529	1.896	-64.7	10.35	turbid
4	1429	18.66	6.58	4573	3.419	-66.7	9.27	"
7	1432	18.12	6.68	14,395	10.92	-74.5	9.28	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.45 TIME SAMPLED: 1150 (11/6/06)

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

MISC FIELD OBSERVATION: _____

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 11/1/06
WEATHER: Sunny, 68°

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

TOTAL DEPTH OF CASING (BTOC): 18.91 ~~14.9~~ FEET

DEPTH TO GROUNDWATER (BTOC): 5.72 FEET

FEET OF WATER IN WELL: _____ FEET

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

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1429	17.38	6.78	6306	5.194	-94.3	2.73	
2	1432	17.49	6.76	10,431	7.874	-92.1	6.66	sulfur odor, turbid
4	1435	17.46	6.70	12,104	9.253	-139.8	5.91	"
6.5	1440	17.19	6.67	20,609	15.82	-282.6	6.53	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 6.6' TIME SAMPLED: 1600 (11/02/06)

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: _____

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: Sunny, 65-70°

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

TOTAL DEPTH OF CASING (BTOC): 18.79 FEET
DEPTH TO GROUNDWATER (BTOC): 5.82 FEET
FEET OF WATER IN WELL: 12.97 FEET

CALCULATED PURGE VOLUME: 6.35 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: none
PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1459	20.32	6.64	21,763	15.56	-197.0	11.88	
2	1510	20.31	6.82	24,578	17.54	-282.5	26.41	clear, sulfur odor
4	1513	20.40	6.82	24,599	17.53	-290.7	22.41	"
6.5	1518	19.94	6.84	24,836	17.87	-272.4	9.21	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.98 TIME SAMPLED: 1120 (11/06/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / none — 40 ML	2 / 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: _____

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: breezy, 49.31

WELL NO.: SCMW-31D
WELL CASING DIAMETER:
TOC ELEVATION:

TOTAL DEPTH OF CASING (BTOC): ~~44.0~~ FEET

DEPTH TO GROUNDWATER (BTOC): 6.44 FEET

FEET OF WATER IN WELL: 42.87 FEET

CALCULATED PURGE VOLUME: 21 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1604	22.32	6.48	19,770	13.31	-82.2	23.03	
5	1614	21.31	6.73	19,375	13.55	-68.2	43.57	
10	1620	19.93	6.65	20,929	1506	-49.6	36.57	
15	1626	19.87	6.66	21,427	15.44	-16.6	46.64	
21	1636	19.75	6.67	21,236	15.35	3.9	46.12	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 6.71 TIME SAMPLED: 1350 (11/2/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / none — 40 ML	1 / 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:

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 11/1/06
WEATHER: partly sunny, 68-70°

WELL NO.: SCMW-32
WELL CASING DIAMETER: 2"
TOC ELEVATION: _____

TOTAL DEPTH OF CASING (BTOC): ~~14.9~~ 20.05 FEET

CALCULATED PURGE VOLUME: 7.34 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

DEPTH TO GROUNDWATER (BTOC): 5.10 FEET

FREE PRODUCT: none

FEET OF WATER IN WELL: _____ FEET

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1319	23.30	6.59	6493	4.362	-157.6	10.30	
2	1325	23.55	6.69	8349	5.610	-86.7	6.20	turbid
3.5	1330	23.39	6.67	10,641	7.137	-83.3	10.31	"
7.5	1335	22.15	6.72	23,155	16.60	-98.9	5.74	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.02' TIME SAMPLED: 1330 (11/2/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

4 / none — 40 ML	2 / none — LITER
2 / — 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: _____

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 11/01/06
WEATHER: Sunny, 70°

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

16.06

TOTAL DEPTH OF CASING (BTOC): ~~11.0~~ FEET

DEPTH TO GROUNDWATER (BTOC): 4.60 FEET

FEET OF WATER IN WELL: 11.46 FEET

CALCULATED PURGE VOLUME: 5.61 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1230	22.90	6.57	10,985	7.459	-10.9	2.27	
2	1234	22.59	6.74	12,742	8.667	-79.1	5.72	cloudy
4	1237	22.71	6.73	12,787	8.710	-80.7	4.18	"
6	1242	21.85	6.79	18,235	9.754	-100.6	7.00	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.80 TIME SAMPLED: 1230 (11/2/06)

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:

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 11/1/06
WEATHER: Sunny, 68-70°

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

14.91

TOTAL DEPTH OF CASING (BTOC): ~~14.90~~ FEET

DEPTH TO GROUNDWATER (BTOC): 6.07 FEET

FEET OF WATER IN WELL: _____ FEET

CALCULATED PURGE VOLUME: 4.32 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: None

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1346	18.63	7.03	11,103	8.217	-43.5	4.31	
1.5	1350	18.85	7.14	12,717	9.377	-43.3	6.87	turbid
3.0	1353	18.83	7.12	13,132	9.707	-42.1	5.47	"
4.5	1356	18.75	7.01	15,262	11.29	-39.9	7.93	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 7.7' TIME SAMPLED: 1020 (11/2/06)

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

3 / none — 40 ML	1 / 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: _____

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 11/1/06
WEATHER: partly sunny, 68°

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

11.25

TOTAL DEPTH OF CASING (BTOC): ~~[illegible]~~ FEET

DEPTH TO GROUNDWATER (BTOC): 5.26 FEET

FEET OF WATER IN WELL: 5.99 FEET

CALCULATED PURGE VOLUME: 2.9 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1400	19.71	6.62	17,454	12.62	713	2.85	
1	1402	19.54	6.85	17,173	12.99	-17.0	7.10	cloudy
2	1404	19.84	6.82	18,161	13.11	-19.9	6.01	"
3	1406	19.79	6.81	18,437	13.31	-19.8	6.81	"

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 4.2 TIME SAMPLED: 1040 (11/2/06)

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: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: Overcast, 65°

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

TOTAL DEPTH OF CASING (BTOC): 15.15 ~~14.8~~ FEET

CALCULATED PURGE VOLUME: 5.32 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

DEPTH TO GROUNDWATER (BTOC): 4.27 FEET

FREE PRODUCT: none

FEET OF WATER IN WELL: 10.88 FEET

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	0959	21.24	6.64	13,799	9.729	-124.0	9.81	
1.5	1002	20.77	6.81	19,187	13.55	-222.5	14.38	turbid, sulfur odor
~~3.0~~ 3.0*	1005	20.82	6.85	19,487	13.81	-227.4	14.83	"

~~4.85' 12.18"~~

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 7.15 TIME SAMPLED: 11/6/06

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: * purged dry at 3.0 gallons

FUGRO

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: Overcast, 65°

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

TOTAL DEPTH OF CASING (BTOC): 19.71 ~~14.0~~ FEET

DEPTH TO GROUNDWATER (BTOC): 3.90 FEET

FEET OF WATER IN WELL: 15.81 FEET

CALCULATED PURGE VOLUME: 7.74 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none

PURGE METHOD: bailer

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	0929	20.77	7.08	18,876	12.35	138.3	5.61	
2	0937	20.11	7.05	21,732	14.18	-135.4	5.79	turbid, sulfur odor
~~10~~ 5 *	0947	19.17	6.97	24,331	17.80	-20.0	11.76	"
8								

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 11.85 TIME SAMPLED: 1225 (11/6/06)

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

MISC FIELD OBSERVATION: * purged dry @ 5.0 gallons

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 10/31/06
WEATHER: Overcast, 65°

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

TOTAL DEPTH OF CASING (BTOC): ~~19.9~~ 19.71 FEET

DEPTH TO GROUNDWATER (BTOC): 5.69 FEET

FEET OF WATER IN WELL: 14.03 FEET

CALCULATED PURGE VOLUME: 6.86 gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)

FREE PRODUCT: none/sheen *

PURGE METHOD: bail

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

GALLONS REMOVED	TIME	Temp	pH	CONDUCTIVITY (µS/CM)	TDS (g/L)	ORP (mV)	DO (mg/l)	COMMENTS (odor, color, ...)
Downhole (Pre-Purge)	1014	18.81	6.46	5,370	3.956	-198.8	7.52	
2.0	1024	18.70	6.60	12,832	9.446	-66.7	16.34	sheen
4.0	1027	18.73	6.60	13,842	10.55	-173.9	12.43	"
7.0	1033	18.29	6.74	24,779	18.48	-236.5	11.92	

ACTUAL DEPTH TO GROUNDWATER BEFORE SAMPLING (BTOC): 5.66 TIME SAMPLED: 1420 (11/1/06)

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

MISC FIELD OBSERVATION: * not detected w/ interface probe. Sheen on purge water.

WELL SAMPLING FORM

PROJECT NAME: 9th Avenue Terminal - KOT
PROJECT NO.: 133.023
SAMPLED BY: M. Pleva & O. Nzewi
DATE: 1/12/06
WEATHER: rain

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

TOTAL DEPTH OF CASING (BTOC): ~~14.0~~ FEET
DEPTH TO GROUNDWATER (BTOC): 5.12 FEET
FEET OF WATER IN WELL: FEET

CALCULATED PURGE VOLUME: gallons
(feet of water * casing dia^2 * .0408 * # of Volumes)
FREE PRODUCT: ~0.1 ft
PURGE METHOD: bail

MEASUREMENT METHOD: ELECTRONIC SOUNDER or OTHER interface probe

FIELD MEASUREMENTS

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

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

SAMPLING METHOD Bailer

CONTAINERS / PRESERVATIVE:

___/___ none **40 ML**	___/___ none **LITER**
___/___ **Poly**	___/___ **OTHER**

ANALYSES: (Note if any samples are field filtered)

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

MISC FIELD OBSERVATION: purged ~ 3.0 gallons of product and water. purged dry

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

ANALYTICAL REPORT

Prepared for:

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

Date: 23-AUG-06
Lab Job Number: 188374
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:	**188374**
Client:	**Fugro West, Inc.**
Project:	**133.023**
Location:	**9th Ave Terminal/POO(KOT)**
Request Date:	**07/27/06**
Samples Received:	**07/27/06**

This hardcopy data package contains sample and QC results for one water sample, requested for the above referenced project on 07/27/06. The sample was received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
High surrogate recoveries were observed for hexacosane in the MS/MSD for batch 115989; the parent sample was not a project sample. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

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

CHAIN OF CUSTODY

188374

PROJECT NAME: 9th Avenue Terminal - KOT

POJECT NO.: 133.023 LAB: CT

PROJECT CONTACT: Melissa L. Pleva TURNAROUND: Standard

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

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX				CONTAINERS						PRESERVATIVE						SAMPLING DATE										NOTES	ANALYSIS REQUESTED										
		WATER	SOIL	AIR		VOA	LITER	PINT	TUBE			HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	MONTH		DAY		YEAR		TIME					TEHd, mo w/ silica gel (8015m)	TVHg (8015m / 8020)	VOCs (8260 / 8040)	Pesticides (8080)								
-1	SCIMW-7	X				12	4								X			0	7	2	7	0	6	1	4	4	5		X	X	X	X								
-2	trip blank	X				3						X			X																								

CHAIN OF CUSTODY RECORD			
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
Melissa L Pleva	7/27/06 1530	[signature]	7/27/06 3:30
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME

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

COMMENTS & NOTES:

VOCs are Unpreserved

RECD on ice intact

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

Excel

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	188374	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	SCIMW-7	Batch#:	115849
Matrix:	Water	Sampled:	07/27/06
Units:	ug/L	Received:	07/27/06
Diln Fac:	1.000	Analyzed:	07/28/06

Type: SAMPLE Lab ID: 188374-001

Analyte	Result	RL
Gasoline C7-C12	7,400 Y Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	118	69-137
Bromofluorobenzene (FID)	118	80-133

Type: BLANK Lab ID: QC349626

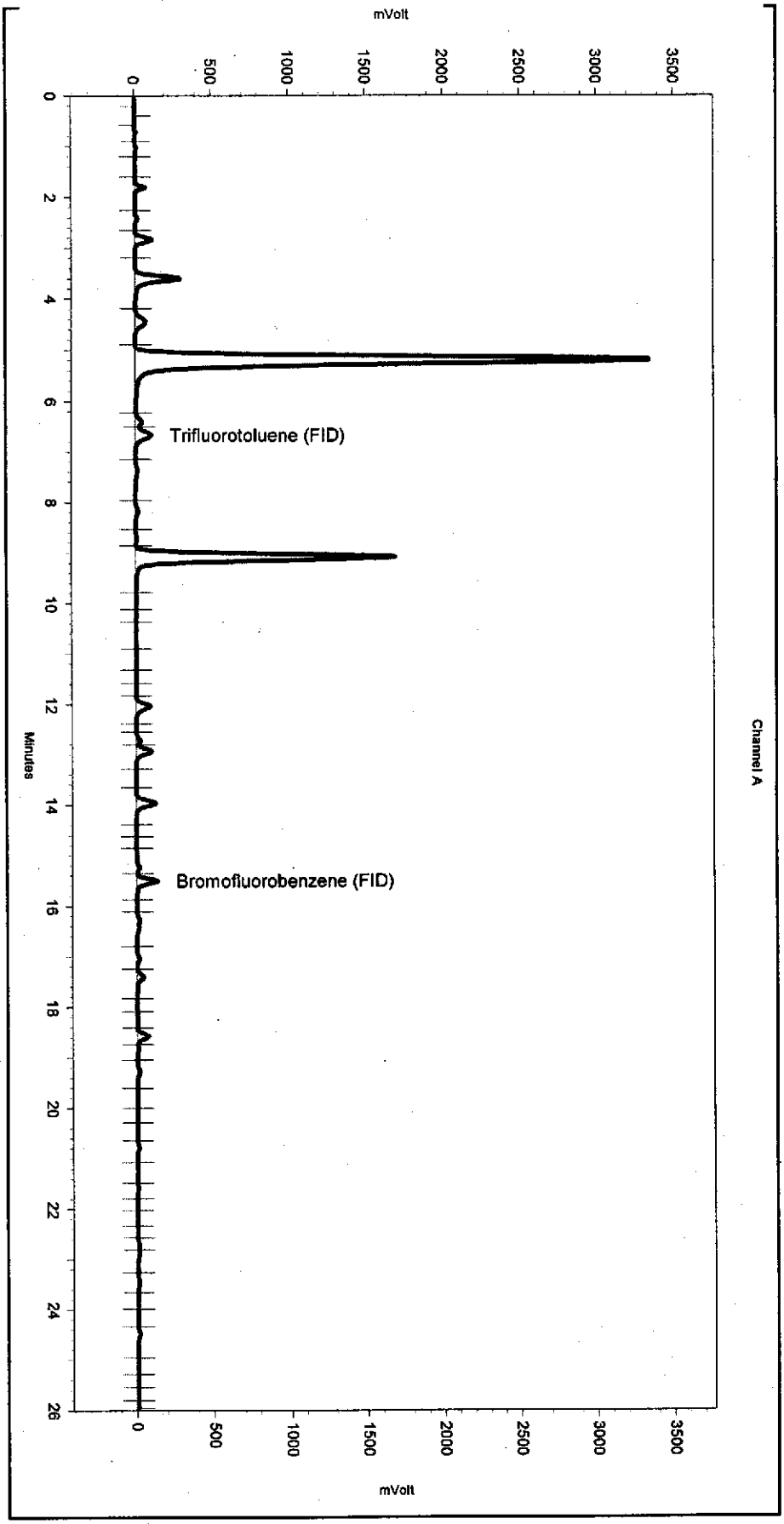
Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	69-137
Bromofluorobenzene (FID)	103	80-133

Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Sample Name: **188374-001,115849,tvh only**
Data File: **D:\GC07\Data\209_015**
Sequence File: **D:\GC07\Sequence\209.seq**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Archive\Method\tvhbtxe193.met

Software Version 3.1.7
Run Date: 7/28/2006 9:55:51 PM
Analysis Date: 7/31/2006 11:09:40 AM
Sample Amount: 5



---< 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: D:\GC07\Data\209_015

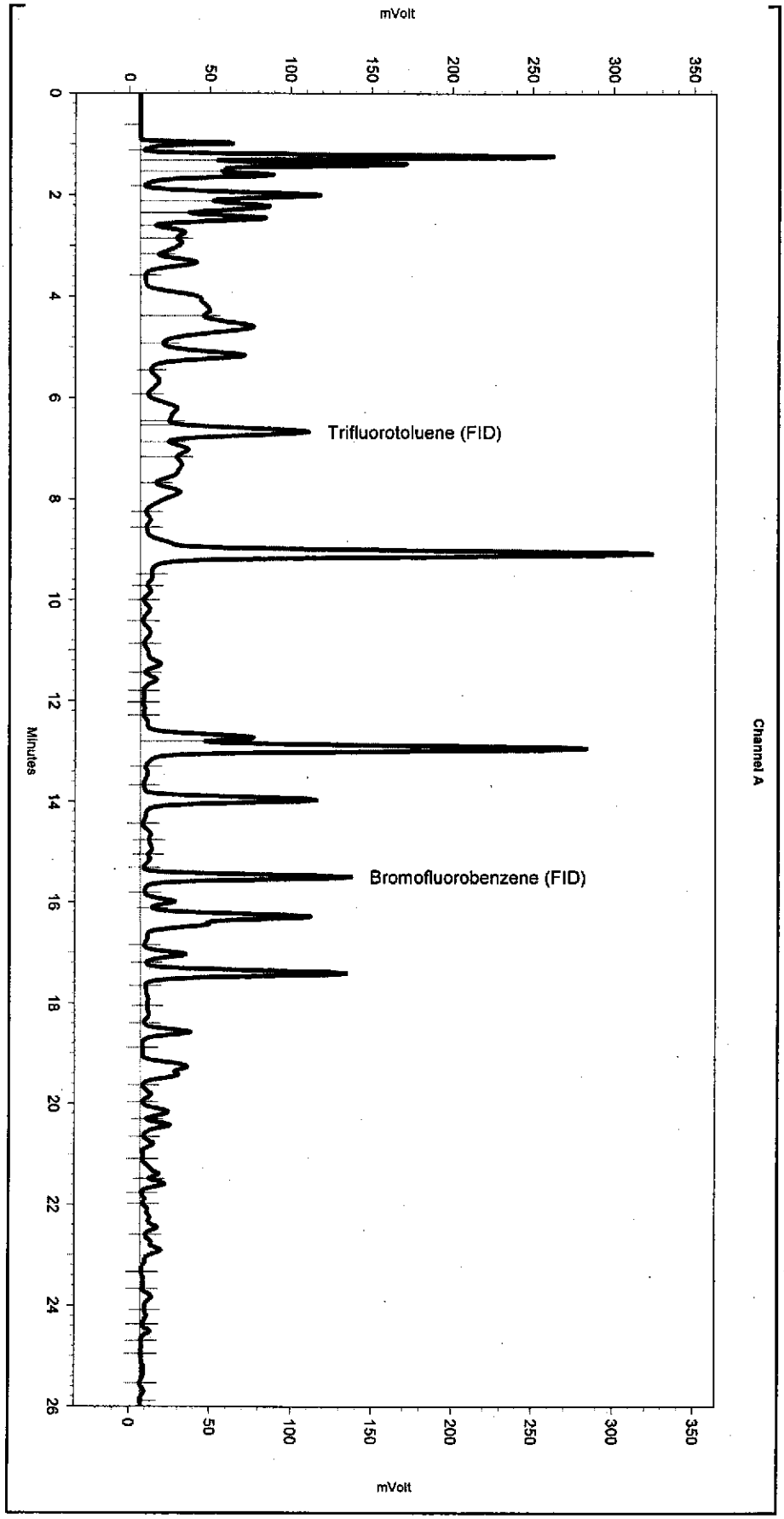
Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

SCIMW-7

Sample Name: ccv/lcs,qc349627,115849,s3982,5/5000
Data File: D:\GC07\Data\209_001
Sequence File: D:\GC07\Sequence\209.seq
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Archive\Method\tvhbtxe193.met

Software Version 3.1.7
Run Date: 7/28/2006 1:11:07 PM
Analysis Date: 7/31/2006 11:08:49 AM
Sample Amount: 5



---< 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: D:\GC07\Data\209_001

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.532	0	0

gasoline

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	188374	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:	QC349627	Batch#:	115849
Matrix:	Water	Analyzed:	07/28/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,969	98	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	69-137
Bromofluorobenzene (FID)	112	80-133

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	188374	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	115849
MSS Lab ID:	188381-003	Sampled:	07/27/06
Matrix:	Water	Received:	07/27/06
Units:	ug/L	Analyzed:	07/28/06
Diln Fac:	1.000		

Type: MS Lab ID: QC349628

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	41.45	2,000	1,879	92	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	111	69-137
Bromofluorobenzene (FID)	110	80-133

Type: MSD Lab ID: QC349629

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,789	87	80-120	5	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	69-137
Bromofluorobenzene (FID)	108	80-133

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	188374	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	SCIMW-7	Sampled:	07/27/06
Matrix:	Water	Received:	07/27/06
Units:	ug/L	Prepared:	08/02/06
Diln Fac:	1.000	Analyzed:	08/04/06
Batch#:	115989		

Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 188374-001

Analyte	Result	RL
Diesel C10-C24	750 L Y	50
Motor Oil C24-C36	ND	300

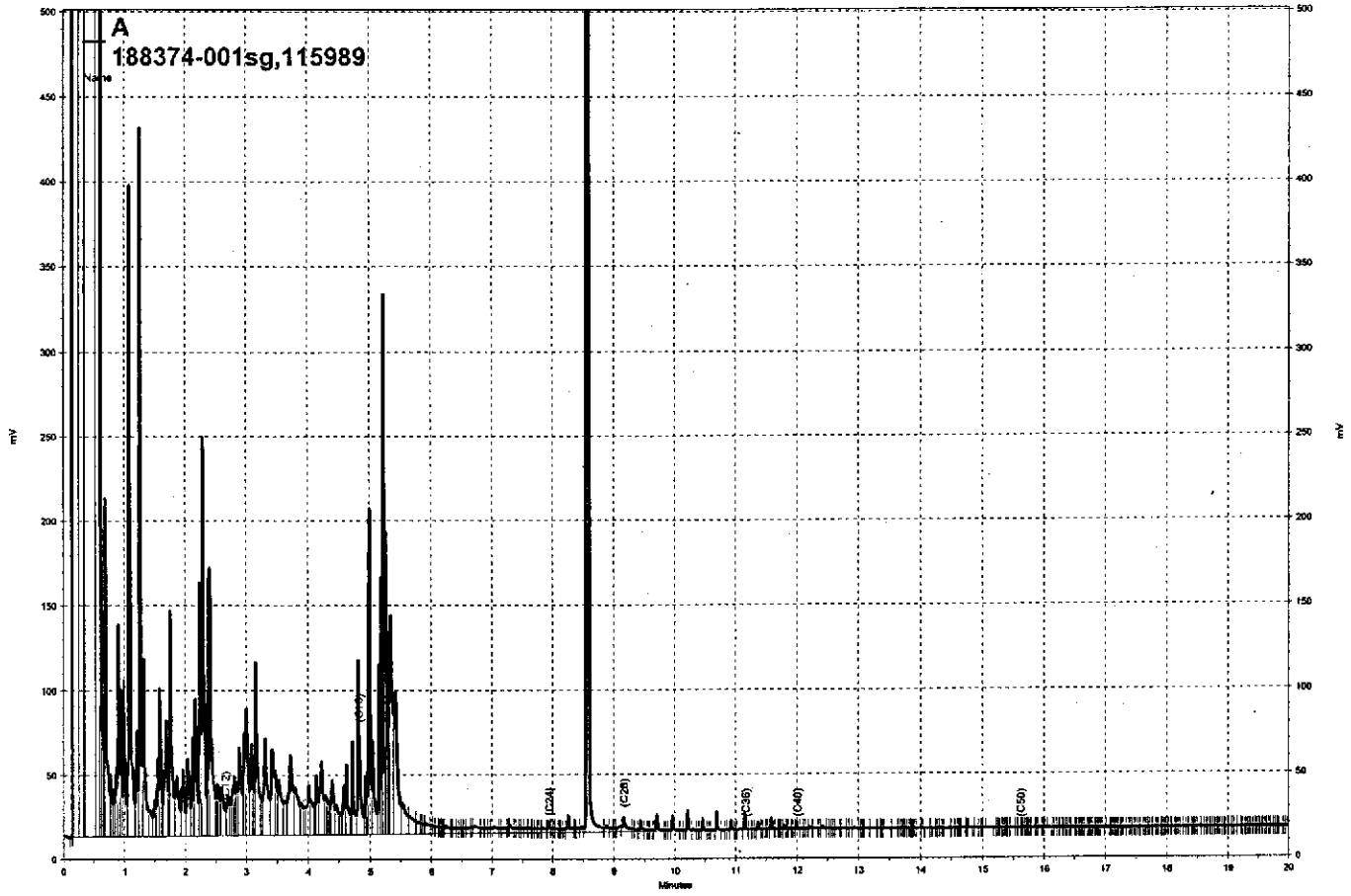
Surrogate	%REC	Limits
Hexacosane	120	65-130

Type: BLANK Cleanup Method: EPA 3630C
Lab ID: QC350175

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

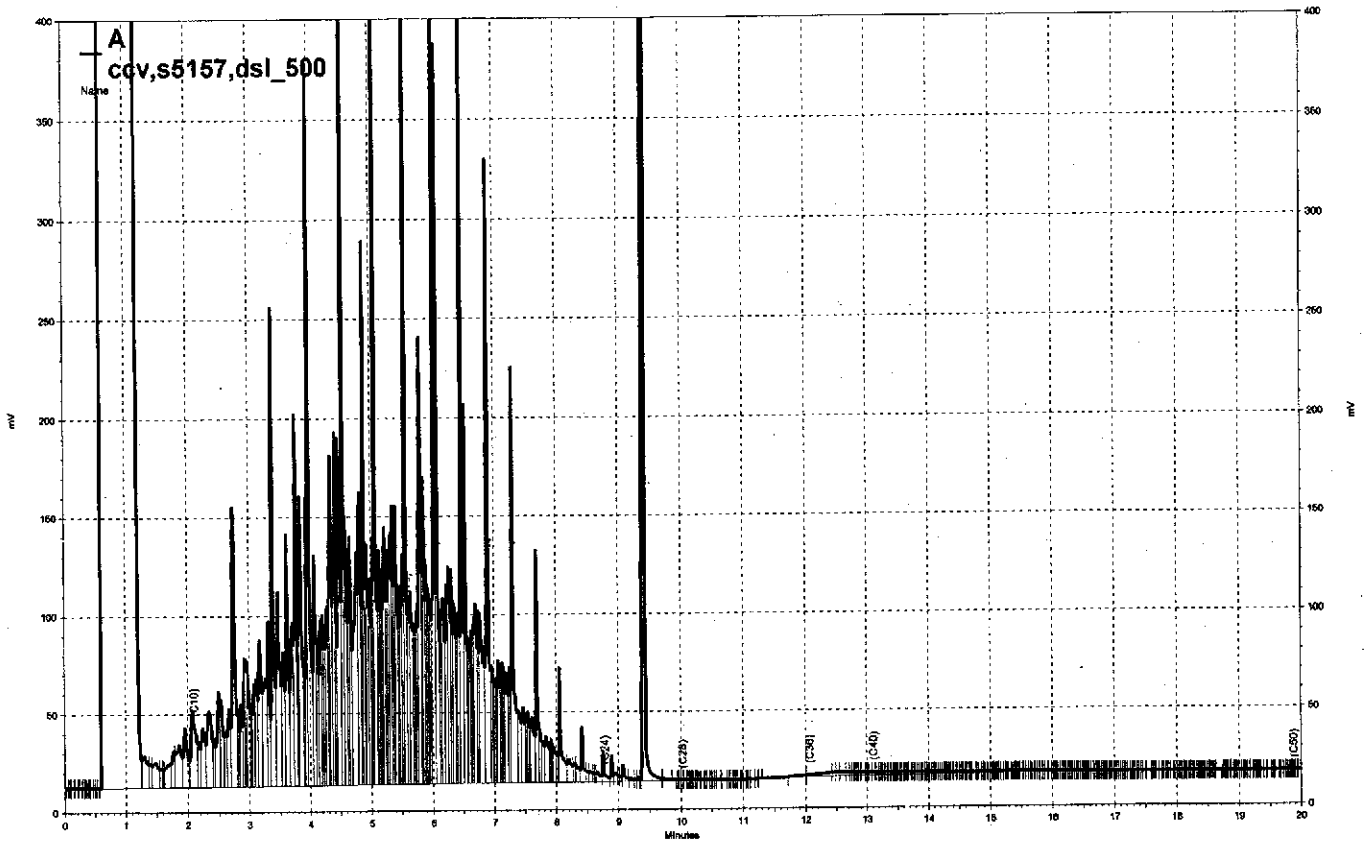
Surrogate	%REC	Limits
Hexacosane	113	65-130

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



D:\GC11A\Data\214a089, A

SCIMW-7



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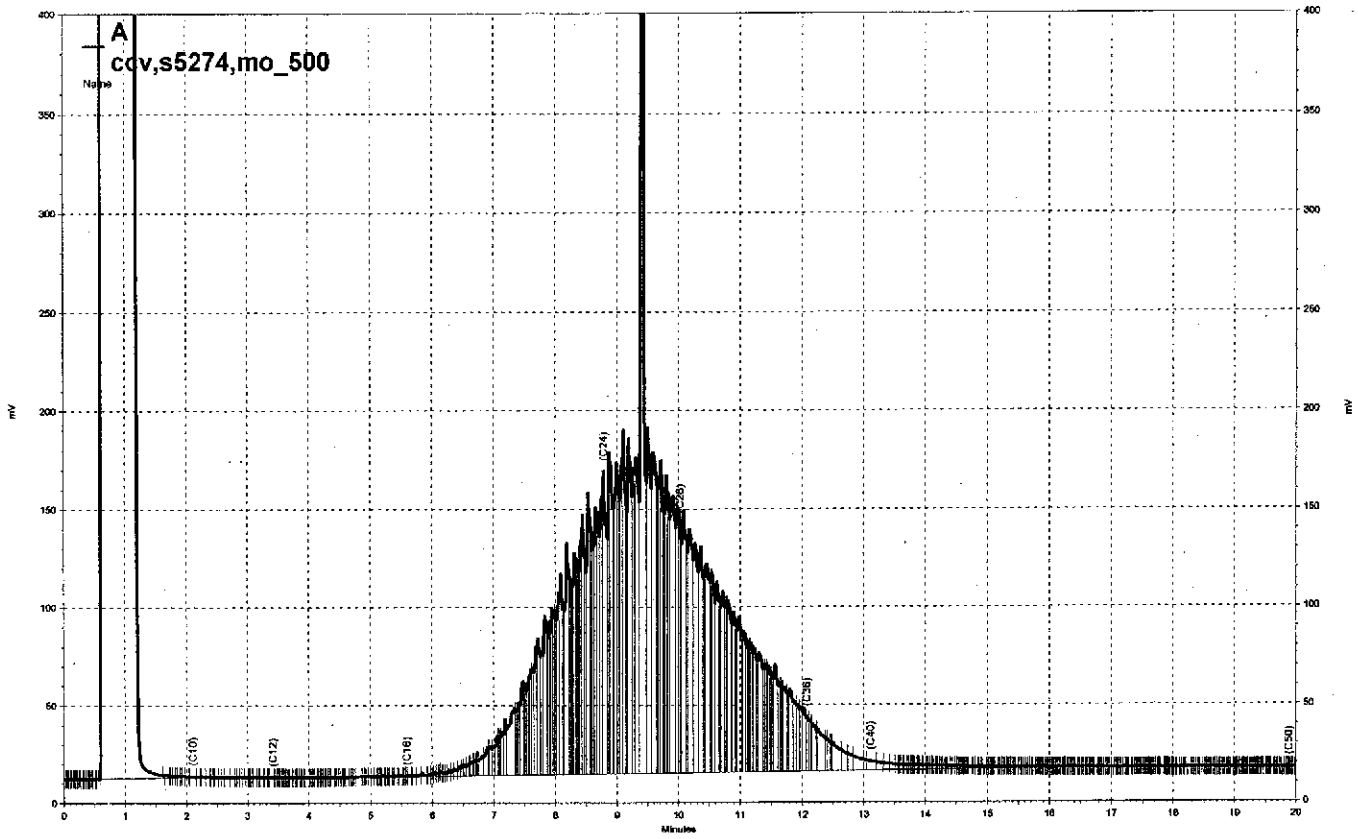
diesel



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motor oil

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	188374	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:	QC350176	Batch#:	115989
Matrix:	Water	Prepared:	08/02/06
Units:	ug/L	Analyzed:	08/04/06

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,404	96	61-133

Surrogate	%REC	Limits
Hexacosane	116	65-130

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	188374	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	115989
MSS Lab ID:	188381-003	Sampled:	07/27/06
Matrix:	Water	Received:	07/27/06
Units:	ug/L	Prepared:	08/02/06
Diln Fac:	1.000	Analyzed:	08/08/06

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC350177

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	2,761	2,500	5,653	116	55-134

Surrogate	%REC	Limits
Hexacosane	133 *	65-130

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC350178

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	5,308	102	55-134	6	27

Surrogate	%REC	Limits
Hexacosane	138 *	65-130

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

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	188374	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	115839
Lab ID:	188374-001	Sampled:	07/27/06
Matrix:	Water	Received:	07/27/06
Units:	ug/L	Analyzed:	07/28/06
Diln Fac:	125.0		

Analyte	Result	RL
Freon 12	ND	130
Chloromethane	ND	130
Vinyl Chloride	1,800	63
Bromomethane	ND	130
Chloroethane	2,200	130
Trichlorofluoromethane	ND	130
Acetone	ND	1,300
Freon 113	ND	63
1,1-Dichloroethene	ND	63
Methylene Chloride	ND	1,300
Carbon Disulfide	ND	63
MTBE	ND	63
trans-1,2-Dichloroethene	220	63
Vinyl Acetate	ND	1,300
1,1-Dichloroethane	4,000	63
2-Butanone	ND	1,300
cis-1,2-Dichloroethene	7,400	63
2,2-Dichloropropane	ND	63
Chloroform	ND	63
Bromochloromethane	ND	63
1,1,1-Trichloroethane	610	63
1,1-Dichloropropene	ND	63
Carbon Tetrachloride	ND	63
1,2-Dichloroethane	ND	63
Benzene	2,300	63
Trichloroethene	ND	63
1,2-Dichloropropane	ND	63
Bromodichloromethane	ND	63
Dibromomethane	ND	63
4-Methyl-2-Pentanone	ND	1,300
cis-1,3-Dichloropropene	ND	63
Toluene	920	63
trans-1,3-Dichloropropene	ND	63
1,1,2-Trichloroethane	ND	63
2-Hexanone	ND	1,300
1,3-Dichloropropane	ND	63
Tetrachloroethene	ND	63

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	188374	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Batch#:	115839
Lab ID:	188374-001	Sampled:	07/27/06
Matrix:	Water	Received:	07/27/06
Units:	ug/L	Analyzed:	07/28/06
Diln Fac:	125.0		

Analyte	Result	RL
Dibromochloromethane	ND	63
1,2-Dibromoethane	ND	63
Chlorobenzene	ND	63
1,1,1,2-Tetrachloroethane	ND	63
Ethylbenzene	ND	63
m,p-Xylenes	ND	63
o-Xylene	ND	63
Styrene	ND	63
Bromoform	ND	130
Isopropylbenzene	ND	63
1,1,2,2-Tetrachloroethane	ND	63
1,2,3-Trichloropropane	ND	63
Propylbenzene	ND	63
Bromobenzene	ND	63
1,3,5-Trimethylbenzene	ND	63
2-Chlorotoluene	ND	63
4-Chlorotoluene	ND	63
tert-Butylbenzene	ND	63
1,2,4-Trimethylbenzene	ND	63
sec-Butylbenzene	ND	63
para-Isopropyl Toluene	ND	63
1,3-Dichlorobenzene	ND	63
1,4-Dichlorobenzene	ND	63
n-Butylbenzene	ND	63
1,2-Dichlorobenzene	ND	63
1,2-Dibromo-3-Chloropropane	ND	250
1,2,4-Trichlorobenzene	ND	63
Hexachlorobutadiene	ND	63
Naphthalene	ND	250
1,2,3-Trichlorobenzene	ND	63

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-120
1,2-Dichloroethane-d4	124	80-130
Toluene-d8	113	80-120
Bromofluorobenzene	106	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	188374	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	115839
Units:	ug/L	Analyzed:	07/28/06
Diln Fac:	1.000		

Type: BS Lab ID: QC349587

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	28.17	113	77-128
Benzene	25.00	27.14	109	80-120
Trichloroethene	25.00	26.55	106	80-120
Toluene	25.00	25.24	101	80-120
Chlorobenzene	25.00	27.01	108	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	109	80-120
1,2-Dichloroethane-d4	120	80-130
Toluene-d8	112	80-120
Bromofluorobenzene	101	80-122

Type: BSD Lab ID: QC349588

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	26.91	108	77-128	5	20
Benzene	25.00	27.05	108	80-120	0	20
Trichloroethene	25.00	26.07	104	80-120	2	20
Toluene	25.00	25.38	102	80-120	1	20
Chlorobenzene	25.00	26.60	106	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	117	80-130
Toluene-d8	108	80-120
Bromofluorobenzene	104	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	188374	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:	QC349589	Batch#:	115839
Matrix:	Water	Analyzed:	07/28/06
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 #:	188374	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:	QC349589	Batch#:	115839
Matrix:	Water	Analyzed:	07/28/06
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	105	80-120
1,2-Dichloroethane-d4	118	80-130
Toluene-d8	110	80-120
Bromofluorobenzene	104	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	188374	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Field ID:	SCIMW-7	Batch#:	115859
Lab ID:	188374-001	Sampled:	07/27/06
Matrix:	Water	Received:	07/27/06
Units:	ug/L	Prepared:	07/28/06
Diln Fac:	1.000	Analyzed:	08/03/06

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	0.9 C	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	0.09
4,4'-DDE	ND	0.09
Endrin	ND	0.09
Endosulfan II	ND	0.09
Endosulfan sulfate	ND	0.09
4,4'-DDD	0.9 C	0.09
Endrin aldehyde	ND	0.09
4,4'-DDT	ND	0.09
alpha-Chlordane	0.05	0.05
gamma-Chlordane	0.9 C	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	0.9

Surrogate	%REC	Limits
TCMX	85	48-125
Decachlorobiphenyl	81	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 #:	188374	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:	QC349680	Batch#:	115859
Matrix:	Water	Prepared:	07/28/06
Units:	ug/L	Analyzed:	08/03/06

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	66	48-125
Decachlorobiphenyl	85	34-130

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	188374	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Matrix:	Water	Batch#:	115859
Units:	ug/L	Prepared:	07/28/06
Diln Fac:	1.000	Analyzed:	08/03/06

Type: BS Lab ID: QC349681

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.1991	100	67-126
Heptachlor	0.2000	0.2041	102	62-122
Aldrin	0.2000	0.1964	98	65-120
Dieldrin	0.4000	0.3928	98	68-130
Endrin	0.4000	0.3913	98	54-133
4,4'-DDT	0.4000	0.4203	105	56-131

Surrogate	%REC	Limits
TCMX	90	48-125
Decachlorobiphenyl	98	34-130

Type: BSD Lab ID: QC349682

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.2000	0.1950	98	67-126	2	21
Heptachlor	0.2000	0.1992	100	62-122	2	26
Aldrin	0.2000	0.1951	98	65-120	1	21
Dieldrin	0.4000	0.3948	99	68-130	0	21
Endrin	0.4000	0.4116	103	54-133	5	38
4,4'-DDT	0.4000	0.4223	106	56-131	0	30

Surrogate	%REC	Limits
TCMX	84	48-125
Decachlorobiphenyl	99	34-130

RPD= Relative Percent Difference

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-NOV-06
Lab Job Number: 190505
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: Carol Wuthmann AMP
Project Manager

Reviewed by: _____
Operations Manager

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**190505**
Client:	**Fugro West, Inc.**
Project:	**133.023**
Location:	**9th Ave Terminal/POO(KOT)**
Request Date:	**11/01/06**
Samples Received:	**11/01/06**

This hardcopy data package contains sample and QC results for six water samples, requested for the above referenced project on 11/01/06. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
High surrogate recoveries were observed for bromofluorobenzene (FID) in the MS/MSD for batch 119041, due to interference from coeluting hydrocarbon peaks; the corresponding trifluorotoluene (FID) surrogate recoveries were within limits, and the parent sample was not a project sample. No other analytical problems were encountered.

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

Volatile Organics by GC/MS (EPA 8260B):
High response was observed for naphthalene in the CCV analyzed 11/06/06 11:23; affected data was qualified with "b". High recoveries were observed for 1,1-dichloroethene in the MS/MSD for batch 119090; the parent sample was not a project sample, the LCS was within limits, the associated RPD was within limits, and these high recoveries were not associated with any reported results. Naphthalene, 1,2,3-trichlorobenzene, and 1,2,4-trichlorobenzene were detected above the RL in the method blank for batch 119090; these analytes were not detected in the sample at or above the RL. No other analytical problems were encountered.

Pesticides (EPA 8081A):
SCIMW-7 (lab # 190505-005) was diluted due to high levels of non-target analytes. No other analytical problems were encountered.

CHAIN OF CUSTODY

190505

PROJECT NAME: 9th Avenue Terminal - KOT

POJECT NO.: 133.023 — LAB: C&T

PROJECT CONTACT: Melissa L. Pleva — TURNAROUND: Standard

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

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX: 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: TEHd, mo w/ silica gel (8015m)	TVHg (8015m / 8020)	TVHg, BTEX (8015m / 8020)	VOCs (8260 / 8040)	MTBE (8260)	Pesticides (8080)	Title 22 Metals (6010/7000) filtered			EDD
-1	SCIMW-8	X					1								X			11	01	06	1130		X									
-2	SCIMW-13	X					1								X			11	01	06	1212		X									
-3	SCIMW-3	X					1								X			11	01	06	1220		X									
-4	SCIMW-5	X					1								X			11	01	06	1420		X									
-5	SCIMW-7	X				6	3								X			11	01	06	1455		X	X		X		X				
-6	SCIMW-7 dup	X				3									X			11	01	06	1503					X						
-7	TRIPBLANK-011106	X				3						X			X																	

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
Melissa L. Pleva	11/1/06 1625		11/1/06 4:7
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:
① Sheen observed on sample
② VOAs are Unpreserved
Temp Blank 4.2°C 11-01-06 CK

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

Anna Pajarillo

From: "Pleva, Melissa" <MPleva@Fugro.com>
To: "Anna M. Pajarillo" <anna@ctberk.com>
Cc: "Alexander, Jeriann" <JAlexander@Fugro.com>
Sent: Wednesday, November 15, 2006 4:31 PM
Subject: RE: 133.023 - C&T Reports (190505)

Please change SCIMW-5 to MW-5. lab id 190505-004

Thanks
Melissa

-----Original Message-----
From: Anna M. Pajarillo [mailto:anna@ctberk.com]
Sent: Wednesday, November 15, 2006 3:19 PM
To: Pleva, Melissa
Subject: 133.023 - C&T Reports (190505)

Attached is a PDF version of the hardcopy reports for C&T job 190505.

Email compiled and sent 11/15/06 03:18 PM.

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	SCIMW-7	Sampled:	11/01/06
Matrix:	Water	Received:	11/01/06
Units:	ug/L	Analyzed:	11/03/06
Batch#:	119041		

Type:	SAMPLE	Diln Fac:	5.000
Lab ID:	190505-005		

Analyte	Result	RL
Gasoline C7-C12	12,000	250

Surrogate	%REC	Limits
Trifluorotoluene (FID)	122	69-137
Bromofluorobenzene (FID)	130	80-133

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC362867		

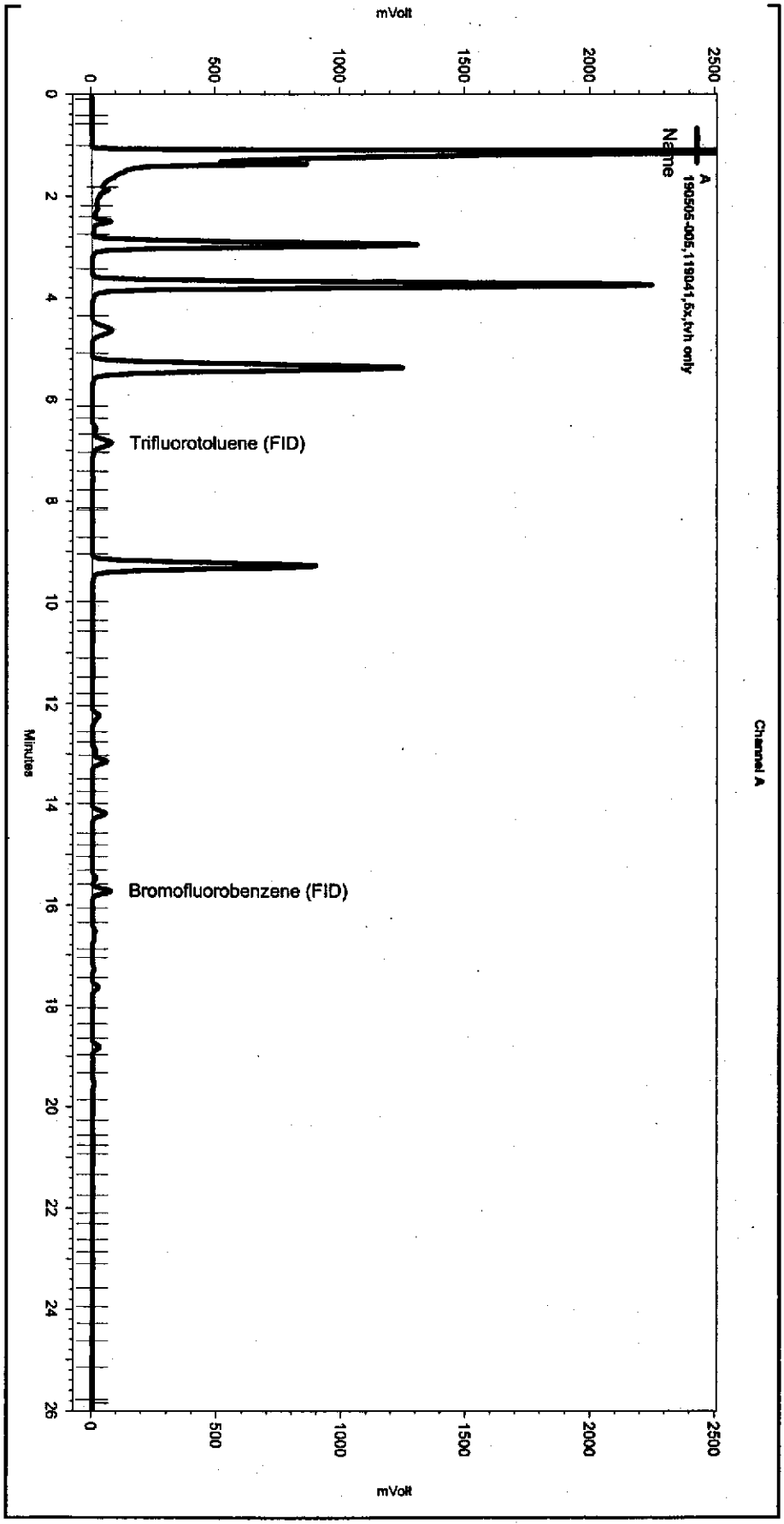
Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	135	69-137
Bromofluorobenzene (FID)	130	80-133

ND= Not Detected
RL= Reporting Limit

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\307.seq
Sample Name: **190505-005,119041,5x,tvh only**
Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\307_017
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe298.met

Software Version 3.1.7
Run Date: 11/3/2006 10:31:37 PM
Analysis Date: 11/6/2006 10:27:38 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: g2.5



—< 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

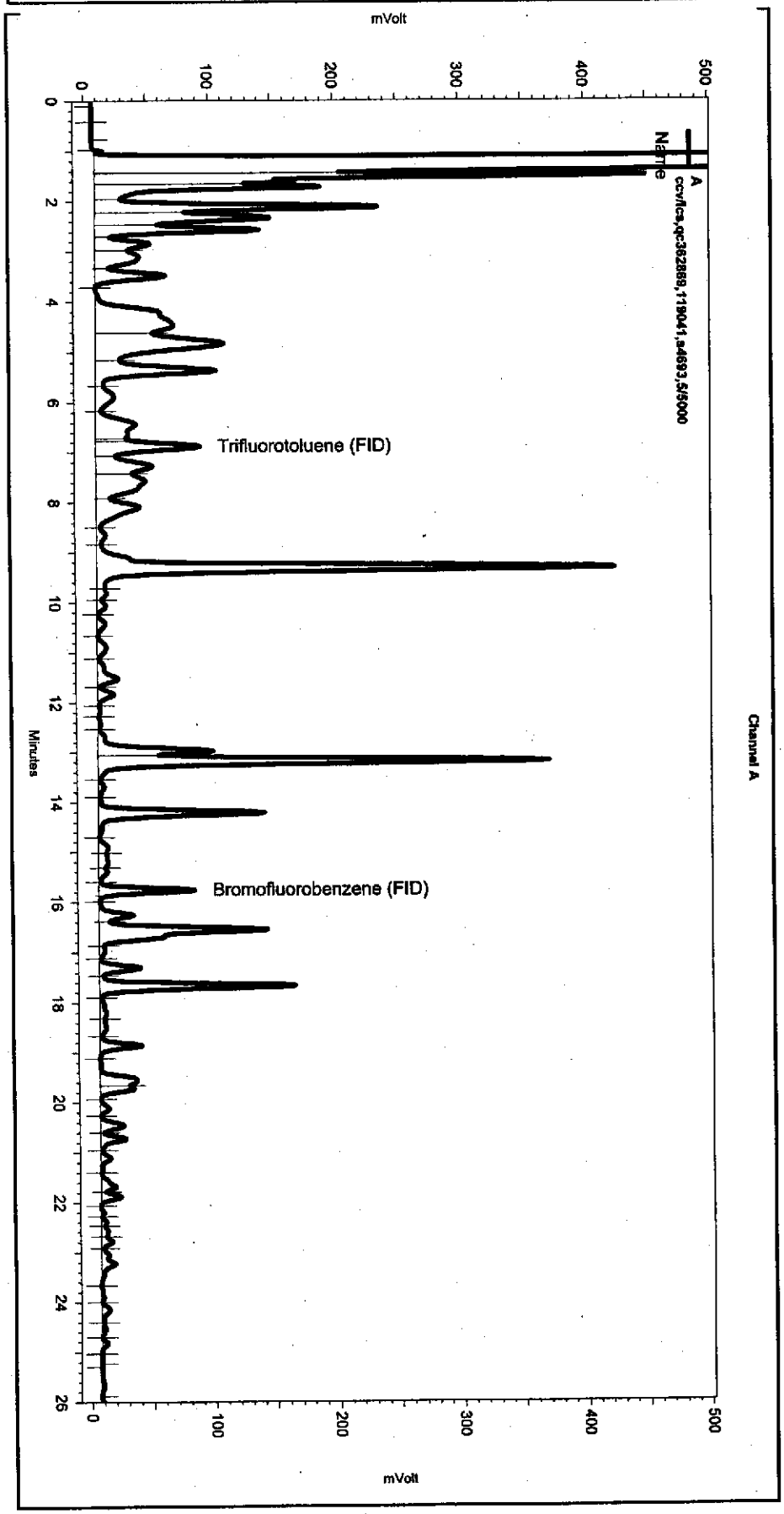
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\307_017

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	7.058	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\307.seq**
Sample Name: **ccv/lcs,qc362869,119041,s4693,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\307_003**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe298.met

Software Version 3.1.7
Run Date: 11/3/2006 10:36:08 AM
Analysis Date: 11/6/2006 10:26:45 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\GC19\Data\307_003

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Reset Baseline	0.955	0	0
Yes	Split Peak	6.763	0	0
Yes	Split Peak	15.868	0	0
Yes	Reset Baseline	25.235	0	0

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	190505	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:	QC362869	Batch#:	119041
Matrix:	Water	Analyzed:	11/03/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,272	114	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	135	69-137
Bromofluorobenzene (FID)	131	80-133

3.0

Curtis & Tompkins, Ltd.

atch QC Report

Total Volatile Hydrocarbons

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	119041
MSS Lab ID:	190546-020	Sampled:	11/02/06
Matrix:	Water	Received:	11/02/06
Units:	ug/L	Analyzed:	11/03/06
Diln Fac:	1.000		

Type: MS Lab ID: QC362942

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	<27.03	2,000	2,183	109	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	134	69-137
Bromofluorobenzene (FID)	152 *	80-133

ype: MSD Lab ID: QC362943

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,090	105	80-120	4	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	125	69-137
Bromofluorobenzene (FID)	134 *	80-133

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

4.0

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/01/06
Units:	ug/L	Received:	11/01/06
Diln Fac:	1.000		

Field ID:	SCIMW-8	Prepared:	11/09/06
Type:	SAMPLE	Analyzed:	11/11/06
Lab ID:	190505-001	Cleanup Method:	EPA 3630C
Batch#:	119274		

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

Surrogate	%REC	Limits
Hexacosane	93	65-130

Field ID:	SCIMW-13	Prepared:	11/13/06
Type:	SAMPLE	Analyzed:	11/15/06
Lab ID:	190505-002	Cleanup Method:	EPA 3630C
Batch#:	119403		

Analyte	Result	RL
Diesel C10-C24	51 Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	118	65-130

Field ID:	SCIMW-3	Prepared:	11/09/06
Type:	SAMPLE	Analyzed:	11/11/06
Lab ID:	190505-003	Cleanup Method:	EPA 3630C
Batch#:	119274		

Analyte	Result	RL
Diesel C10-C24	110 Y	50
Motor Oil C24-C36	ND	300

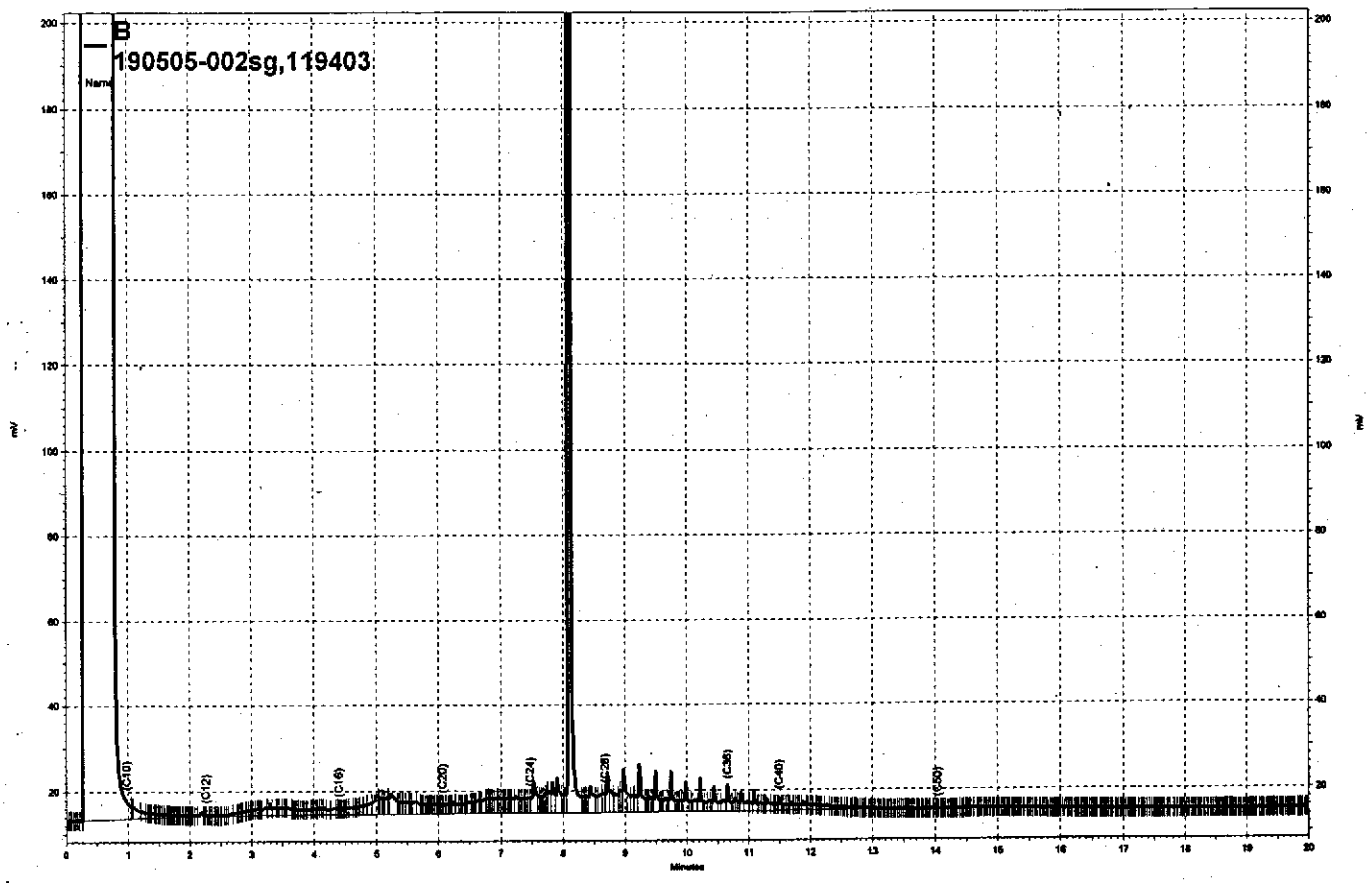
Surrogate	%REC	Limits
Hexacosane	87	65-130

Field ID:	SCIMW-5	Prepared:	11/09/06
Type:	SAMPLE	Analyzed:	11/11/06
Lab ID:	190505-004	Cleanup Method:	EPA 3630C
Batch#:	119274		

Analyte	Result	RL
Diesel C10-C24	150 Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	96	65-130

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit



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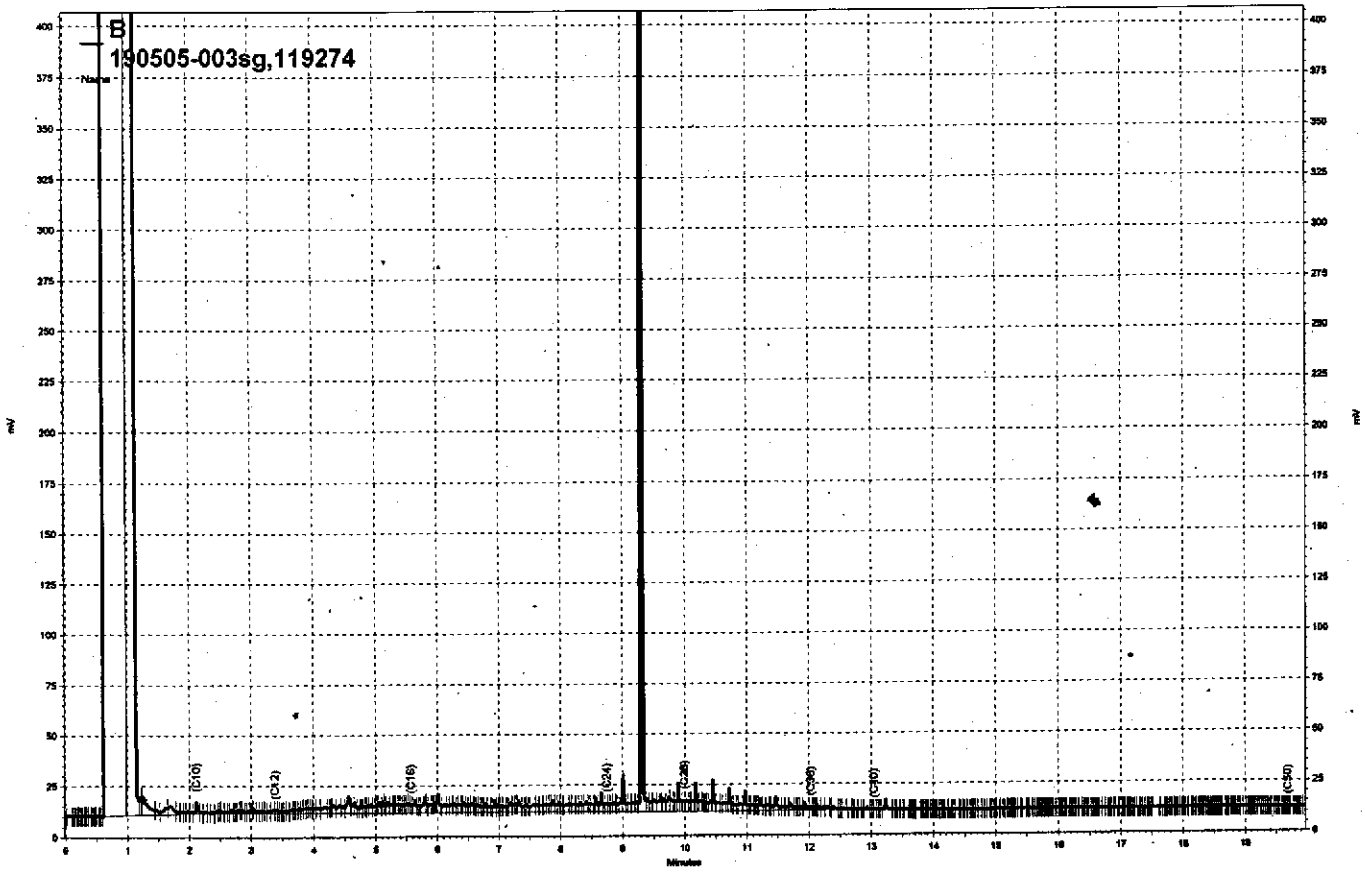

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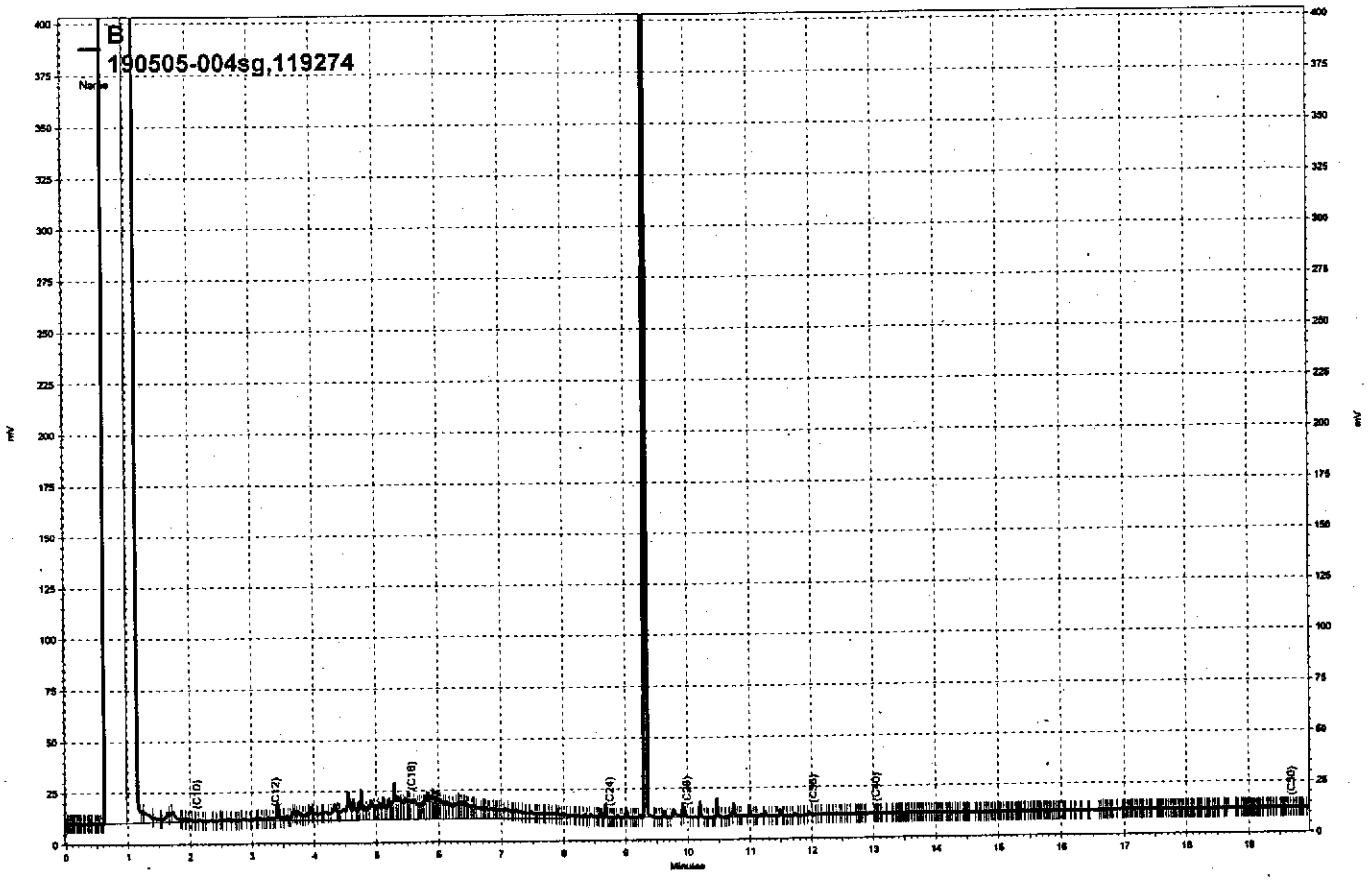

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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/01/06
Units:	ug/L	Received:	11/01/06
Diln Fac:	1.000		

Field ID:	SCIMW-7	Prepared:	11/09/06
Type:	SAMPLE	Analyzed:	11/11/06
Lab ID:	190505-005	Cleanup Method:	EPA 3630C
Batch#:	119274		

Analyte	Result	RL
Diesel C10-C24	180 Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	86	65-130

Type:	BLANK	Prepared:	11/09/06
Lab ID:	QC363839	Analyzed:	11/10/06
Batch#:	119274	Cleanup Method:	EPA 3630C

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

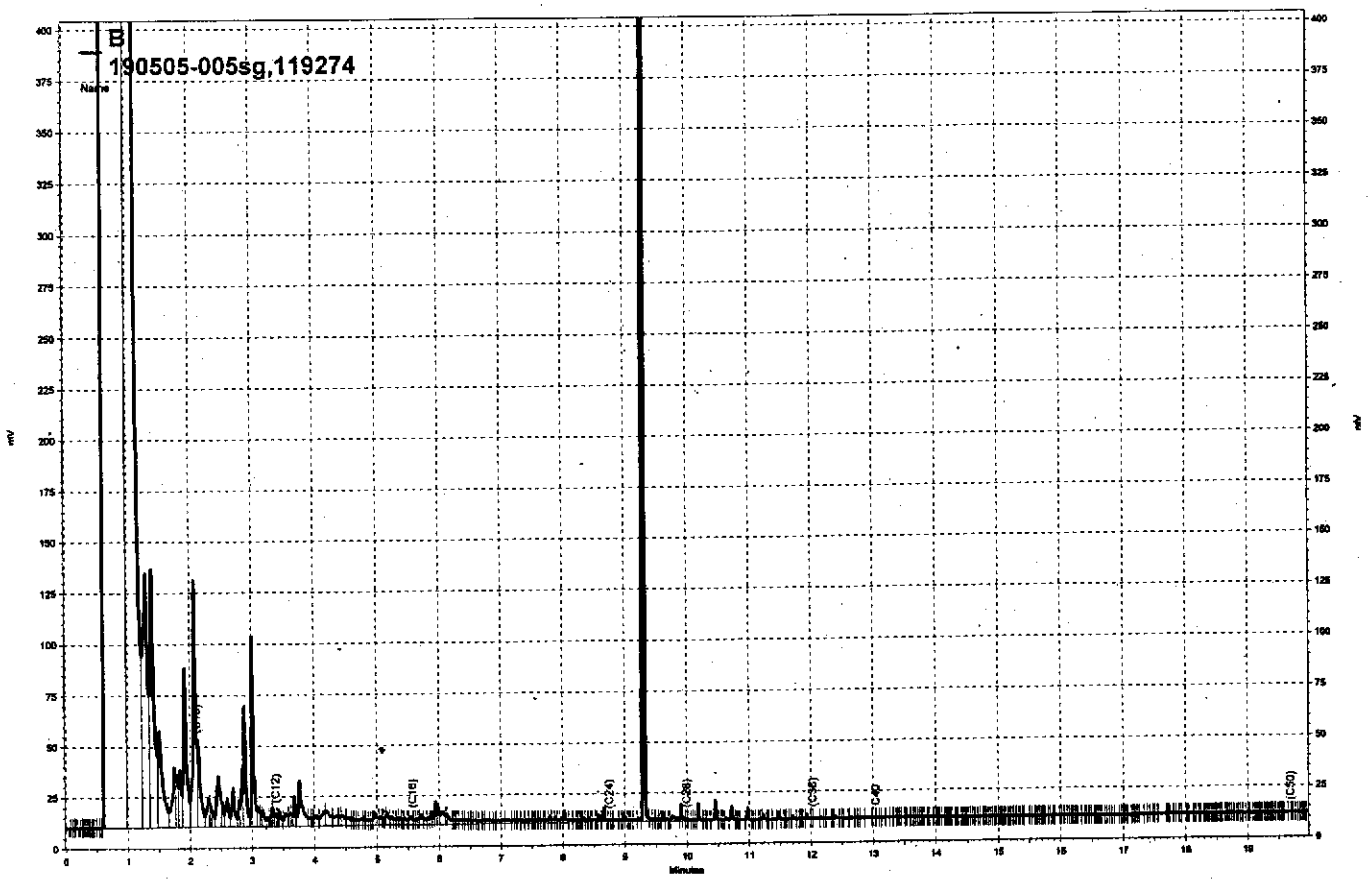
Surrogate	%REC	Limits
Hexacosane	95	65-130

Type:	BLANK	Prepared:	11/13/06
Lab ID:	QC364357	Analyzed:	11/14/06
Batch#:	119403	Cleanup Method:	EPA 3630C

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

Surrogate	%REC	Limits
Hexacosane	106	65-130

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit



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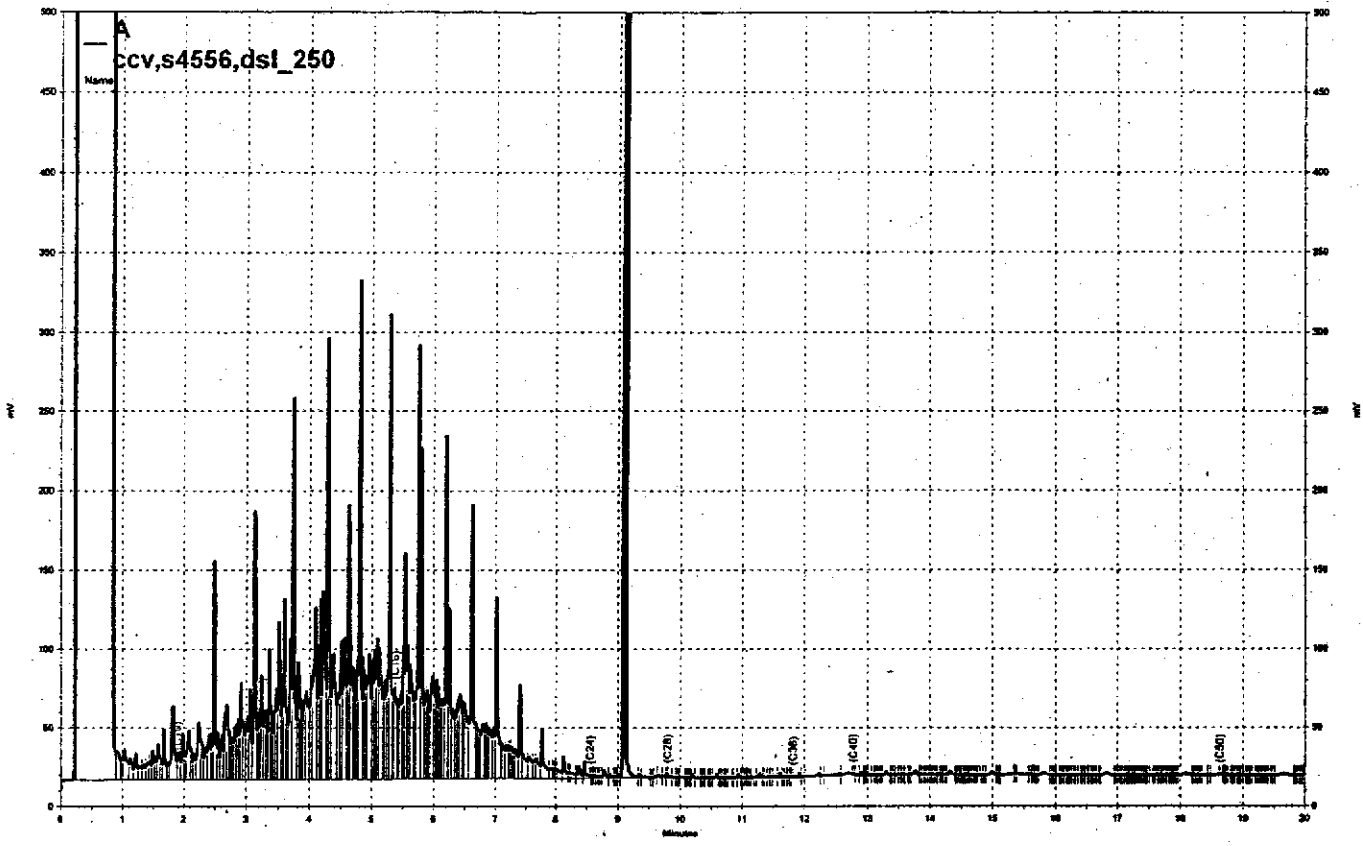

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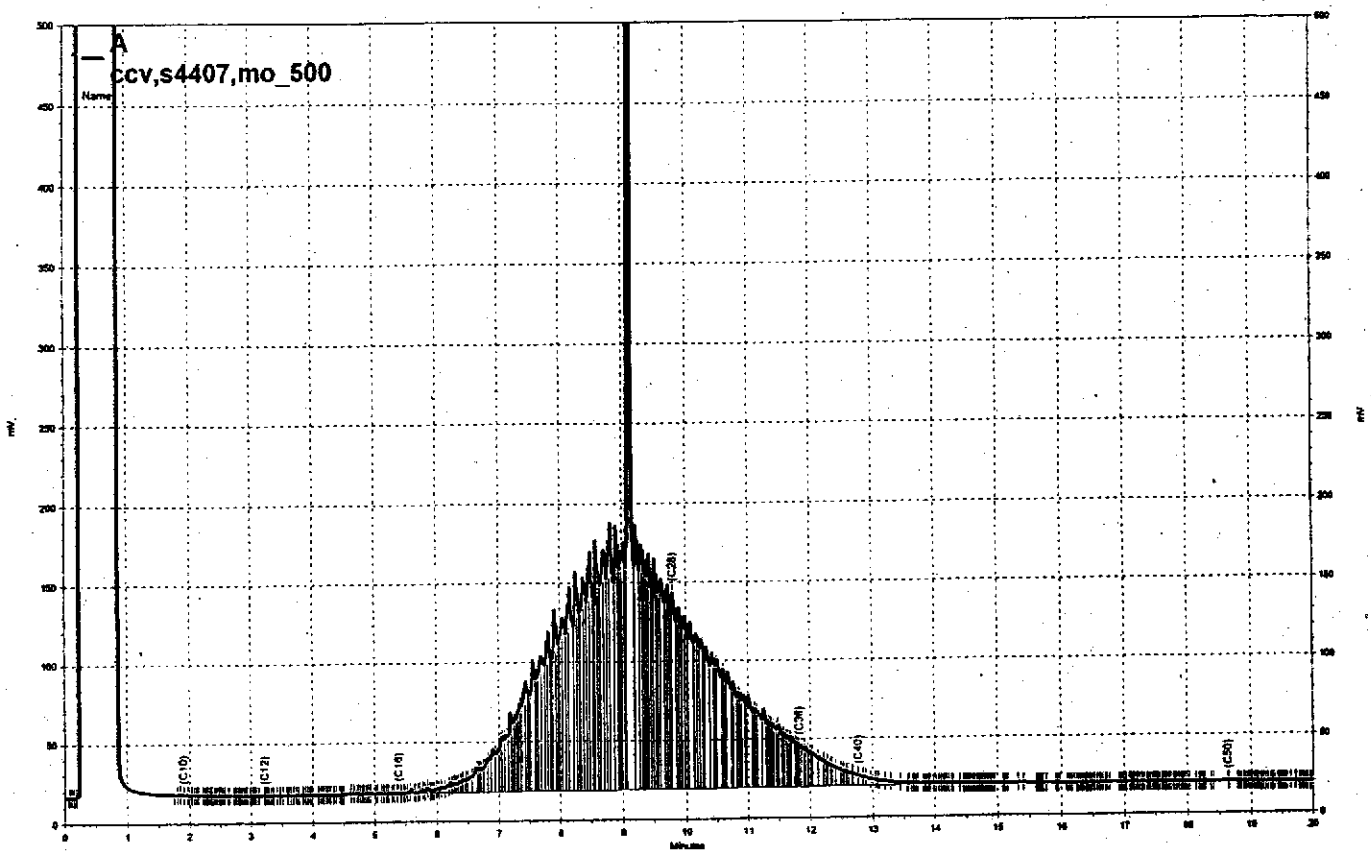

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Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	190505	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:	QC363840	Batch#:	119274
Matrix:	Water	Prepared:	11/09/06
Units:	ug/L	Analyzed:	11/10/06

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	1,956	78	61-133

Surrogate	%REC	Limits
Hexacosane	89	65-130

Curtis & Tompkins, Ltd.

atch QC Report

Total Extractable Hydrocarbons

ab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	119403
Units:	ug/L	Prepared:	11/13/06
Diln Fac:	1.000	Analyzed:	11/14/06

ype: BS
ab ID: QC364358
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,988	120	61-133

Surrogate	%REC	Limits
Hexacosane	128	65-130

ype: BSD
Lab ID: QC364359
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,607	104	61-133	14	31

Surrogate	%REC	Limits
Hexacosane	115	65-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	119274
MSS Lab ID:	190491-004	Sampled:	11/01/06
Matrix:	Water	Received:	11/01/06
Units:	ug/L	Prepared:	11/09/06
Diln Fac:	1.000	Analyzed:	11/10/06

Type: MS
Lab ID: QC363841

Cleanup Method: EPA 3630C

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	25.25	2,500	2,183	86	55-134

Surrogate	%REC	Limits
Hexacosane	93	65-130

Type: MSD
Lab ID: QC363842

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,257	89	55-134	3	27

Surrogate	%REC	Limits
Hexacosane	98	65-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Field ID:	SCIMW-7	Batch#:	119019
Lab ID:	190505-005	Sampled:	11/01/06
Matrix:	Water	Received:	11/01/06
Units:	ug/L	Prepared:	11/02/06
Dil'n Fac:	20.00	Analyzed:	11/07/06

Analyte	Result	RL
Alpha-BHC	ND	0.9
Beta-BHC	ND	0.9
gamma-BHC	ND	0.9
delta-BHC	ND	0.9
Heptachlor	ND	0.9
Aldrin	ND	0.9
Heptachlor epoxide	ND	0.9
Endosulfan I	ND	0.9
Dieldrin	ND	1.9
4,4'-DDE	ND	1.9
Endrin	ND	1.9
Endosulfan II	ND	1.9
Endosulfan sulfate	ND	1.9
4,4'-DDD	ND	1.9
Endrin aldehyde	ND	1.9
4,4'-DDT	ND	1.9
alpha-Chlordane	ND	0.9
gamma-Chlordane	ND	0.9
Methoxychlor	ND	9.4
Toxaphene	ND	19

Surrogate	%REC	Limits
TCMX	DO	48-125
Decachlorobiphenyl	DO	34-130

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

15.0

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	190505	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:	QC362779	Batch#:	119019
Matrix:	Water	Prepared:	11/02/06
Units:	ug/L	Analyzed:	11/03/06

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	79	48-125
Decachlorobiphenyl	92	34-130

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

Curtis & Tompkins, Ltd.

atch QC Report

Organochlorine Pesticides

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Matrix:	Water	Batch#:	119019
Units:	ug/L	Prepared:	11/02/06
Diln Fac:	1.000	Analyzed:	11/03/06

ype: BS Lab ID: QC362780

Analyte	Spiked	Result		%REC	Limits
gamma-BHC	0.2000	0.1828		91	67-126
Heptachlor	0.2000	0.1581		79	62-122
Aldrin	0.2000	0.1580		79	65-120
Dieldrin	0.4000	0.4016		100	68-130
Endrin	0.4000	0.3937		98	54-133
4,4'-DDT	0.4000	0.3641	#	91	56-131

Surrogate	%REC	Limits
TCMX	76	48-125
Decachlorobiphenyl	96	34-130

Type: BSD Lab ID: QC362781

Analyte	Spiked	Result		%REC	Limits	RPD	Lim
gamma-BHC	0.2000	0.1821		91	67-126	0	21
Heptachlor	0.2000	0.1702		85	62-122	7	26
Aldrin	0.2000	0.1670		84	65-120	6	21
Dieldrin	0.4000	0.3912		98	68-130	3	21
Endrin	0.4000	0.3798		95	54-133	4	38
4,4'-DDT	0.4000	0.3395	#	85	56-131	7	30

Surrogate	%REC	Limits
TCMX	78	48-125
Decachlorobiphenyl	100	34-130

#= CCV drift outside limits; average CCV drift within limits per method requirements
RPD= Relative Percent Difference

17.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Units:	ug/L
Lab ID:	190505-005	Sampled:	11/01/06
Matrix:	Water	Received:	11/01/06

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Freon 12	ND	130	125.0	119031	11/03/06
Chloromethane	ND	130	125.0	119031	11/03/06
Vinyl Chloride	3,500	63	125.0	119031	11/03/06
Bromomethane	ND	130	125.0	119031	11/03/06
Chloroethane	3,800	130	125.0	119031	11/03/06
Trichlorofluoromethane	ND	130	125.0	119031	11/03/06
Acetone	ND	1,300	125.0	119031	11/03/06
Freon 113	ND	130	250.0	119090	11/06/06
1,1-Dichloroethene	150	63	125.0	119031	11/03/06
Methylene Chloride	ND	1,300	125.0	119031	11/03/06
Carbon Disulfide	ND	63	125.0	119031	11/03/06
MTBE	ND	63	125.0	119031	11/03/06
trans-1,2-Dichloroethene	300	63	125.0	119031	11/03/06
Vinyl Acetate	ND	1,300	125.0	119031	11/03/06
1,1-Dichloroethane	10,000	63	125.0	119031	11/03/06
2-Butanone	ND	1,300	125.0	119031	11/03/06
cis-1,2-Dichloroethene	15,000	130	250.0	119090	11/06/06
2,2-Dichloropropane	ND	63	125.0	119031	11/03/06
Chloroform	ND	63	125.0	119031	11/03/06
Bromochloromethane	ND	63	125.0	119031	11/03/06
1,1,1-Trichloroethane	1,200	63	125.0	119031	11/03/06
1,1-Dichloropropene	ND	63	125.0	119031	11/03/06
Carbon Tetrachloride	ND	63	125.0	119031	11/03/06
1,2-Dichloroethane	ND	63	125.0	119031	11/03/06
Benzene	2,900	63	125.0	119031	11/03/06
Trichloroethene	71	63	125.0	119031	11/03/06
1,2-Dichloropropane	ND	63	125.0	119031	11/03/06
Bromodichloromethane	ND	63	125.0	119031	11/03/06
Dibromomethane	ND	63	125.0	119031	11/03/06
4-Methyl-2-Pentanone	ND	1,300	125.0	119031	11/03/06
cis-1,3-Dichloropropene	ND	63	125.0	119031	11/03/06
Toluene	1,900	63	125.0	119031	11/03/06
trans-1,3-Dichloropropene	ND	63	125.0	119031	11/03/06
1,1,2-Trichloroethane	ND	63	125.0	119031	11/03/06
2-Hexanone	ND	1,300	125.0	119031	11/03/06
1,3-Dichloropropane	ND	63	125.0	119031	11/03/06
Tetrachloroethene	ND	63	125.0	119031	11/03/06
Dibromochloromethane	ND	63	125.0	119031	11/03/06
1,2-Dibromoethane	ND	63	125.0	119031	11/03/06

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7	Units:	ug/L
Lab ID:	190505-005	Sampled:	11/01/06
Matrix:	Water	Received:	11/01/06

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chlorobenzene	ND	63	125.0	119031	11/03/06
1,1,1,2-Tetrachloroethane	ND	63	125.0	119031	11/03/06
Ethylbenzene	ND	63	125.0	119031	11/03/06
m,p-Xylenes	110	63	125.0	119031	11/03/06
o-Xylene	100	63	125.0	119031	11/03/06
Styrene	ND	63	125.0	119031	11/03/06
Bromoform	ND	130	125.0	119031	11/03/06
Isopropylbenzene	ND	63	125.0	119031	11/03/06
1,1,2,2-Tetrachloroethane	ND	63	125.0	119031	11/03/06
1,2,3-Trichloropropane	ND	63	125.0	119031	11/03/06
Propylbenzene	ND	63	125.0	119031	11/03/06
Bromobenzene	ND	63	125.0	119031	11/03/06
1,3,5-Trimethylbenzene	ND	63	125.0	119031	11/03/06
2-Chlorotoluene	ND	63	125.0	119031	11/03/06
4-Chlorotoluene	ND	63	125.0	119031	11/03/06
tert-Butylbenzene	ND	63	125.0	119031	11/03/06
1,2,4-Trimethylbenzene	ND	63	125.0	119031	11/03/06
sec-Butylbenzene	ND	63	125.0	119031	11/03/06
para-Isopropyl Toluene	ND	63	125.0	119031	11/03/06
1,3-Dichlorobenzene	ND	63	125.0	119031	11/03/06
1,4-Dichlorobenzene	ND	63	125.0	119031	11/03/06
n-Butylbenzene	ND	63	125.0	119031	11/03/06
1,2-Dichlorobenzene	ND	63	125.0	119031	11/03/06
1,2-Dibromo-3-Chloropropane	ND	250	125.0	119031	11/03/06
1,2,4-Trichlorobenzene	ND	63	125.0	119031	11/03/06
Hexachlorobutadiene	ND	63	125.0	119031	11/03/06
Naphthalene	ND	250	125.0	119031	11/03/06
1,2,3-Trichlorobenzene	ND	63	125.0	119031	11/03/06

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	111	80-120	125.0	119031	11/03/06
1,2-Dichloroethane-d4	114	80-130	125.0	119031	11/03/06
Toluene-d8	100	80-120	125.0	119031	11/03/06
Bromofluorobenzene	113	80-122	125.0	119031	11/03/06

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7 DUP	Batch#:	119031
Lab ID:	190505-006	Sampled:	11/01/06
Matrix:	Water	Received:	11/01/06
Units:	ug/L	Analyzed:	11/04/06
Diln Fac:	125.0		

Analyte	Result	RL
Freon 12	ND	130
Chloromethane	ND	130
Vinyl Chloride	2,900	63
Bromomethane	ND	130
Chloroethane	3,400	130
Trichlorofluoromethane	ND	130
Acetone	ND	1,300
Freon 113	ND	63
1,1-Dichloroethene	91	63
Methylene Chloride	ND	1,300
Carbon Disulfide	ND	63
MTBE	ND	63
trans-1,2-Dichloroethene	250	63
Vinyl Acetate	ND	1,300
1,1-Dichloroethane	7,500	63
2-Butanone	ND	1,300
cis-1,2-Dichloroethene	12,000	63
2,2-Dichloropropane	ND	63
Chloroform	ND	63
Bromochloromethane	ND	63
1,1,1-Trichloroethane	810	63
1,1-Dichloropropene	ND	63
Carbon Tetrachloride	ND	63
1,2-Dichloroethane	ND	63
Benzene	2,800	63
Trichloroethene	70	63
1,2-Dichloropropane	ND	63
Bromodichloromethane	ND	63
Dibromomethane	ND	63
4-Methyl-2-Pentanone	ND	1,300
cis-1,3-Dichloropropene	ND	63
Toluene	1,500	63
trans-1,3-Dichloropropene	ND	63
1,1,2-Trichloroethane	ND	63
2-Hexanone	ND	1,300
1,3-Dichloropropane	ND	63
Tetrachloroethene	ND	63

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-7 DUP	Batch#:	119031
Lab ID:	190505-006	Sampled:	11/01/06
Matrix:	Water	Received:	11/01/06
Units:	ug/L	Analyzed:	11/04/06
Diln Fac:	125.0		

Analyte	Result	RL
Dibromochloromethane	ND	63
1,2-Dibromoethane	ND	63
Chlorobenzene	ND	63
1,1,1,2-Tetrachloroethane	ND	63
Ethylbenzene	ND	63
m,p-Xylenes	85	63
o-Xylene	87	63
Styrene	ND	63
Bromoform	ND	130
Isopropylbenzene	ND	63
1,1,2,2-Tetrachloroethane	ND	63
1,2,3-Trichloropropane	ND	63
Propylbenzene	ND	63
Bromobenzene	ND	63
1,3,5-Trimethylbenzene	ND	63
2-Chlorotoluene	ND	63
4-Chlorotoluene	ND	63
tert-Butylbenzene	ND	63
1,2,4-Trimethylbenzene	ND	63
sec-Butylbenzene	ND	63
para-Isopropyl Toluene	ND	63
1,3-Dichlorobenzene	ND	63
1,4-Dichlorobenzene	ND	63
n-Butylbenzene	ND	63
1,2-Dichlorobenzene	ND	63
1,2-Dibromo-3-Chloropropane	ND	250
1,2,4-Trichlorobenzene	ND	63
Hexachlorobutadiene	ND	63
Naphthalene	ND	250
1,2,3-Trichlorobenzene	ND	63

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-120
1,2-Dichloroethane-d4	114	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	113	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organice by GC/MS

Lab #:	190505	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:	QC362830	Batch#:	119031
Matrix:	Water	Analyzed:	11/03/06
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 #:	190505	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:	QC362830	Batch#:	119031
Matrix:	Water	Analyzed:	11/03/06
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	108	80-120
1,2-Dichloroethane-d4	112	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	108	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	190505	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:	QC362831	Batch#:	119031
Matrix:	Water	Analyzed:	11/03/06
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 #:	190505	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:	QC362831	Batch#:	119031
Matrix:	Water	Analyzed:	11/03/06
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	109	80-120
1,2-Dichloroethane-d4	113	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	110	80-122

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	190505	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:	QC363085	Batch#:	119090
Matrix:	Water	Analyzed:	11/06/06
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
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

b= See narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Organics by GC/MS

Lab #:	190505	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:	QC363085	Batch#:	119090
Matrix:	Water	Analyzed:	11/06/06
Units:	ug/L		

Analyte	Result	RL
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	1.7	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	2.7 b	2.0
1,2,3-Trichlorobenzene	1.5	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-120
1,2-Dichloroethane-d4	106	80-130
Toluene-d8	97	80-120
Bromofluorobenzene	107	80-122

b= See narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC362829	Batch#:	119031
Matrix:	Water	Analyzed:	11/03/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	25.52	102	77-128
Benzene	25.00	22.96	92	80-120
Trichloroethene	25.00	22.46	90	80-120
Toluene	25.00	23.84	95	80-120
Chlorobenzene	25.00	22.99	92	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	106	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-122

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Organics by GC/MS

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC363084	Batch#:	119090
Matrix:	Water	Analyzed:	11/06/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	26.41	106	77-128
Benzene	25.00	21.72	87	80-120
Trichloroethene	25.00	24.13	97	80-120
Toluene	25.00	22.53	90	80-120
Chlorobenzene	25.00	23.12	92	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-120
1,2-Dichloroethane-d4	109	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	104	80-122

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	119031
MSS Lab ID:	190350-014	Sampled:	10/24/06
Matrix:	Water	Received:	10/26/06
Units:	ug/L	Analyzed:	11/03/06
Diln Fac:	1.000		

Type: MS Lab ID: QC362837

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	9.991	25.00	37.37	110	77-129
Benzene	<0.1164	25.00	25.59	102	80-122
Trichloroethene	13.15	25.00	37.15	96	77-123
Toluene	<0.06248	25.00	25.46	102	80-120
Chlorobenzene	<0.1633	25.00	23.94	96	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	111	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	104	80-122

Type: MSD Lab ID: QC362838

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	38.02	112	77-129	2	20
Benzene	25.00	24.91	100	80-122	3	20
Trichloroethene	25.00	36.81	95	77-123	1	20
Toluene	25.00	24.66	99	80-120	3	20
Chlorobenzene	25.00	24.07	96	80-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	108	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	101	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Organics by GC/MS

Lab #:	190505	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	119090
MSS Lab ID:	190465-001	Sampled:	10/30/06
Matrix:	Water	Received:	10/31/06
Units:	ug/L	Analyzed:	11/06/06
Diln Fac:	1.000		

Type: MS Lab ID: QC363165

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.2168	25.00	35.27	141 *	77-129
Benzene	<0.04131	25.00	24.33	97	80-122
Trichloroethene	5.411	25.00	29.96	98	77-123
Toluene	<0.08342	25.00	24.33	97	80-120
Chlorobenzene	<0.08963	25.00	24.09	96	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	113	80-120
1,2-Dichloroethane-d4	111	80-130
Toluene-d8	98	80-120
Bromofluorobenzene	102	80-122

Type: MSD Lab ID: QC363166

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	35.48	142 *	77-129	1	20
Benzene	25.00	24.06	96	80-122	1	20
Trichloroethene	25.00	29.41	96	77-123	2	20
Toluene	25.00	24.45	98	80-120	1	20
Chlorobenzene	25.00	24.20	97	80-120	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	115	80-120
1,2-Dichloroethane-d4	112	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	103	80-122

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

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

ANALYTICAL REPORT

Prepared for:

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

Date: 29-NOV-06
Lab Job Number: 190561
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:	**190561**
Client:	**Fugro West, Inc.**
Project:	**133.023**
Location:	**9th Ave Terminal/POO(KOT)**
Request Date:	**11/03/06**
Samples Received:	**11/03/06**

This hardcopy data package contains sample and QC results for one water sample, requested for the above referenced project on 11/03/06. The sample was received intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B and EPA 8021B):
High surrogate recovery was observed for bromofluorobenzene (PID) in SCIMW-24 (lab # 190561-001), due to interference from coeluting hydrocarbon peaks; the corresponding trifluorotoluene (PID) surrogate recovery was within limits. High surrogate recoveries were observed for bromofluorobenzene (FID) in SCIMW-24 (lab # 190561-001) and the MS/MSD for batch 119041, due to interference from coeluting hydrocarbon peaks; the corresponding trifluorotoluene (FID) surrogate recoveries were within limits. 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-24 (lab # 190561-001) had pH greater than 2. No other analytical problems were encountered.

CHAIN OF CUSTODY 190561

PROJECT NAME: 9th Avenue Terminal - KOT

POJECT NO.: 133.023 LAB: C&T

PROJECT CONTACT: Melissa L. Pleva TURNAROUND: Standard

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

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX				CONTAINERS						PRESERVATIVE						SAMPLING DATE										NOTES	ANALYSIS REQUESTED									
		WATER	SOIL	AIR		VOA	LITER	PINT	TUBE			HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	MONTH		DAY		YEAR		TIME					TEHd, mo w/ silica gel (8015m)	TVHg (8015m / 8020)	TVHg, BTEX (8015m / 8020)	VOCs (8260 / 8040)	MTBE (8260)	Pesticides (8080)	Title 22 Metals (6010/7000) filtered			EDD
1	SCIMW-24	X				3	1								X			1	1	0	2	0	6	1	1	1	0	①	X		X		X					X
2	Trip Blanks																																				

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
Melissa Pleva	11/02/06 1700	Anna Tyson	11/2/06 1700
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:

① VOAs are unpreserved sheen on sample

Trip Blanks added to CoC, logged in & D.

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

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190561	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023		
Field ID:	SCIMW-24	Sampled:	11/02/06
Matrix:	Water	Received:	11/03/06
Units:	ug/L	Analyzed:	11/03/06
Batch#:	119041		

Type: SAMPLE
Lab ID: 190561-001
Diln Fac: 50.00

Analyte	Result	RL	Analysis
Gasoline C7-C12	39,000 H	2,500	EPA 8015B
Benzene	1,700	25	EPA 8021B
Toluene	53 C	25	EPA 8021B
Ethylbenzene	65 C	25	EPA 8021B
m,p-Xylenes	60	25	EPA 8021B
o-Xylene	ND	25	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	125	69-137	EPA 8015B
Bromofluorobenzene (FID)	145 *	80-133	EPA 8015B
Trifluorotoluene (PID)	119	64-132	EPA 8021B
Bromofluorobenzene (PID)	125 *	80-120	EPA 8021B

Type: BLANK
Lab ID: QC362867
Diln Fac: 1.000

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

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	135	69-137	EPA 8015B
Bromofluorobenzene (FID)	130	80-133	EPA 8015B
Trifluorotoluene (PID)	121	64-132	EPA 8021B
Bromofluorobenzene (PID)	119	80-120	EPA 8021B

*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
H= Heavier hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

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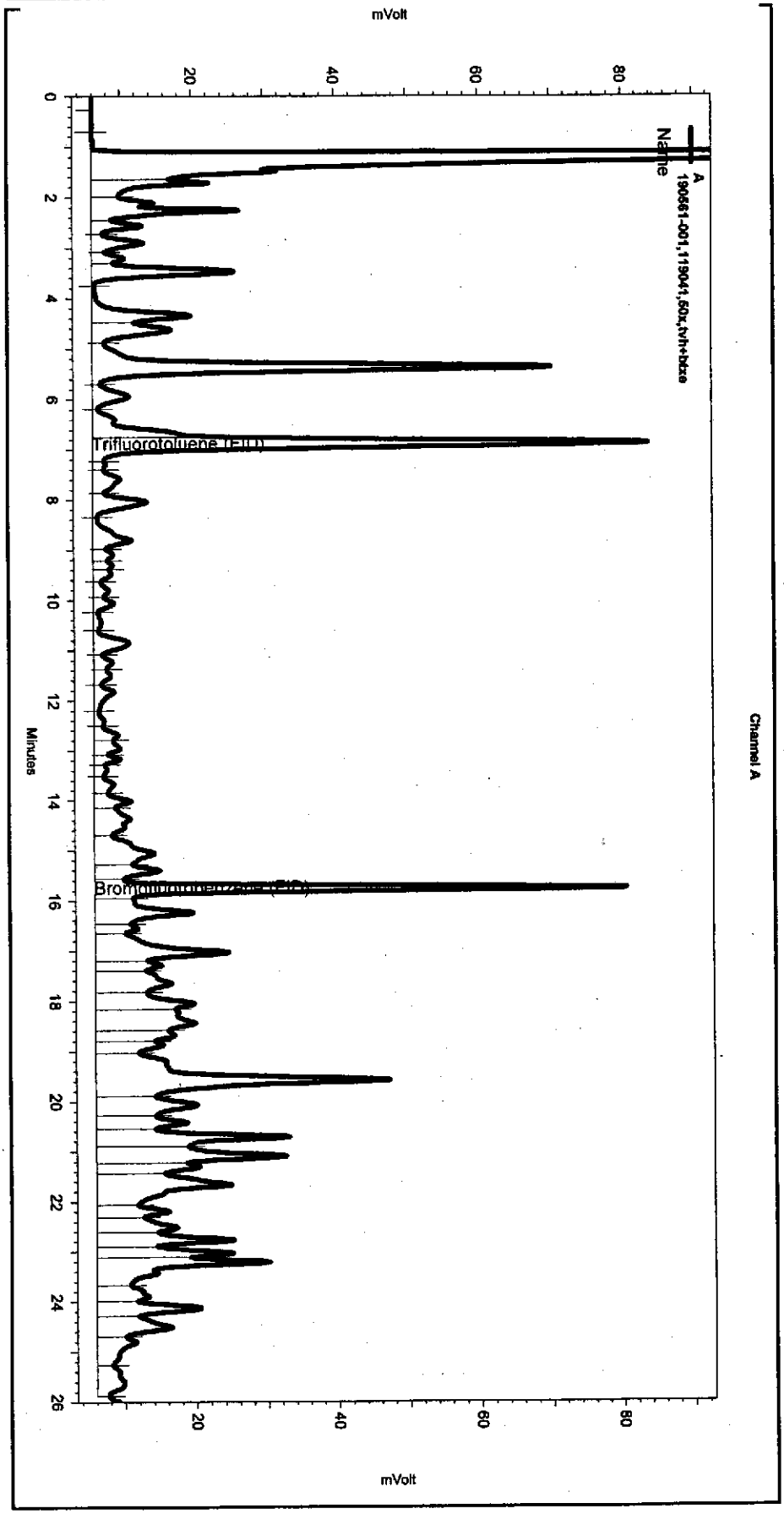
Sample Name: **190561-001,119041,50x,tvh+btxe**
Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\307_010
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe298.met

Software Version 3.1.7
Run Date: 11/3/2006 6:08:08 PM
Analysis Date: 11/6/2006 2:31:22 PM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: a2.5



—< General Method Parameters >—

No items selected for this section

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No items selected for this section

Integration Events

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

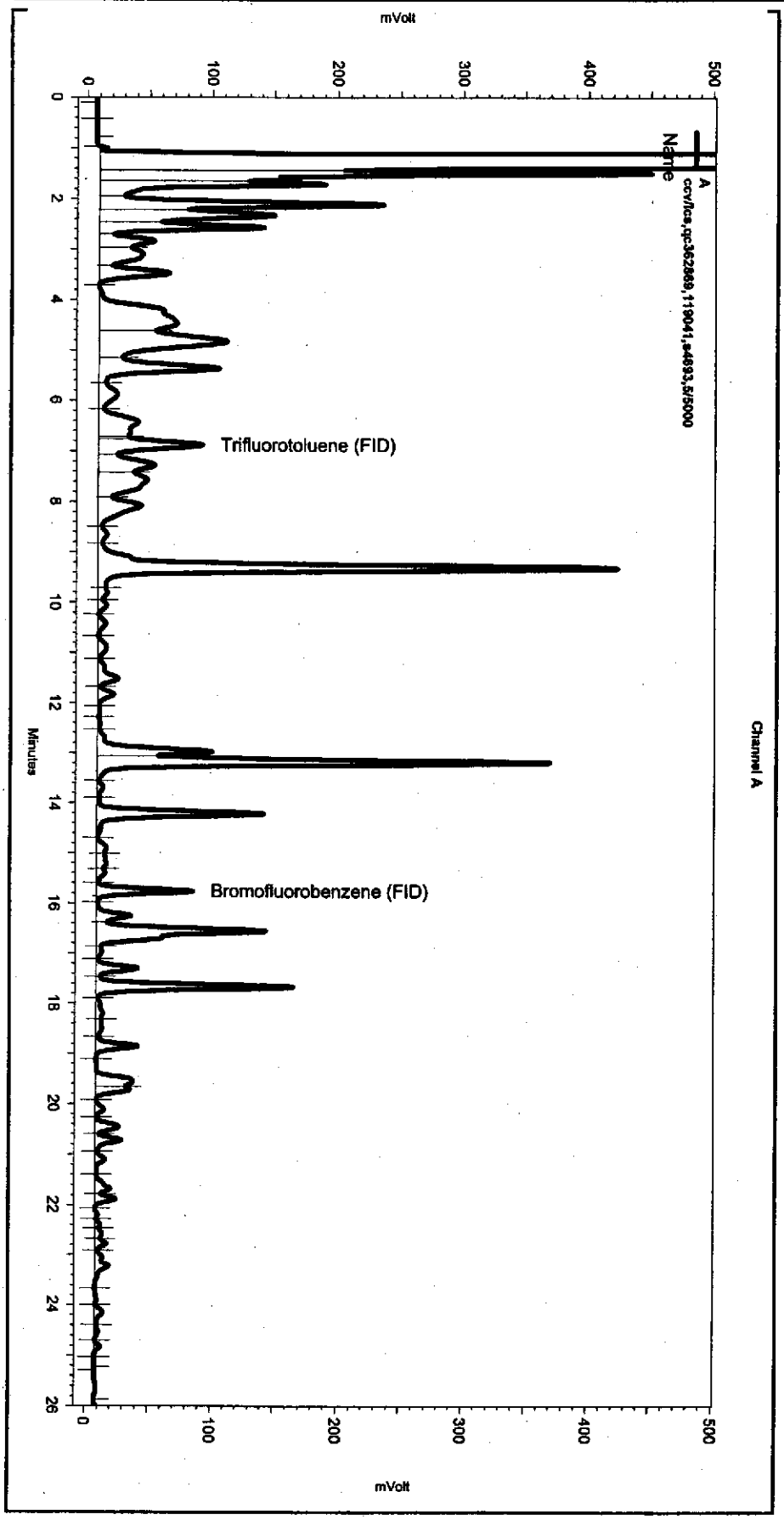
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\307_010

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	6.753	0	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\307.seq
Sample Name: **ccv/lcs,qc362869,119041,s4693,5/5000**
Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\307_003
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe298.met

Software Version 3.1.7
Run Date: 11/3/2006 10:36:08 AM
Analysis Date: 11/6/2006 10:26:45 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



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No items selected for this section

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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\GC19\Data\307_003

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Reset Baseline	0.955	0	0
Yes	Split Peak	6.763	0	0
Yes	Split Peak	15.868	0	0
Yes	Reset Baseline	25.235	0	0

Curtis & Tompkins, Ltd.

atch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190561	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:	QC362868	Batch#:	119041
Matrix:	Water	Analyzed:	11/03/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	21.44	107	80-120
Toluene	20.00	21.26	106	80-120
Ethylbenzene	20.00	22.28	111	80-120
m,p-Xylenes	20.00	21.30	107	80-120
o-Xylene	20.00	21.32	107	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	121	64-132
Bromofluorobenzene (PID)	119	80-120

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190561	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:	QC362869	Batch#:	119041
Matrix:	Water	Analyzed:	11/03/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,272	114	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	135	69-137
Bromofluorobenzene (FID)	131	80-133

4.0

Curtis & Tompkins, Ltd.

atch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190561	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	119041
MSS Lab ID:	190546-020	Sampled:	11/02/06
Matrix:	Water	Received:	11/02/06
Units:	ug/L	Analyzed:	11/03/06
Diln Fac:	1.000		

Type: MS Lab ID: QC362942

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	<27.03	2,000	2,183	109	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	134	69-137
Bromofluorobenzene (FID)	152 *	80-133

Type: MSD Lab ID: QC362943

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,090	105	80-120	4	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	125	69-137
Bromofluorobenzene (FID)	134 *	80-133

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

Curtis & Tompkins, Ltd.

Lab #:	190561	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-24	Batch#:	119379
Matrix:	Water	Sampled:	11/02/06
Units:	ug/L	Received:	11/03/06

Type:	SAMPLE	Diln Fac:	10.00
Lab ID:	190561-001	Analyzed:	11/14/06

Analyte	Result	RL
MTBE	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC364247	Analyzed:	11/13/06

Analyte	Result	RL
MTBE	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC364363	Analyzed:	11/13/06

Analyte	Result	RL
MTBE	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Lab #:	190561	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC364248	Batch#:	119379
Matrix:	Water	Analyzed:	11/13/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	21.10	84	72-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120

Curtis & Tompkins, Ltd.

Batch QC Report

Lab #:	190561	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	119379
MSS Lab ID:	190594-012	Sampled:	11/03/06
Matrix:	Water	Received:	11/03/06
Units:	ug/L	Analyzed:	11/14/06
Diln Fac:	1.000		

Type: MS Lab ID: QC364302

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.06769	25.00	21.81	87	75-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120

Type: MSD Lab ID: QC364303

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	21.73	87	75-120	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120

RPD= Relative Percent Difference

9.0

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	190561	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	SCIMW-24	Sampled:	11/02/06
Matrix:	Water	Received:	11/03/06
Units:	ug/L	Prepared:	11/14/06
Diln Fac:	1.000	Analyzed:	11/15/06
Batch#:	119442		

Type: SAMPLE
Lab ID: 190561-001

Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	11,000 H L Y	50
Motor Oil C24-C36	6,900 H L	300

Surrogate	%REC	Limits
Hexacosane	112	65-130

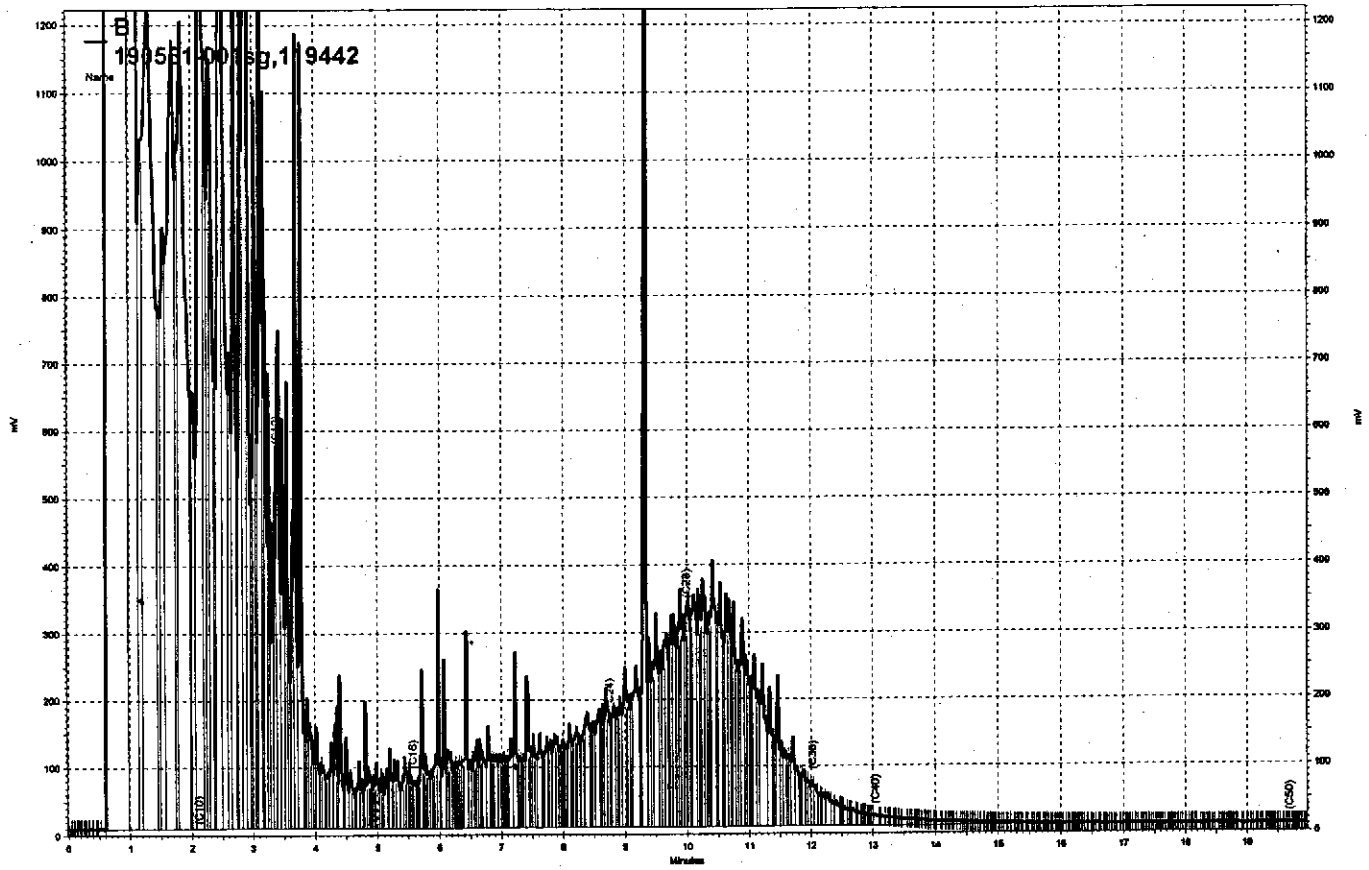
Type: BLANK
Lab ID: QC364507

Cleanup Method: EPA 3630C

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

Surrogate	%REC	Limits
Hexacosane	89	65-130

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



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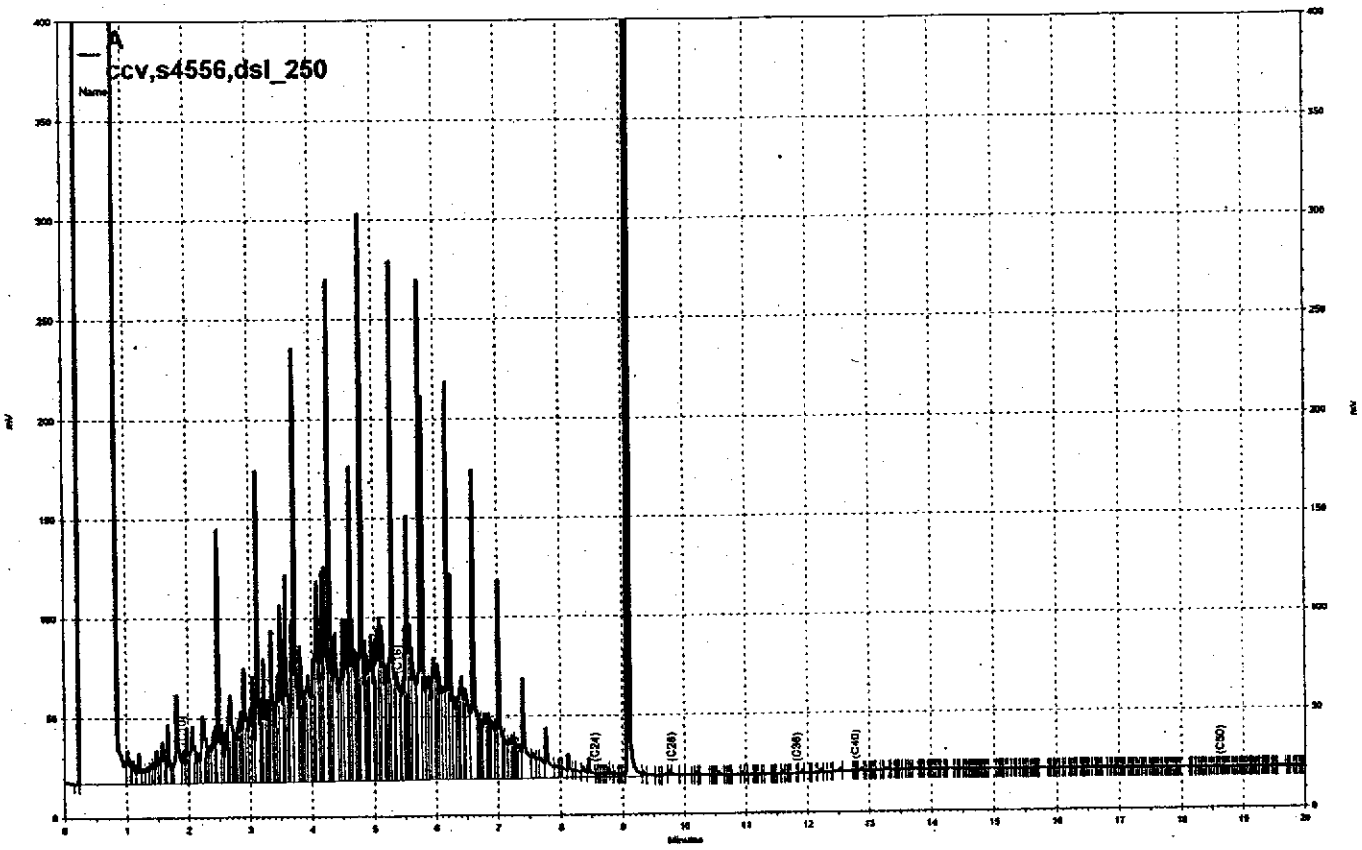

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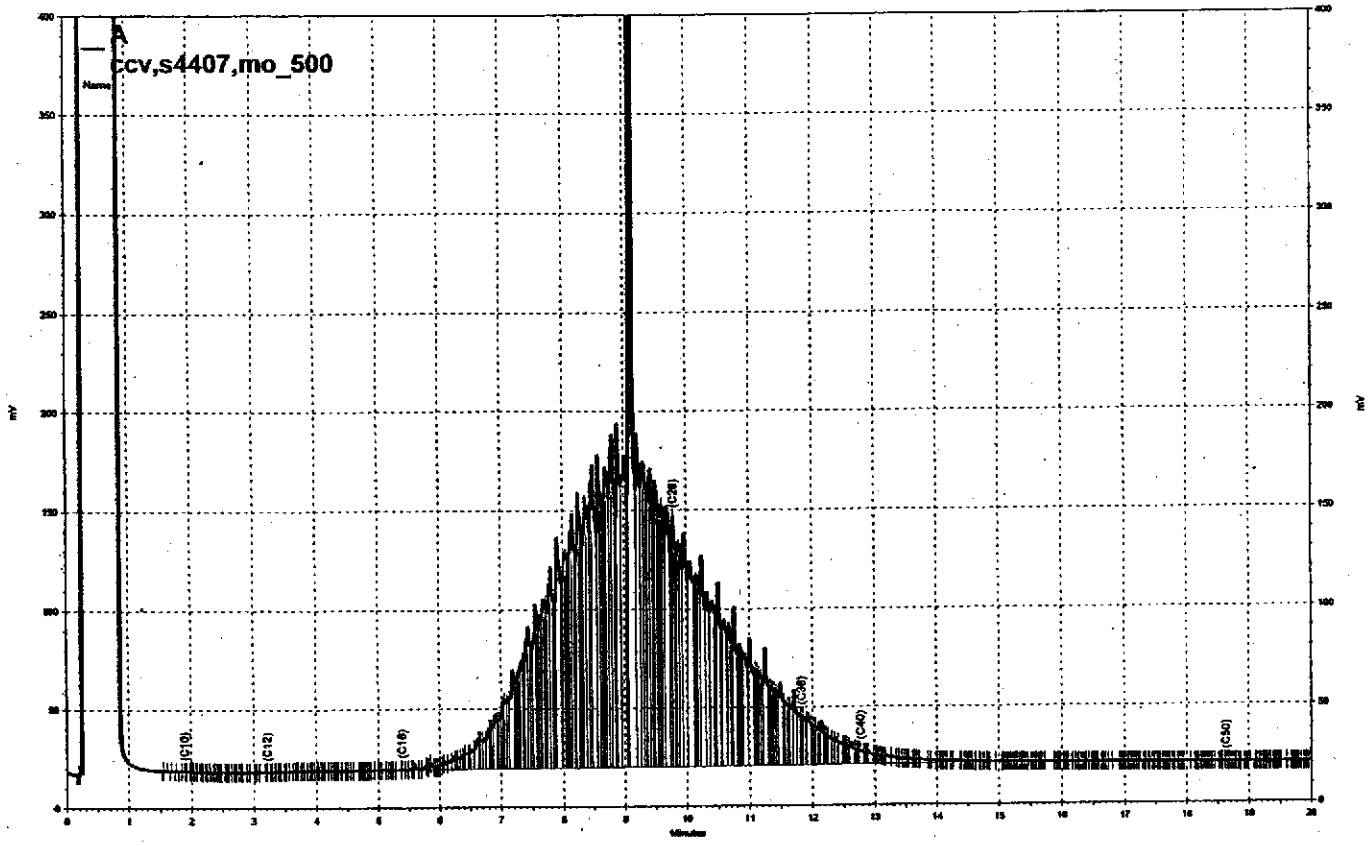

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Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	190561	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	119442
Units:	ug/L	Prepared:	11/14/06
Diln Fac:	1.000	Analyzed:	11/15/06

Type: BS
Lab ID: QC364508
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,391	96	61-133

Surrogate	%REC	Limits
Hexacosane	106	65-130

Type: BSD
Lab ID: QC364509
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,219	89	61-133	7	31

Surrogate	%REC	Limits
Hexacosane	97	65-130

RPD= Relative Percent Difference

11.0

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

ANALYTICAL REPORT

Prepared for:

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

Date: 29-NOV-06
Lab Job Number: 190560
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:	**190560**
Client:	**Fugro West, Inc.**
Project:	**133.023**
Location:	**9th Ave Terminal/POO(KOT)**
Request Date:	**11/03/06**
Samples Received:	**11/03/06**

This hardcopy data package contains sample and QC results for eleven water samples, requested for the above referenced project on 11/03/06. The samples were received intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B and EPA 8021B):
High surrogate recoveries were observed for bromofluorobenzene (FID) in the MS/MSD for batch 119041, due to interference from coeluting hydrocarbon peaks; the corresponding trifluorotoluene (FID) surrogate recoveries were within limits, and the parent sample was not a project sample. No other analytical problems were encountered.

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

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

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

CHAIN OF CUSTODY

190560

PROJECT NAME: 9th Avenue Terminal - KOT

POJECT NO.: 133.023 LAB: C&T

PROJECT CONTACT: Melissa L. Pleva TURNAROUND: Standard

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

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX				CONTAINERS						PRESERVATIVE						SAMPLING DATE										NOTES	ANALYSIS REQUESTED									
		WATER	SOIL	AIR		VOA	LITER	PINT	TUBE			HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	MONTH		DAY		YEAR		TIME					TEHd, mo w/ silica gel (8015m)	TVHg (8015m / 8020)	TVHg, BTEX (8015m / 8020)	VOCs (8260 / 8040)	MTBE (8260)	Pesticides (8080)	Title 22 Metals (6010/7000) filtered				EDD
-1	SCIMW-34	X				3	1								X			1	1	0	2	0	6	1	0	2	0	①	X	X								
-2	SCIMW-35	X				6	1								X			1	1	0	2	0	6	1	0	4	0	①	X		X							
-3	SCIMW-2	X					1								X			1	1	0	2	0	6	1	1	0	0		X									
-4	SCIMW-9	X					1								X			1	1	0	2	0	6	1	2	1	5		X									
-5	SCIMW-33	X				3	3								X			1	1	0	2	0	6	1	2	3	0	①	X				X					
-6	SCIMW-26	X				3	1								X			1	1	0	2	0	6	1	3	0	0	①	X	X								
-7	SCIMW-15	X					1								X			1	1	0	2	0	6	1	3	1	5		X									
-8	SCIMW-32	X				3									X			1	1	0	2	0	6	1	3	4	0	①				X						
-9	SCIMW-31D	X				3									X			1	1	0	2	0	6	1	3	5	0	①				X						
-10	SCIMW-22	X				3									X			1	1	0	2	0	6	1	4	1	5	①				X						
-11	SCIMW-29	X					1								X			1	1	0	2	0	6	1	6	0	0		X									
-12	Trip Blanks					3																																
-13	Unlabeled Bottle 1																																					

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
[signature]	11/02/06 1700	[signature]	11/2/06 1700
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:

① VOCs are Unpreserved

#1 Amber Bottle Rec'd w/ No Label.

#3 Trip Blanks added to CoC + Logged IN ON HOLD. PJP

FUGRO WEST, INC.

1000 Broadway, Suite 200

Oakland, California 94607

Tel: 510.268.0461 Fax: 510.268.0137

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023		
Matrix:	Water	Sampled:	11/02/06
Units:	ug/L	Received:	11/03/06
Diln Fac:	1.000	Analyzed:	11/03/06
Batch#:	119041		

Field ID: SCIMW-34 Lab ID: 190560-001
Type: SAMPLE Analysis: EPA 8015B

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	104	69-137
Bromofluorobenzene (FID)	100	80-133

Field ID: SCIMW-35 Lab ID: 190560-002
Type: SAMPLE

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

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	122	69-137	EPA 8015B
Bromofluorobenzene (FID)	122	80-133	EPA 8015B
Trifluorotoluene (PID)	112	64-132	EPA 8021B
Bromofluorobenzene (PID)	115	80-120	EPA 8021B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023		
Matrix:	Water	Sampled:	11/02/06
Units:	ug/L	Received:	11/03/06
Diln Fac:	1.000	Analyzed:	11/03/06
Batch#:	119041		

Field ID:	SCIMW-26	Lab ID:	190560-006
Type:	SAMPLE	Analysis:	EPA 8015B

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	124	69-137
Bromofluorobenzene (FID)	122	80-133

Type: BLANK Lab ID: QC362867

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

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	135	69-137	EPA 8015B
Bromofluorobenzene (FID)	130	80-133	EPA 8015B
Trifluorotoluene (PID)	121	64-132	EPA 8021B
Bromofluorobenzene (PID)	119	80-120	EPA 8021B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190560	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:	QC362868	Batch#:	119041
Matrix:	Water	Analyzed:	11/03/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	21.44	107	80-120
Toluene	20.00	21.26	106	80-120
Ethylbenzene	20.00	22.28	111	80-120
m,p-Xylenes	20.00	21.30	107	80-120
o-Xylene	20.00	21.32	107	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	121	64-132
Bromofluorobenzene (PID)	119	80-120

Curtis & Tompkins, Ltd.

atch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190560	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:	QC362869	Batch#:	119041
Matrix:	Water	Analyzed:	11/03/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,272	114	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	135	69-137
Bromofluorobenzene (FID)	131	80-133

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	119041
MSS Lab ID:	190546-020	Sampled:	11/02/06
Matrix:	Water	Received:	11/02/06
Units:	ug/L	Analyzed:	11/03/06
Diln Fac:	1.000		

Type: MS Lab ID: QC362942

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	<27.03	2,000	2,183	109	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	134	69-137
Bromofluorobenzene (FID)	152 *	80-133

Type: MSD Lab ID: QC362943

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,090	105	80-120	4	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	125	69-137
Bromofluorobenzene (FID)	134 *	80-133

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/02/06
Units:	ug/L	Received:	11/03/06
Dil'n Fac:	1.000	Prepared:	11/13/06
Batch#:	119403		

Field ID: SCIMW-34
Type: SAMPLE
Lab ID: 190560-001
Analyzed: 11/15/06
Cleanup Method: EPA 3630C

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

Surrogate	%REC	Limits
Hexacosane	124	65-130

Field ID: SCIMW-35
Type: SAMPLE
Lab ID: 190560-002
Analyzed: 11/15/06
Cleanup Method: EPA 3630C

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

Surrogate	%REC	Limits
Hexacosane	122	65-130

Field ID: SCIMW-2
Type: SAMPLE
Lab ID: 190560-003
Analyzed: 11/15/06
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	1,400 H	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	128	65-130

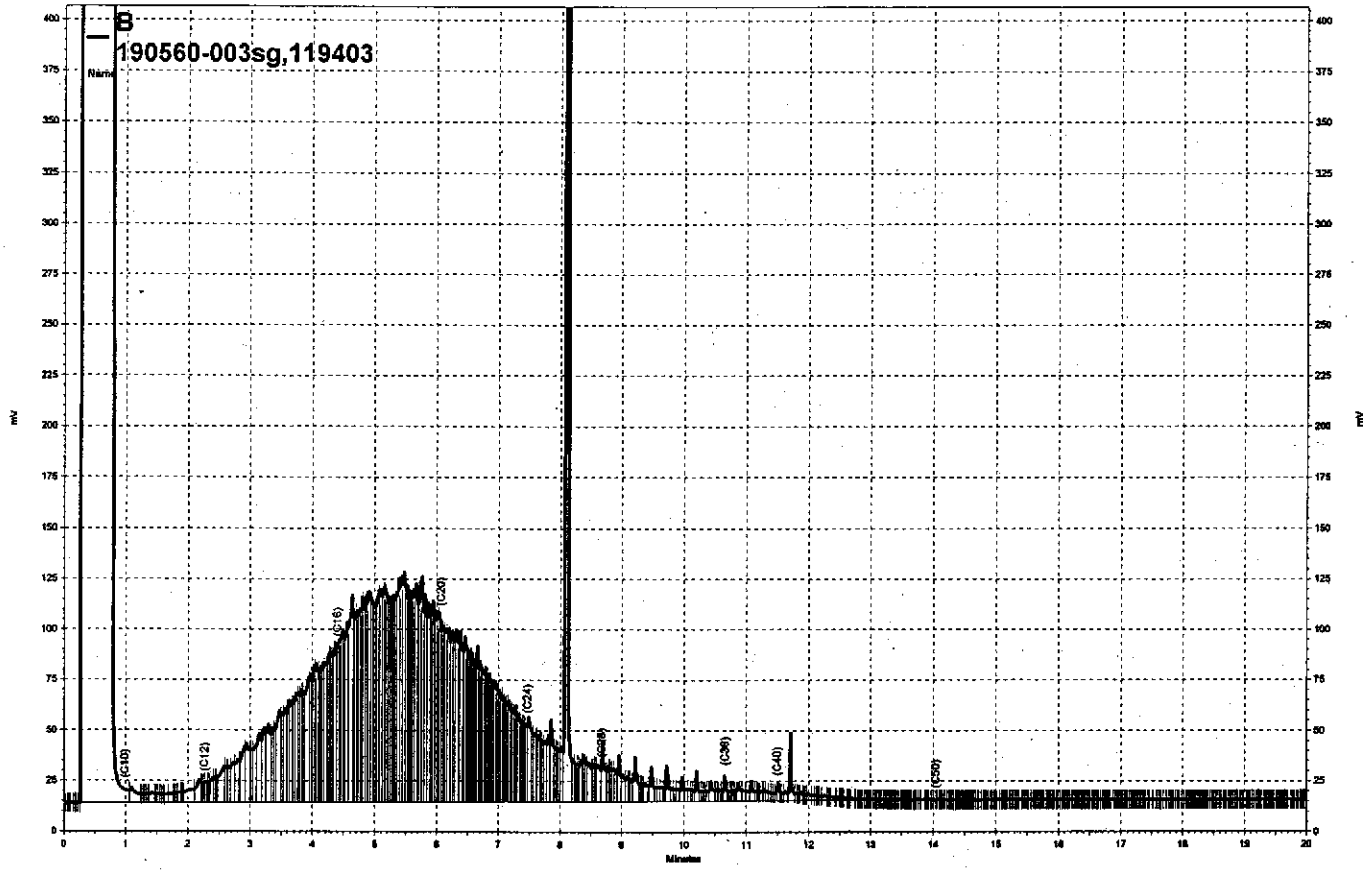
Field ID: SCIMW-9
Type: SAMPLE
Lab ID: 190560-004
Analyzed: 11/15/06
Cleanup Method: EPA 3630C

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

Surrogate	%REC	Limits
Hexacosane	114	65-130

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

15.0



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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/02/06
Units:	ug/L	Received:	11/03/06
Diln Fac:	1.000	Prepared:	11/13/06
Batch#:	119403		

Field ID: SCIMW-33
Type: SAMPLE
Lab ID: 190560-005
Analyzed: 11/15/06
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	280 Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	123	65-130

Field ID: SCIMW-26
Type: SAMPLE
Lab ID: 190560-006
Analyzed: 11/15/06
Cleanup Method: EPA 3630C

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

Surrogate	%REC	Limits
Hexacosane	118	65-130

Field ID: SCIMW-15
Type: SAMPLE
Lab ID: 190560-007
Analyzed: 11/15/06
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	57 Y	50
Motor Oil C24-C36	ND	300

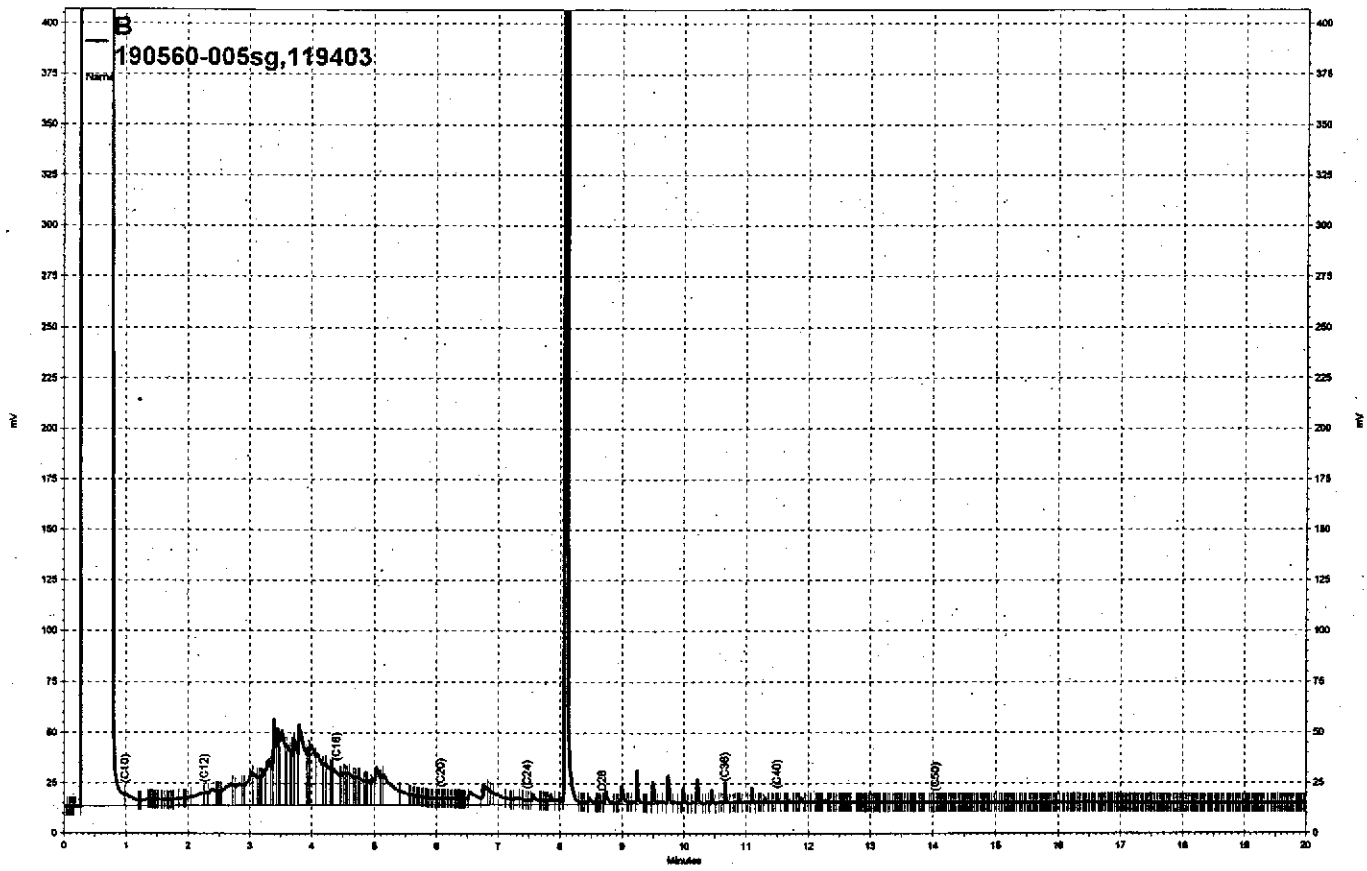
Surrogate	%REC	Limits
Hexacosane	125	65-130

Field ID: SCIMW-29
Type: SAMPLE
Lab ID: 190560-011
Analyzed: 11/15/06
Cleanup Method: EPA 3630C

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

Surrogate	%REC	Limits
Hexacosane	125	65-130

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



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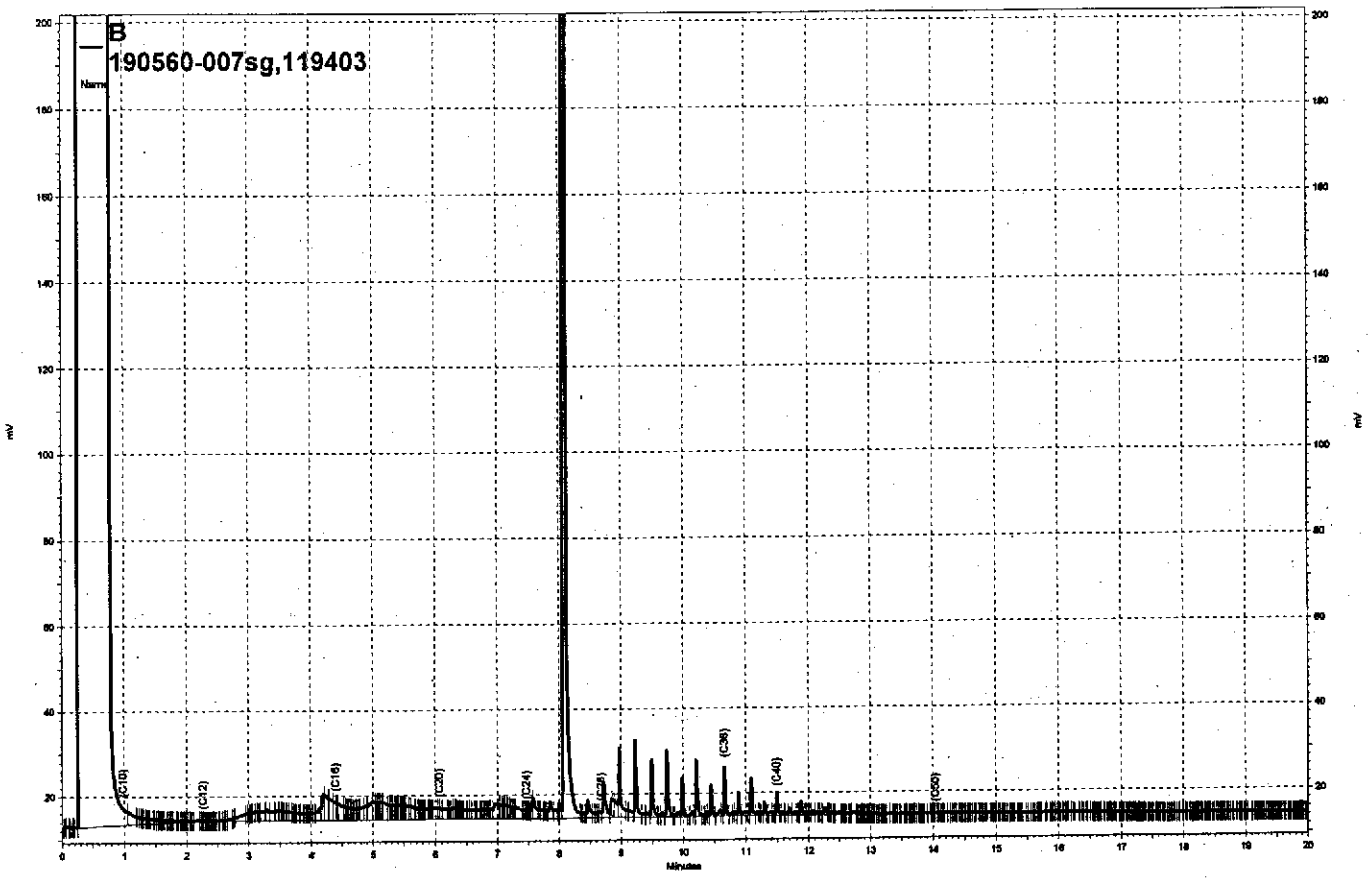

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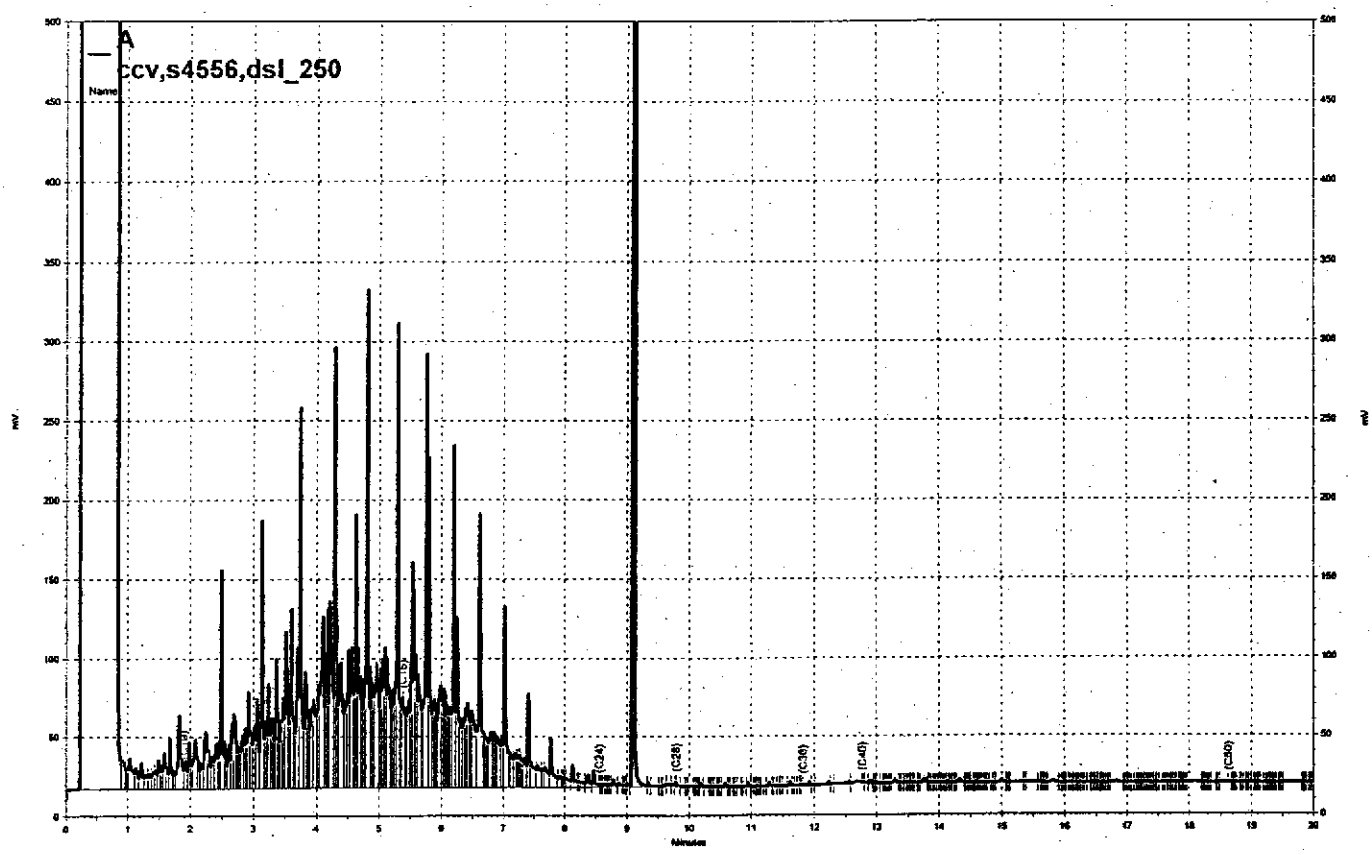

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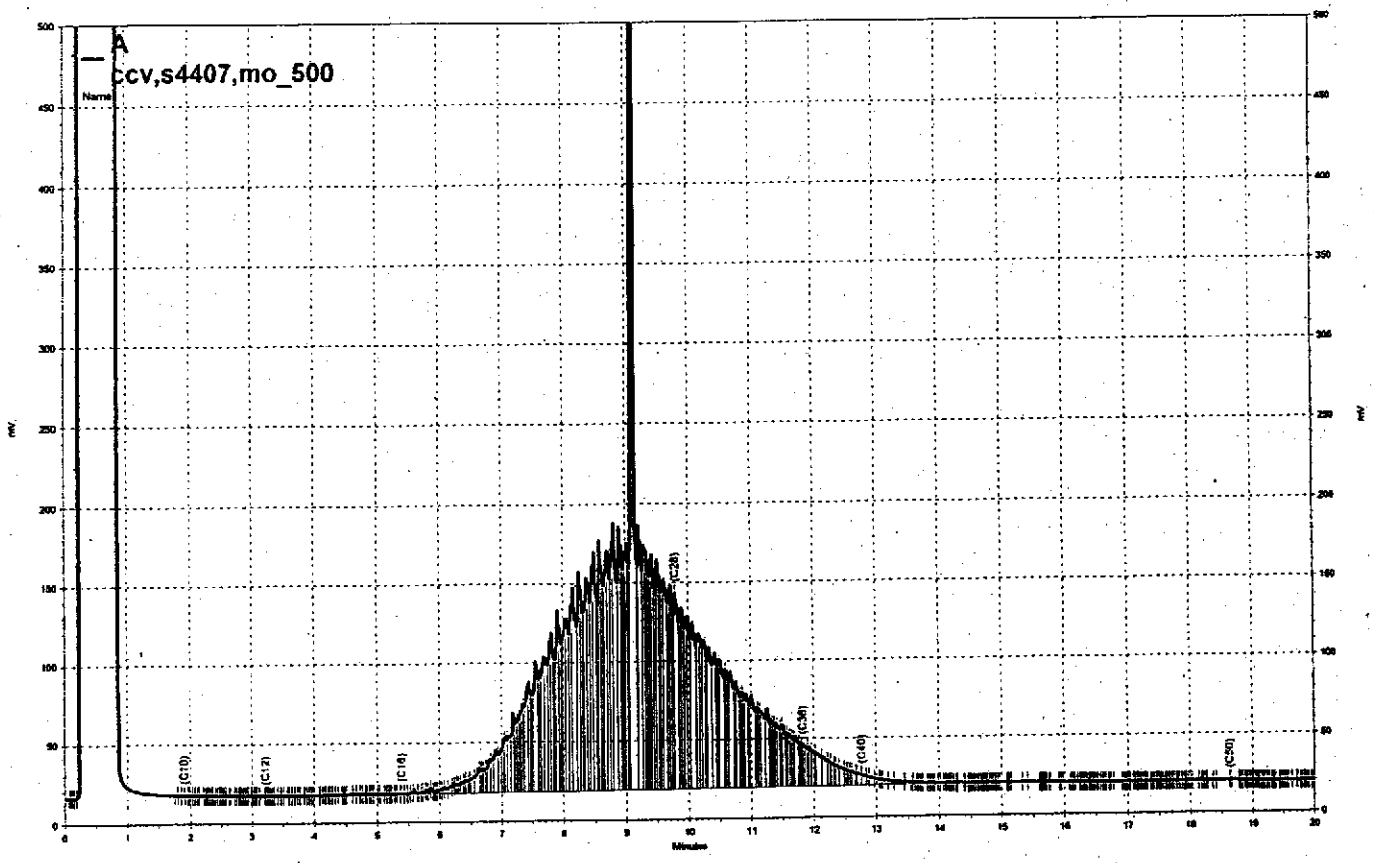

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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/02/06
Units:	ug/L	Received:	11/03/06
Diln Fac:	1.000	Prepared:	11/13/06
Batch#:	119403		

Type:	BLANK	Analyzed:	11/14/06
Lab ID:	QC364357	Cleanup Method:	EPA 3630C

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

Surrogate	%REC	Limits
Hexacosane	106	65-130

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

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	119403
Units:	ug/L	Prepared:	11/13/06
Diln Fac:	1.000	Analyzed:	11/14/06

Type: BS Cleanup Method: EPA 3630C
Lab ID: QC364358

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,988	120	61-133

Surrogate	%REC	Limits
n-exacosane	128	65-130

Type: BSD Cleanup Method: EPA 3630C
Lab ID: QC364359

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,607	104	61-133	14	31

Surrogate	%REC	Limits
n-exacosane	115	65-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8081A
Matrix:	Water	Batch#:	119123
Units:	ug/L	Prepared:	11/06/06
Diln Fac:	1.000	Analyzed:	11/08/06

Type: BS Lab ID: QC363207

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.1882	94	67-126
Heptachlor	0.2000	0.1789	89	62-122
Aldrin	0.2000	0.2052	103	65-120
Dieldrin	0.4000	0.3781	95	68-130
Endrin	0.4000	0.3439	86	54-133
4,4'-DDT	0.4000	0.3415	85	56-131

Surrogate	%REC	Limits
TCMX	113	48-125
Decachlorobiphenyl	91	34-130

Type: BSD Lab ID: QC363208

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.2000	0.2223	111	67-126	17	21
Heptachlor	0.2000	0.2185	109	62-122	20	26
Aldrin	0.2000	0.2153	108	65-120	5	21
Dieldrin	0.4000	0.4253	106	68-130	12	21
Endrin	0.4000	0.4081	102	54-133	17	38
4,4'-DDT	0.4000	0.4419	110	56-131	26	30

Surrogate	%REC	Limits
TCMX	113	48-125
Decachlorobiphenyl	109	34-130

RPD= Relative Percent Difference

14.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-32	Batch#:	119081
Lab ID:	190560-008	Sampled:	11/02/06
Matrix:	Water	Received:	11/03/06
Units:	ug/L	Analyzed:	11/05/06
Diln Fac:	1.000		

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

6.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-31D	Batch#:	119081
Lab ID:	190560-009	Sampled:	11/02/06
Matrix:	Water	Received:	11/03/06
Units:	ug/L	Analyzed:	11/06/06
Diln Fac:	1.000		

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	115	80-120
1,2-Dichloroethane-d4	111	80-130
Toluene-d8	109	80-120
Bromofluorobenzene	96	80-122

ND= Not Detected
RL= Reporting Limit

7.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-22	Batch#:	119081
Lab ID:	190560-010	Sampled:	11/02/06
Matrix:	Water	Received:	11/03/06
Units:	ug/L	Analyzed:	11/06/06
Diln Fac:	1.000		

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

8.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-22	Batch#:	119081
Lab ID:	190560-010	Sampled:	11/02/06
Matrix:	Water	Received:	11/03/06
Units:	ug/L	Analyzed:	11/06/06
Diln Fac:	1.000		

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	115	80-120
1,2-Dichloroethane-d4	108	80-130
Toluene-d8	106	80-120
Bromofluorobenzene	95	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Organics by GC/MS

Lab #:	190560	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:	QC363044	Batch#:	119081
Matrix:	Water	Analyzed:	11/05/06
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

D= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	190560	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:	QC363044	Batch#:	119081
Matrix:	Water	Analyzed:	11/05/06
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	109	80-120
1,2-Dichloroethane-d4	104	80-130
Toluene-d8	106	80-120
Bromofluorobenzene	97	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Organics by GC/MS

Lab #:	190560	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	119081
Units:	ug/L	Analyzed:	11/05/06
Diln Fac:	1.000		

ype: BS Lab ID: QC363042

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	27.93	112	77-128
Benzene	25.00	25.91	104	80-120
Trichloroethene	25.00	27.17	109	80-120
Toluene	25.00	25.85	103	80-120
Chlorobenzene	25.00	28.09	112	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	88	80-130
Toluene-d8	96	80-120
Bromofluorobenzene	95	80-122

ype: BSD Lab ID: QC363043

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	28.23	113	77-128	1	20
Benzene	25.00	26.36	105	80-120	2	20
Trichloroethene	25.00	27.08	108	80-120	0	20
Toluene	25.00	27.88	112	80-120	8	20
Chlorobenzene	25.00	27.42	110	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	109	80-120
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	91	80-122

RPD= Relative Percent Difference

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	[illegible]	1	[illegible]	000238816 JJK

5. Generator's Name and Mailing Address: Port of Oakland [illegible] Oakland, CA 94607

Generator's Site Address (if different than mailing address)

Generator's Phone: 510-[illegible]-1100

6. Transporter 1 Company Name: [illegible] Environmental Services — U.S. EPA ID Number: [illegible]

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

8. Designated Facility Name and Site Address: Crosby & Overton [illegible] Long Beach CA 90813 — U.S. EPA ID Number: CAD028409019

Facility's Phone: [illegible]

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)	004	DM	200	G	134
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: [illegible] 2x55 [illegible]

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: [illegible] — Signature: [signature] — Month Day Year: 12 06 06

INT'L

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: — Date leaving U.S.:

Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature: [signature] — Month Day Year: 12 07 06

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.

GENERATOR'S INITIAL COPY

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: 08-DEC-06
Lab Job Number: 190608
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:	190608
Client:	Fugro West, Inc.
Project:	133.023
Location:	9th Ave Terminal/POO(KOT)
Request Date:	11/06/06
Samples Received:	11/06/06

This hardcopy data package contains sample and QC results for five water samples, requested for the above referenced project on 11/06/06. 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):
Hexachlorobutadiene was detected above the RL in the method blank for batch 119195; this analyte was not detected in samples at or above the RL. No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
No analytical problems were encountered.

CHAIN OF CUSTODY

190608

PROJECT NAME: 9th Avenue Terminal - KOT

PROJECT NO.: 133.023 LAB: C&T

PROJECT CONTACT: Melissa L. Pleva TURNAROUND: Standard

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

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	CONTAINERS: VOA	CONTAINERS: LITER	CONTAINERS: PINT	CONTAINERS: TUBE	CONTAINERS: Poly	PRESERVATIVE: HCL	PRESERVATIVE: H_2SO_4	PRESERVATIVE: HNO_3	PRESERVATIVE: ICE	PRESERVATIVE: OTHER	PRESERVATIVE: NONE	SAMPLING DATE: MONTH	DAY	YEAR	TIME	NOTES	ANALYSIS REQUESTED: TEHd, mo w/ silica gel (8015m)	TVHg (8015m / 8020)	TVHg, BTEX (8015m / 8020)	VOCs (8260 / 8040)	MTBE (8260)	Pesticides (8080)	Title 22 Metals (6010/7000) filtered			EDD
-1	SCIMW-3D				3								X			11	06	06	1120	(1)				X					
-2	SCIMW-2B				3	1			1			X	X			11	06	06	1150	(2)	X			X			X			
-3	MW-2					1							X			11	06	06	1430		X								
-4	MW-3					1							X			11	06	06	1225		X								
-5	TRIPBLANK-060606				3					X			X																

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
[signature]	11/6/06 1510	[signature]	11/6/06 1510
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME

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COMMENTS & NOTES:

(1) VOAs are Unpreserved

(2) field filtered sample to be tested for metals, VOAs are Unpreserved.

cold, intact, on ice

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

Excel

Sample -02 ID does not agree with bottles. Identified using time and [illegible] according to COC ID 11-6-06

CHAIN OF CUSTODY

190608

PROJECT NAME: 9th Avenue Terminal - KOT

POJECT NO.: 133.023 LAB: C&T

PROJECT CONTACT: Melissa L. Pleva TURNAROUND: Standard

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

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX				CONTAINERS						PRESERVATIVE						SAMPLING DATE					NOTES	ANALYSIS REQUESTED									
		WATER	SOIL	AIR		VOA	LITER	PINT	TUBE			HCL	H_2SO_4	HNO_3	ICE	OTHER	NONE	MONTH	DAY	YEAR	TIME			TEHd, mo w/ silica gel (8015m)	TVHg (8015m / 8020)	TVHg, BTEX (8015m / 8020)	VOCs (8260 / 8040)	MTBE (8260)	Pesticides (8080)	Title 22 Metals (6010/7000) filtered			EDD
-6	SCIMW-11	X				6	1								X			11	06	06	1040		(1)	X		X						X

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
Melissa Pleva	11/6/06 1510	Jan Ingram	11/06/06 1510
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
ELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME

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

COMMENTS & NOTES:

(1) VOAs are unpreserved

Cold, Intact, on ice

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

Excel

Anna Pajarillo

From: "Pleva, Melissa" <MPleva@Fugro.com>
To: "Anna Pajarillo" <anna@ctberk.com>
Sent: Monday, November 06, 2006 3:49 PM
Attach: DOC000.PDF
Subject: RE: 133.023 - C&T Login Summary (190560)

I just dropped off a COC today. With SCIMW-30, MW-2, MW-3 and SCIMW-28. (the coc says SCIMW-24, but that is not correct) It should be SCIMW-28. The samples are labled correctly. See attached adjusted COC.

-----Original Message-----
From: Anna Pajarillo [mailto:anna@ctberk.com]
Sent: Monday, November 06, 2006 3:53 PM
To: Pleva, Melissa
Subject: Re: 133.023 - C&T Login Summary (190560)

It was a 1Liter Amber. All other bottles were accounted for, as requested on the COC.

---- Original Message ----
From: Pleva, Melissa
To: Anna M. Pajarillo
Sent: Monday, November 06, 2006 3:31 PM
Subject: RE: 133.023 - C&T Login Summary (190560)

what type of bottle was unlabeled? Did you have labeled bottles for all of the tests requested on the COC?

-----Original Message-----
From: Anna M. Pajarillo [mailto:anna@ctberk.com]
Sent: Monday, November 06, 2006 12:51 PM
To: Pleva, Melissa
Cc: dherman@portoakland.com
Subject: 133.023 - C&T Login Summary (190560)

C&T Login Summary for 190560

Project: 133.023 **Site:** 9th Ave Terminal/POO(KOT) **Lab Login #:** 190560 **Report Due:** 11/17/06 **PO#:** **C&T Proj Mgr:** Anna M. Pajarillo	**Report To:** Fugro West, Inc. 1000 Broadway Suite 200 Oakland, CA 94607 ATTN: Melissa Pleva (510) 268-0461	**Bill**

Client ID	Lab ID	Sampled	Received	Matrix	Analyses	COC #	Co
SCIMW-34	001	11/02	11/03				

				Water	SILICA GEL		
				Water	TEHM		Sili
				Water	TVH		
SCIMW-35	002	11/02	11/03				
				Water	SILICA GEL		
				Water	TEHM		Sili
				Water	TVH/BTXE		
SCIMW-2	003	11/02	11/03				
				Water	SILICA GEL		
				Water	TEHM		Sili
SCIMW-9	004	11/02	11/03				
				Water	SILICA GEL		
				Water	TEHM		Sili
SCIMW-33	005	11/02	11/03				
				Water	8081		
				Water	SILICA GEL		
				Water	TEHM		Sili
SCIMW-26	006	11/02	11/03				
				Water	SILICA GEL		
				Water	TEHM		Sili
				Water	TVH		
SCIMW-15	007	11/02	11/03				
				Water	SILICA GEL		
				Water	TEHM		Sili
SCIMW-32	008	11/02	11/03				
				Water	8260		
SCIMW-31D	009	11/02	11/03				
				Water	8260		
SCIMW-22	010	11/02	11/03				
				Water	8260		
SCIMW-29	011	11/02	11/03				
				Water	SILICA GEL		
				Water	TEHM		Sili
TRIP BLANKS	012	11/02	11/03				
				Water	HOLD		
UN-LABELED BOTTLE	013	11/02	11/03				
				Water	HOLD		

CHAIN OF CUSTODY

PROJECT NAME: 9th Avenue Terminal - KOT

POJECT NO.: 133.023 — LAB: C&T

PROJECT CONTACT: Melissa L. Pleva — TURNAROUND: Standard

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

LABORATORY I.D. NUMBER	FIELD SAMPLE I.D.	MATRIX				CONTAINERS					PRESERVATIVE						SAMPLING DATE				NOTES	ANALYSIS REQUESTED									
		WATER	SOIL	AIR		VOA	LITER	PINT	TUBE	Poly	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)	Title 22 Metals (6010/7000) filtered			EDD
	SedMW-30					3								X			11	06	06	1120	①				X					
	SedMW-28					3	1			1			X	X			11	06	06	1150	②	X			X			X		
	MW-2						1							X			11	06	06	1450		X								
	MW-3						1							X			11	06	06	1225		X								
	TRIPBLANK-NOAA					3					X			X																

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
[signature]	11/6/06 1510	[signature]	11/6/06 1510
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME

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

COMMENTS & NOTES:

① VOAs are Unpreserved

② field filtered sample to be tested for metals, VOAs are Unpreserved.

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

Excel

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023		
Field ID:	SCIMW-11	Batch#:	119110
Matrix:	Water	Sampled:	11/06/06
Units:	ug/L	Received:	11/06/06
Diln Fac:	1.000		

Type: SAMPLE Analyzed: 11/07/06
Lab ID: 190608-006

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)	104	69-137	EPA 8015B
Bromofluorobenzene (FID)	114	80-133	EPA 8015B
Trifluorotoluene (PID)	74	64-132	EPA 8021B
Bromofluorobenzene (PID)	83	80-120	EPA 8021B

Type: BLANK Analyzed: 11/06/06
Lab ID: QC363162

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)	117	69-137	EPA 8015B
Bromofluorobenzene (FID)	123	80-133	EPA 8015B
Trifluorotoluene (PID)	81	64-132	EPA 8021B
Bromofluorobenzene (PID)	82	80-120	EPA 8021B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190608	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:	QC363163	Batch#:	119110
Matrix:	Water	Analyzed:	11/06/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
MTBE	20.00	21.35	107	72-124
Benzene	20.00	17.57	88	80-120
Toluene	20.00	17.31	87	80-120
Ethylbenzene	20.00	19.24	96	80-120
m,p-Xylenes	20.00	17.75	89	80-120
o-Xylene	20.00	18.48	92	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	87	64-132
Bromofluorobenzene (PID)	99	80-120

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190608	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:	QC363164	Batch#:	119110
Matrix:	Water	Analyzed:	11/06/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,940	97	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	121	69-137
Bromofluorobenzene (FID)	132	80-133

Curtis & Tompkins, Ltd.

atch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	119110
MSS Lab ID:	190606-001	Sampled:	11/06/06
Matrix:	Water	Received:	11/06/06
Units:	ug/L	Analyzed:	11/06/06
Diln Fac:	1.000		

Type: MS Lab ID: QC363191

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	19.65	2,000	1,927	95	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	120	69-137
Bromofluorobenzene (FID)	126	80-133

ype: MSD Lab ID: QC363192

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,003	99	80-120	4	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	120	69-137
Bromofluorobenzene (FID)	131	80-133

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/06/06
Units:	ug/L	Received:	11/06/06
Diln Fac:	1.000	Prepared:	11/14/06
Batch#:	119442		

Field ID:	SCIMW-28	Analyzed:	11/15/06
Type:	SAMPLE	Cleanup Method:	EPA 3630C
Lab ID:	190608-002		

Analyte	Result	RL
Diesel C10-C24	97 H Y	50
Motor Oil C24-C36	ND	300

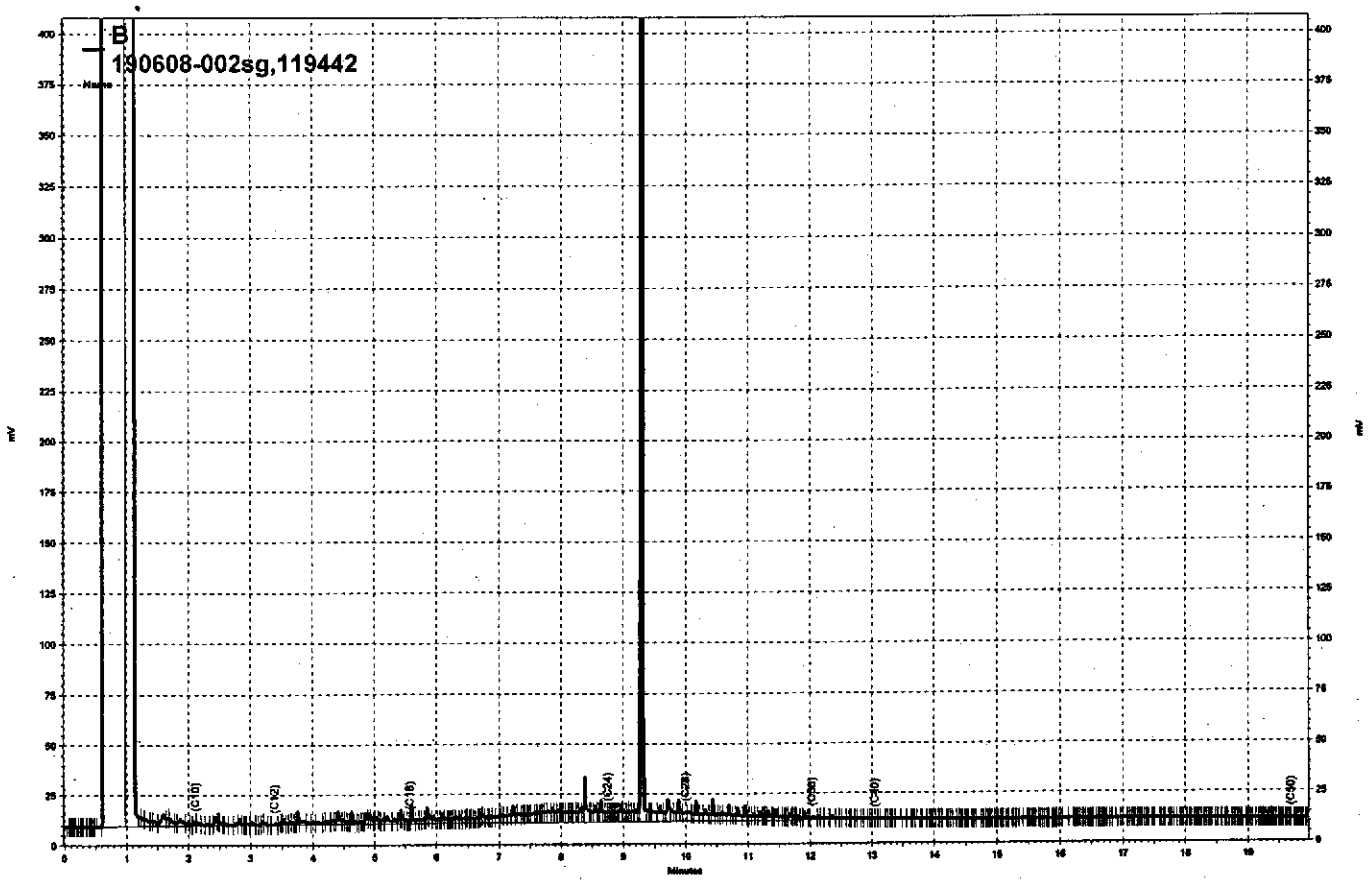
Surrogate	%REC	Limits
Hexacosane	89	65-130

Field ID:	MW-2	Analyzed:	11/16/06
Type:	SAMPLE	Cleanup Method:	EPA 3630C
Lab ID:	190608-003		

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

Surrogate	%REC	Limits
Hexacosane	102	65-130

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



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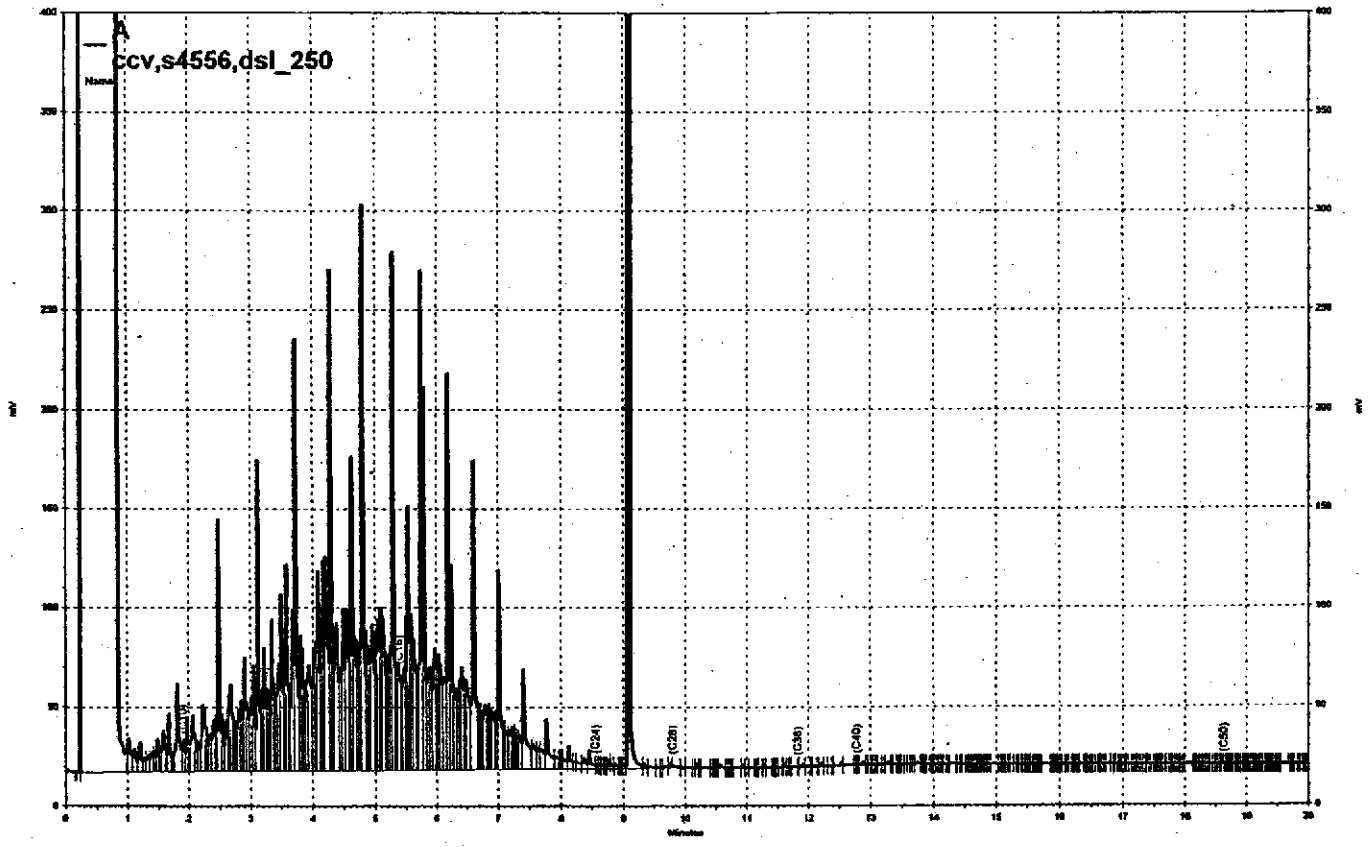

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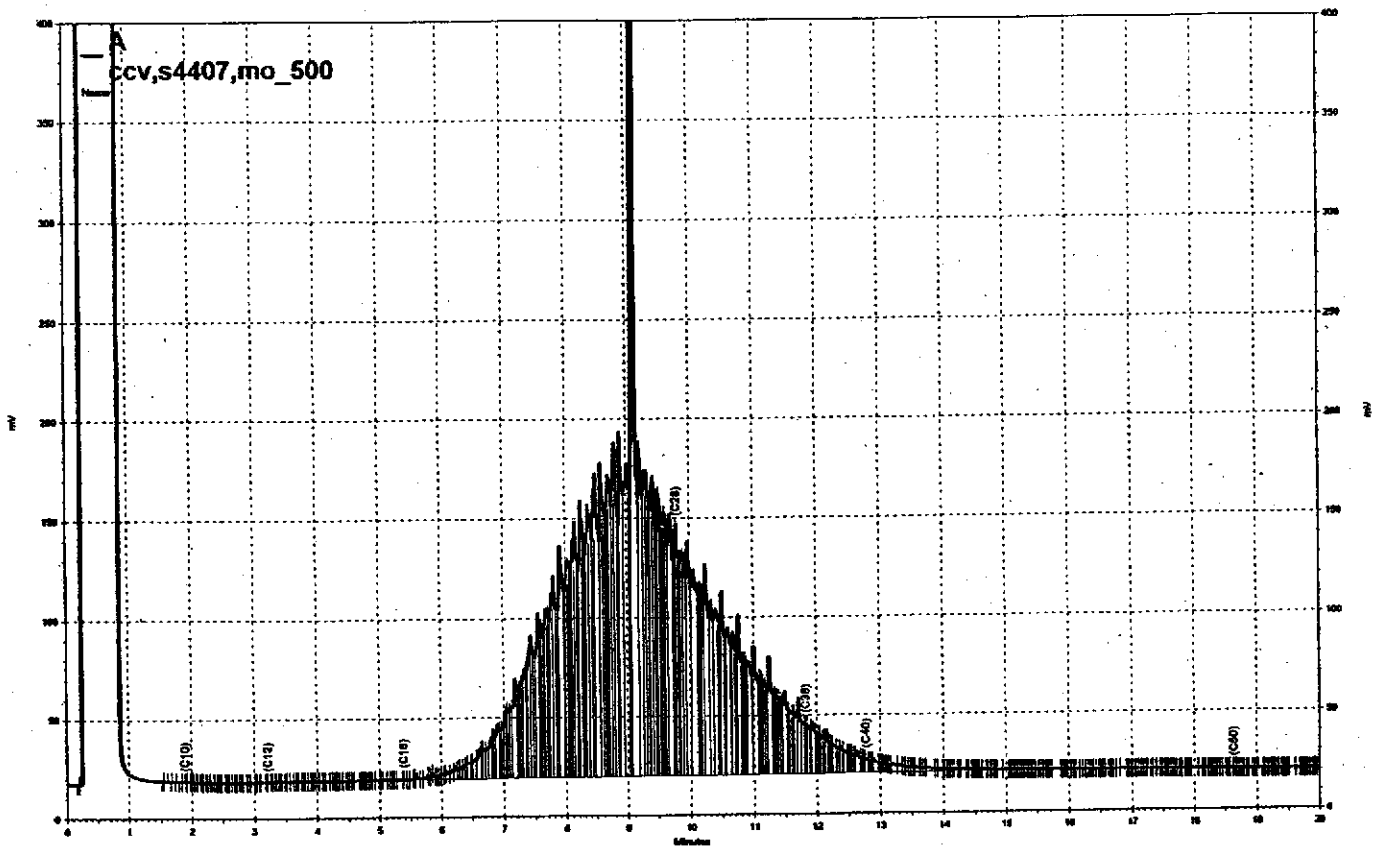

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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/06/06
Units:	ug/L	Received:	11/06/06
Diln Fac:	1.000	Prepared:	11/14/06
Batch#:	119442		

Field ID:	MW-3	Analyzed:	11/16/06
Type:	SAMPLE	Cleanup Method:	EPA 3630C
Lab ID:	190608-004		

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

Surrogate	%REC	Limits
Hexacosane	96	65-130

Field ID:	SCIMW-11	Analyzed:	11/16/06
Type:	SAMPLE	Cleanup Method:	EPA 3630C
Lab ID:	190608-006		

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

Surrogate	%REC	Limits
Hexacosane	117	65-130

Type:	BLANK	Analyzed:	11/15/06
Lab ID:	QC364507	Cleanup Method:	EPA 3630C

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

Surrogate	%REC	Limits
Hexacosane	89	65-130

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

Curtis & Tompkins, Ltd.

atch QC Report

Total Extractable Hydrocarbons

ab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3520C
Project#:	133.023	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	119442
Units:	ug/L	Prepared:	11/14/06
Diln Fac:	1.000	Analyzed:	11/15/06

ype: BS
ab ID: QC364508
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,391	96	61-133

Surrogate	%REC	Limits
Hexacosane	106	65-130

ype: BSD
Lab ID: QC364509
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,219	89	61-133	7	31

Surrogate	%REC	Limits
Hexacosane	97	65-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-30	Batch#:	119195
Lab ID:	190608-001	Sampled:	11/06/06
Matrix:	Water	Received:	11/06/06
Units:	ug/L	Analyzed:	11/08/06
Diln Fac:	1.000		

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	1.2	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	0.5	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.

Purgeable Organics by GC/MS

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-30	Batch#:	119195
Lab ID:	190608-001	Sampled:	11/06/06
Matrix:	Water	Received:	11/06/06
Units:	ug/L	Analyzed:	11/08/06
Diln Fac:	1.000		

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	113	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-28	Batch#:	119195
Lab ID:	190608-002	Sampled:	11/06/06
Matrix:	Water	Received:	11/06/06
Units:	ug/L	Analyzed:	11/08/06
Diln Fac:	1.000		

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	11	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

8.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Field ID:	SCIMW-28	Batch#:	119195
Lab ID:	190608-002	Sampled:	11/06/06
Matrix:	Water	Received:	11/06/06
Units:	ug/L	Analyzed:	11/08/06
Diln Fac:	1.000		

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	95	80-120
1,2-Dichloroethane-d4	107	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	97	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	190608	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:	QC363497	Batch#:	119195
Matrix:	Water	Analyzed:	11/08/06
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.

atch QC Report

Purgeable Organics by GC/MS

Lab #:	190608	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:	QC363497	Batch#:	119195
Matrix:	Water	Analyzed:	11/08/06
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	0.8	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	100	80-122

D= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 5030B
Project#:	133.023	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	119195
Units:	ug/L	Analyzed:	11/08/06
Diln Fac:	1.000		

Type: BS Lab ID: QC363495

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	29.78	119	77-128
Benzene	25.00	26.74	107	80-120
Trichloroethene	25.00	27.55	110	80-120
Toluene	25.00	27.84	111	80-120
Chlorobenzene	25.00	26.40	106	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	97	80-122

Type: BSD Lab ID: QC363496

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	29.05	116	77-128	2	20
Benzene	25.00	25.57	102	80-120	4	20
Trichloroethene	25.00	27.17	109	80-120	1	20
Toluene	25.00	26.58	106	80-120	5	20
Chlorobenzene	25.00	25.46	102	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	102	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	97	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Dissolved California Title 26 Metals

Lab #:	190608	Project#:	133.023
Client:	Fugro West, Inc.	Location:	9th Ave Terminal/POO(KOT)
Field ID:	SCIMW-28	Sampled:	11/06/06
Lab ID:	190608-002	Received:	11/06/06
Matrix:	Filtrate	Prepared:	11/14/06
Units:	ug/L	Analyzed:	11/15/06
Diln Fac:	1.000		

Analyte	Result	RL	Batch#	Prep	Analysis
Antimony	ND	60	119421	EPA 3010A	EPA 6010B
Arsenic	14	5.0	119421	EPA 3010A	EPA 6010B
Barium	64	10	119421	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	119421	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	119421	EPA 3010A	EPA 6010B
Chromium	ND	10	119421	EPA 3010A	EPA 6010B
Cobalt	ND	20	119421	EPA 3010A	EPA 6010B
Copper	71	10	119421	EPA 3010A	EPA 6010B
Lead	45	3.0	119421	EPA 3010A	EPA 6010B
Mercury	ND	0.20	119461	METHOD	EPA 7470A
Molybdenum	41	20	119421	EPA 3010A	EPA 6010B
Nickel	ND	20	119421	EPA 3010A	EPA 6010B
Selenium	ND	5.0	119421	EPA 3010A	EPA 6010B
Silver	ND	5.0	119421	EPA 3010A	EPA 6010B
Thallium	ND	5.0	119421	EPA 3010A	EPA 6010B
Vanadium	ND	10	119421	EPA 3010A	EPA 6010B
Zinc	160	20	119421	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Dissolved California Title 26 Metals

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3010A
Project#:	133.023	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC364427	Batch#:	119421
Matrix:	Filtrate	Prepared:	11/14/06
Units:	ug/L	Analyzed:	11/15/06

Analyte	Result	RL
Antimony	ND	60
Arsenic	ND	5.0
Barium	ND	10
Beryllium	ND	2.0
Cadmium	ND	5.0
Chromium	ND	10
Cobalt	ND	20
Copper	ND	10
Lead	ND	3.0
Molybdenum	ND	20
Nickel	ND	20
Selenium	ND	5.0
Silver	ND	5.0
Thallium	ND	5.0
Vanadium	ND	10
Zinc	ND	20

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Dissolved California Title 26 Metals

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	METHOD
Project#:	133.023	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	119461
Lab ID:	QC364615	Prepared:	11/14/06
Matrix:	Water	Analyzed:	11/15/06
Units:	ug/L		

Result	RL
ND	0.20

ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.

Batch QC Report

Dissolved California Title 26 Metals

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3010A
Project#:	133.023	Analysis:	EPA 6010B
Matrix:	Filtrate	Batch#:	119421
Units:	ug/L	Prepared:	11/14/06
Diln Fac:	1.000	Analyzed:	11/15/06

Type: BS Lab ID: QC364428

Analyte	Spiked	Result	%REC	Limits
Antimony	500.0	518.6	104	80-120
Arsenic	100.0	104.4	104	80-120
Barium	2,000	2,018	101	80-120
Beryllium	50.00	55.16	110	80-120
Cadmium	50.00	52.52	105	80-120
Chromium	200.0	203.6	102	80-120
Cobalt	500.0	494.1	99	80-120
Copper	250.0	252.0	101	80-120
Lead	100.0	97.19	97	80-120
Molybdenum	400.0	417.7	104	80-120
Nickel	500.0	504.3	101	80-120
Selenium	100.0	105.8	106	80-120
Silver	50.00	50.95	102	80-120
Thallium	100.0	101.8	102	80-120
Vanadium	500.0	514.2	103	80-120
Zinc	500.0	511.1	102	80-120

Type: BSD Lab ID: QC364429

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	508.2	102	80-120	2	20
Arsenic	100.0	101.7	102	80-120	3	20
Barium	2,000	1,960	98	80-120	3	20
Beryllium	50.00	54.06	108	80-120	2	20
Cadmium	50.00	51.14	102	80-120	3	20
Chromium	200.0	198.4	99	80-120	3	20
Cobalt	500.0	483.0	97	80-120	2	20
Copper	250.0	244.7	98	80-120	3	20
Lead	100.0	93.71	94	80-120	4	20
Molybdenum	400.0	407.5	102	80-120	2	20
Nickel	500.0	491.3	98	80-120	3	20
Selenium	100.0	101.6	102	80-120	4	20
Silver	50.00	49.77	100	80-120	2	20
Thallium	100.0	99.38	99	80-120	2	20
Vanadium	500.0	504.5	101	80-120	2	20
Zinc	500.0	493.8	99	80-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Dissolved California Title 26 Metals

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	METHOD
Project#:	133.023	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	119461
Matrix:	Water	Prepared:	11/14/06
Units:	ug/L	Analyzed:	11/15/06
Dln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
LCS	QC364616	5.000	5.410	108	80-120		
LCSD	QC364617	5.000	5.330	107	80-120	1	20

RPD= Relative Percent Difference

16.0

Curtis & Tompkins, Ltd.

Batch QC Report

Dissolved California Title 26 Metals

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	EPA 3010A
Project#:	133.023	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	119421
MSS Lab ID:	190699-002	Sampled:	11/06/06
Matrix:	Filtrate	Received:	11/08/06
Units:	ug/L	Prepared:	11/14/06
Diln Fac:	1.000	Analyzed:	11/15/06

Type: MS Lab ID: QC364430

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<4.325	500.0	539.7	108	70-121
Arsenic	7.382	100.0	117.7	110	76-129
Barium	363.9	2,000	2,198	92	78-120
Beryllium	<0.6761	50.00	51.48	103	80-120
Cadmium	<1.677	50.00	46.55	93	80-120
Chromium	<1.753	200.0	186.3	93	80-120
Cobalt	2.715	500.0	431.0	86	80-120
Copper	2.458	250.0	272.7	108	79-120
Lead	<0.4605	100.0	71.88	72	70-120
Molybdenum	<1.640	400.0	392.0	98	71-120
Nickel	2.829	500.0	436.9	87	77-120
Selenium	<2.560	100.0	112.1	112	73-132
Silver	5.282	50.00	63.31	116	73-121
Thallium	8.316	100.0	86.22	78	65-120
Vanadium	<1.500	500.0	491.8	98	80-120
Zinc	<7.651	500.0	447.5	90	74-123

Type: MSD Lab ID: QC364431

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	536.2	107	70-121	1	20
Arsenic	100.0	117.4	110	76-129	0	20
Barium	2,000	2,198	92	78-120	0	20
Beryllium	50.00	51.81	104	80-120	1	20
Cadmium	50.00	46.68	93	80-120	0	20
Chromium	200.0	187.4	94	80-120	1	20
Cobalt	500.0	430.2	85	80-120	0	20
Copper	250.0	273.2	108	79-120	0	20
Lead	100.0	71.58	72	70-120	0	20
Molybdenum	400.0	389.8	97	71-120	1	20
Nickel	500.0	440.8	88	77-120	1	20
Selenium	100.0	113.0	113	73-132	1	20
Silver	50.00	63.23	116	73-121	0	20
Thallium	100.0	87.99	80	65-120	2	20
Vanadium	500.0	493.0	99	80-120	0	20
Zinc	500.0	452.9	91	74-123	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

ch QC Report

Dissolved California Title 26 Metals

Lab #:	190608	Location:	9th Ave Terminal/POO(KOT)
Client:	Fugro West, Inc.	Prep:	METHOD
oject#:	133.023	Analysis:	EPA 7470A
alyte:	Mercury	Batch#:	119461
Field ID:	ZZZZZZZZZZ	Sampled:	11/14/06
S Lab ID:	190838-005	Received:	11/14/06
trix:	Water	Prepared:	11/14/06
Units:	ug/L	Analyzed:	11/15/06
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC364619	0.08600	5.000	5.330	105	74-125		
SD	QC364620		5.000	5.330	105	74-125	0	20

RPD= Relative Percent Difference

APPENDIX D
WASTE MANIFEST

FIELD DRUM INVENTORY

Sheet 1 of 1

Project Name:	Job Number:
9th Avenue Terminal - KOT	133.023
	Project Manager: Jeri Alexander
	Date Samples Taken: 10/31/06 → 11/6/06
Project Location:	Lab. Samples Taken to:
Oakland, California	C&T

Drum No.	Label	Waste		Origin of Contents
1	☐ Non-Hazardous ☐ Unclassified Date: 7/26/06 ≠ 11/1/06	☐ Soil ☒ Water ☐ Other VOCs purge H2O / decon H2O	☒ Full ☐ Partial ☐ Empty	Scmw-7 Scmw-33 Scmw-28 Scmw-38 Scmw-30 Scmw-35 Scmw-31D
2	☐ Non-Hazardous ☐ Unclassified Date: 10/31/06	☐ Soil Purge H2O, Decon H2O Scmw-13 ☒ Water MW-2, MW-3, MW-5 Scmw-9 ☐ Other Scmw-2, Scmw-3, Scmw-8	☒ Full ☐ Partial ☐ Empty	Scmw-28 ~~Scmw-11~~ ~~Scmw-15~~ Scmw-2
3	☐ Non-Hazardous ☐ Unclassified Date: 11/1/06	☐ Soil Scmw-11 ☒ Water Scmw-15 ☐ Other Scmw-26	☐ Full ☒ Partial ☐ Empty	
4	☐ Non-Hazardous ☐ Unclassified Date: 11/2/06	☐ Soil ☒ Water Hydrocarbons ☐ Other	☐ Full ☒ Partial ☐ Empty	MW-4 MW-6
	☐ Non-Hazardous ☐ Unclassified Date:	☐ Soil ☐ Water ☐ Other	☐ Full ☐ Partial ☐ Empty	
	☐ Non-Hazardous ☐ Unclassified Date:	☐ Soil ☐ Water ☐ Other	☐ Full ☐ Partial ☐ Empty	
	☐ Non-Hazardous ☐ Unclassified Date:	☐ Soil ☐ Water ☐ Other	☐ Full ☐ Partial ☐ Empty	

Location of Drums (Attach a Site Plan): see attached site plan

Comments:

Fugro West, Inc

A copy of this form should be retained in the project file.

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 | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number: 00023816 JJK

5. Generator's Name and Mailing Address | Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name | U.S. EPA ID Number

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

8. Designated Facility Name and Site Address | U.S. EPA ID Number

Facility's Phone:

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.							
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

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 | Signature | Month | Day | Year

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. | Port of entry/exit: | Date leaving U.S.:

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

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

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

DESIGNATED FACILITY | TRANSPORTER | GENERATOR

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

GENERATOR'S INITIAL COPY

U.S. EPA Form 8700-22

Read all instructions before completing this form.

1. This form has been designed for use on a 12-pitch (elite) typewriter which is also compatible with standard computer printers; a firm point pen may also be used—press down hard.
2. Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete this form (EPA Form 8700-22) and, if necessary, the continuation sheet (EPA Form 8700-22A) for both inter- and intrastate transportation of hazardous waste.

Public reporting burden for this collection of information is estimated to average: 20 minutes for generators, 10 minutes for transporters, and 25 minutes for owners or operators of treatment, storage, and disposal facilities. This includes time for reviewing instructions, gathering data, completing, reviewing and transmitting the form. Any correspondence regarding the EPA burden statement for the manifest must be sent to the Director of the Collection Strategies Division in EPA's Office of Information Collection at the following address: U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, DC 20460. Do not send the completed form to this address.

I. Instructions for Generators

Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve digit identification number, or the State generator identification number if the generator site does not have an EPA identification number.

Item 2. Page 1 of __

Enter the total number of pages used to complete this Manifest (i.e., the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any).

Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;
2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

Note: Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (e.g., consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

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

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a Continuation Sheet(s) (EPA Form 8700-22A).

Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve digit identification number of the facility.

Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

Item 9a. If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

Item 9b. Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

Note: If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the Continuation Sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those Items.

Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I—TYPES OF CONTAINERS

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars.
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and do not enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

TABLE II—UNITS OF MEASURE

G = Gallons (liquids only).	N = Cubic Meters.
K = Kilograms.	P = Pounds.
L = Liters (liquids only).	T = Tons (2000 Pounds).
M = Metric Tons (1000 kilograms).	Y = Cubic Yards.

Note: Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

Item 14. Special Handling Instructions and Additional Information

1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.
2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

Item 15. Generator's/Offeror's Certifications

1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "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." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/offeror certification, to indicate that the individual signs as the employee or agent of the named principal.

Note: All of the above information except the handwritten signature required in Item 15 may be pre-printed.