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LETTER OF TRANSMITTAL

To:	Mr. Mike Romero	**From:**	Brian Pletcher
Company:	Oregon DEQ-Northwest Region 2020 SW 4th Ave, Ste. 400 Portland, Oregon 97201	**Date:**	May 15, 2007
Re:	Semi Annual Groundwater Monitoring Report (4Q06 & 1Q07)	**Site:**	Willbridge Bulk Fuel Facilities

Copies of the above-referenced groundwater monitoring report will be forwarded to the parties noted below under cc.

Please feel free to call (503) 639-8098 with any questions or comments.

cc: Mr. Mike Noll, Noll Environmental, 11921 185th Avenue SE, Snohomish, WA 98290
Mr. Robert Truedinger, Kinder Morgan Energy Partners, 1140 Canal Blvd., Richmond, VA 94804
Ms. Olivia Skance, Chevron Environmental Management, 6001 Bollinger Canyon Rd, Ste. K2260, San Ramon, CA 94583
Mr. William Platt, Shell Oil Company, 910 Louisiana St, Houston, TX 77002
Mr. Grant Sprick, Arcadis BBL, 111 SW Columbia Street, Suite 725, Portland, OR 97201

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SEMI-ANNUAL GROUNDWATER MONITORING REPORT
(October 2006 through March 2007)

Willbridge Bulk Fuel Facilities

Portland, Oregon

Consent Order WMCSR-NWR-94-06
Delta Project ORZ0922GW-6

May 15, 2007

Prepared for:

Willbridge Terminal Group

DELTA

7150 SW Hampton, Suite 220, Tigard, Oregon 97223
503.639.8098 800.477.7411

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY 1

2.0 GROUNDWATER MONITORING AND SAMPLING 2

2.1 HYDROGEOLOGIC ANALYSIS 2
2.2 WILLAMETTE RIVER 3
2.3 GROUNDWATER ANALYTICAL RESULTS 3
2.4 SEPARATE PHASE HYDROCARBON OCCURRENCE 4

3.0 SEPARATE PHASE HYDROCARBON RECOVERY 7

4.0 ISSUES ENCOUNTERED DURING THE FOURTH QUARTER 2006 AND FIRST QUARTER 2007 9

5.0 ACTIVITIES SCHEDULED FOR THE SECOND AND THIRD QUARTER OF 2007 (APRIL 2007 THROUGH SEPTEMBER 2007) 10

6.0 REMARKS 11

TABLES

TABLE 1A – GROUNDWATER ELEVATION AND SPH RECOVERY DATA
CHEVRON PRODUCTS COMPANY

TABLE 1B – GROUNDWATER ELEVATION AND SPH RECOVERY DATA
KINDER MORGAN LIQUID TERMINALS, LLC

TABLE 1C – GROUNDWATER ELEVATION AND SPH RECOVERY DATA
CONOCOPHILLIPS COMPANY

TABLE 2 – GROUNDWATER ANALYTICAL RESULTS – BTEX & MTBE COMPOUNDS

TABLE 3 – GROUNDWATER ANALYTICAL RESULTS – PAH COMPOUNDS

TABLE 4 – GROUNDWATER ANALYTICAL RESULTS – TOTAL METALS

TABLE 5 - GROUNDWATER SCREENING LEVEL COMPARISONS

FIGURES

FIGURE 1 – SITE LOCATION MAP

FIGURE 2 – GROUNDWATER ELEVATION CONTOURS AND SPH THICKNESS MAP

FIGURE 3 – PRECIPITATION AND RIVER STAGE HYDROGRAPH

APPENDICES

APPENDIX A – GROUNDWATER MONITORING AND SAMPLING PRODCEDURES,
CERTIFIED ANALYTICAL LABORATORY REPORTS AND
CHAIN-OF-CUSTODY DOCUMENTATION

1.0 EXECUTIVE SUMMARY

Delta Environmental Consultants, Inc. (Delta) and ARCADIS-BBL, Inc. (ABBL) performed monthly separate-phase hydrocarbon recovery, quarterly well gauging (December 2006 and March 2007), and semi-annual (March 2007) groundwater sampling as part of the remedial investigation/feasibility study work at the Willbridge Bulk Fuel Facilities (Willbridge Facility). The Willbridge Facility is comprised of terminals owned by Chevron Products Company (Chevron), Kinder Morgan Liquid Terminals, LLC (KMLT), and ConocoPhillips Company (ConocoPhillips). This report fulfills the requirement of Section 7F of Oregon Department of Environmental Quality (DEQ) Consent Order WMCSR-NW-94-06.

2.0 GROUNDWATER MONITORING AND SAMPLING

Groundwater monitoring and sampling activities, along with separate-phase hydrocarbon (SPH) recovery were performed at the Willbridge Facility from October 2006 through March 2007. The Willbridge Facility is located in northwest Portland, Oregon on Northwest Front Avenue, along the Willamette River (see Figure 1).

Monitoring activities were performed on December 11, 2006 (fourth quarter 2006) and March 19 through March 22, 2007 (first quarter 2007) and consisted of measuring depth to groundwater and SPH thickness in all wells. Sampling activities performed at the Chevron, KMLT, and ConocoPhillips Terminals on March 20 through 22, 2007 consisted of measuring depth to groundwater and collecting groundwater samples from select wells. Groundwater samples were analyzed for dissolved petroleum hydrocarbon constituents and selected metals. During the first quarter 2007 sampling event, select wells near the Willamette River were also monitored in accordance with the DEQ approved Sampling and Analysis Plan Addendum dated September 22, 2006 prepared by Delta to complete the groundwater source control evaluation in the areas not addressed by the cutoff walls located at the Chevron and ConocoPhillips facilities. Monitoring and sampling activities are described in the following sections.

Based upon results of the previous quarterly monitoring activities, several wells were monitored for the presence of SPH on a monthly basis. SPH recovery was performed on a monthly basis for wells containing measurable amounts of SPH between October 2006 and March 2007.

2.1 Hydrogeologic Analysis

Depth-to-groundwater measurements were collected from each monitoring well in December 2006 and March 2007 (see Tables 1A through 1C). A map showing groundwater elevation contours and SPH thicknesses measured in wells in March 2007 is presented as Figure 2. Groundwater monitoring procedures are included in Appendix A.

During the fourth quarter 2006 and first quarter 2007, groundwater elevations across the facility ranged from approximately 10.70 feet to 33.46 feet above mean sea level. Groundwater flow direction is generally northeasterly, toward the Willamette River.

2.2 Willamette River

The Willamette River stage (daily mean, measured at the Morrison Bridge river gauge and converted to the City of Portland (COP) datum) during the fourth quarter 2006 and first quarter of 2007 ranged from a high of 14.36 feet (COP datum) on December 16, 2006 to a low of 4.51 feet (COP datum) on October 30, 2006. The average river stage elevation was approximately 8.56 feet (COP datum) between October 1, 2006 and March 31, 2007. Precipitation and river stage data are presented on Figure 3.

2.3 Groundwater Analytical Results

Groundwater samples were collected from selected Chevron, KMLT, and ConocoPhillips monitoring wells on March 20, 21, and 22, 2007, and analyzed in accordance with consent order WMCSR-NWR-94-06, the revised sampling agreement (May 11, 2001), and the 2006 Groundwater Monitoring Sampling and Analysis Plan Addendum (September 22, 2006). The list of analytes included benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tert-butyl ether (MTBE) using Environmental Protection Agency (EPA) Method 8260B, polynuclear aromatic hydrocarbons (PAHs) using EPA Method 8270M-SIM, and total RCRA metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc) using EPA Method 6000/7000 Series Methods. ConocoPhillips wells U-14 through U-21 were additionally analyzed for TPH using Northwest Methods NWTPH-Gx and NWTPH-Dx with silica gel cleanup. Selected ConocoPhillips wells B-40, P-1, and U-5, Chevron wells B-10 and CR-1 and Kinder Morgan wells MW-33, MW-34, MW-36, MW-37, and MW-40 were analyzed using lower level reporting limits, consistent with the EPA's 2004 National Recommended Water Quality Criteria (NRWQC) screening levels. The purpose of using lower level reporting limits is to provide usable comparison data for evaluating groundwater source control in the areas not addressed by the cutoff walls located at the Chevron and ConocoPhillips facilities. Groundwater sampling procedures are presented in Appendix A. Groundwater samples were not collected from wells containing observable sheens or measurable quantities of SPH.

Portland Harbor Joint Source Control Screening Level Comparisons of Select Wells

Groundwater analytical results collected from ConocoPhillips wells B-40, P-1, and U-5, Chevron wells B-10 and CR-1, and Kinder Morgan wells MW-33, MW-34, MW-36, MW-37, and MW-40 were compared to the screening level values (SLVs) presented in Table 3-1 of the *Portland Harbor Joint Source Control Strategy* guidance document, dated December 2005. Analytical results were compared to the EPA's 2004 NRWQC (organism only) SLVs for human health (fish consumption), and SLVs for ecological receptors (chronic). Results were also compared to the DEQ's 2004 AWQC (organism only) and SLVs for Human Health and ecological receptors (chronic).

BTEX, PAH, and total metals laboratory analytical results for the first quarter 2007 sampling event are presented in Tables 2 through 4. Portland Harbor Joint Source Control groundwater screening level comparisons of analytes detected in select wells are presented in Table 5. Laboratory analytical reports and chain-of-custody documentation are included in Appendix A.

Evaluation of the groundwater data collected from the selected wells from the past two sampling events identifies Chevron well B-10, Kinder Morgan well MW-37, and ConocoPhillips wells B-40 and U-5 as monitoring points which exceed PHJSCS PAH screening levels in groundwater, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. All source control evaluation monitoring wells exceeded one or more metals screening levels. None of the source control monitoring wells exceeded the BTEX and MTBE screening levels.

The March 2007 sampling event concludes the additional sampling of these selected wells conducted in response to the DEQ Revised Source Control Evaluation letter dated June 15, 2006 and subsequent sampling addendum dated September 22, 2006.

2.4 Separate Phase Hydrocarbon Occurrence

Based upon the results of the previous quarterly monitoring activities, appropriate wells were monitored for the presence of SPH on a monthly basis. SPH recovery was performed monthly on wells containing measurable amounts of SPH between October

2006 and March 2007. The detected SPH thicknesses measured during the December 2006 and March 2007 monitoring events are included in Table 1A to 1C. Observable sheens and SPH thicknesses measured during the March 2007 monitoring event are presented in Figure 2.

Chevron

During quarterly groundwater monitoring in December 2006, ABBL conducted monthly SPH monitoring. Six Chevron Wells (CR-6, CR-11, CR-15, CR-16, CR-21A, and GPW-3) contained measurable thicknesses of SPH, ranging from 0.02 foot in CR-6, CR-11, and CR-16 to 0.24 foot in Well CR-21A. Additionally, trace SPH was observed in Wells B-24, B-29, CR-7, CR-10, CR-19, and GPW-5. SPH thicknesses were consistent with historical measurements.

During quarterly groundwater monitoring in March 2007, six Chevron Wells (CR-6, CR-10, CR-15, CR-21A, CR-25, and GPW-2) contained measurable thicknesses of SPH, ranging from 0.02 foot in Well GPW-2 to 1.05 foot in Well CR-25. SPH thicknesses were consistent with historical measurements.

KMLT

During quarterly groundwater monitoring in December 2006, one KMLT Well (MW-7) contained a measurable SPH thickness of 0.18 foot. Additionally, sheen was observed in Well MW-31. SPH was observed in Well MW-24; however, a thickness could not be measured due to fouling of the oil/water interface probe by highly viscous SPH in the well.

During quarterly groundwater monitoring in March 2007, two KMLT Wells (MW-6 and MW-7) contained thicknesses of SPH measuring 0.03 foot and 0.16 foot, respectively. SPH was observed in Well MW-24; however, a thickness could not be measured due to fouling of the oil/water interface probe by highly viscous SPH. Additionally, sheen was observed in Wells MW-19, and MW-31.

ConocoPhillips

During quarterly groundwater monitoring in December 2006, five ConocoPhillips Wells (B-27, B-40, DW-2, U-4, and U-5A) contained thicknesses of SPH measuring 0.01 foot in Wells DW-2, U-4, and U-5A to 0.27 foot in Well B-40. Sheens were observed in Wells B-35 and RES-N. SPH was observed in B-4; however, a thickness could not be measured due to fouling of the oil/water interface probe by highly viscous SPH.

During quarterly groundwater monitoring in March 2007, two ConocoPhillips Wells (U-5A and U-13) contained thicknesses of SPH measuring 0.02 foot and 0.17 foot, respectively.

3.0 SEPARATE PHASE HYDROCARBON RECOVERY

Monthly manual recovery of SPH was initiated at the Willbridge Facility in February 1997. SPH recovery is performed in each well where measurable SPH is observed during the previous quarterly gauging event. Manual SPH recovery consists of bailing, pumping, or the use of a sorbent sock installed in the well.

Approximately 171 gallons of SPH have been removed to date by the above-referenced manual recovery methods. Recovered SPH volumes for this reporting period (October 2006 to March 2007) totaled approximately 9 gallons. The SPH recovery data is presented in Table 1.

In November and December 2001, a "U"-shaped cut-off wall encompassing the stormwater trench backfill was installed on the ConocoPhillips Terminal. The cut-off wall was designed to intercept SPH and groundwater migrating along the backfill of a 60-inch diameter storm sewer trench. The cut-off wall was constructed with 20-foot-long steel sheet-pile with sealed joints between the sheet-piles. A groundwater and SPH recovery system is used to extract groundwater and SPH from a series of wells located behind the cut-off wall.

In addition to the monthly SPH recovery events, SPH recovery has also been conducted near the outfall of the 60-inch storm sewer outfall. Since December of 2001, SPH recovery is performed using permanent recovery wells installed behind the cutoff wall. Approximately 4,265 gallons of SPH have been recovered to date from the backfill material around the storm sewer outfall. During the fourth quarter of 2006 and first quarter of 2007, the treatment system recovered approximately 55 gallons of SPH and 5 gallons of emulsified oil and water mixture. The recovered SPH reached capacity of approximately 60 gallons in the batch tank and was transported from the site to Oil-Re-Refining in Portland, Oregon for recycling.

Containment booms currently border the shoreline between the Chevron and ConocoPhillips docks, and from the south edge of the ConocoPhillips dock to the southern property line (beyond the current 60-inch storm sewer outfall). Additionally, secondary and tertiary containment booms are located inside of the first boom around the 60-inch storm sewer outfall.

A groundwater recovery system was installed in the 1988 trench at the mouth of the Holbrook slough and periodically operated since July 2004. The system included a total fluids double diaphragm pump with a float control system set to maintain a depressed water level in the recovery sump and trench. Since July 30, 2004, 2,515,105 gallons of water have been recovered and treated at the water treatment system at the Chevron terminal. The system was in operation during periods of low river levels. The system was decommissioned during the third quarter of 2006 and replaced by a sheet pile cut-off wall.

In 2004, during the replacement of a storm drain at the Chevron terminal, a CDF/bentonite wall and recovery sump were installed in the storm drain backfill. The recovery sump (Well CR-8A) and Well CR-8 (downgradient of the wall) have been monitored since installation. A comparison of water elevations indicates that the wall is effectively blocking the migration of water along the storm drain backfill material. To date, no SPH has been measured in the recovery sump.

A sheet pile cut-off wall at the former 27-inch storm sewer outfall was installed during the third quarter of 2006. This wall replaced the Holbrook Slough recovery sump and trench. The design consists of a near linear, 200-foot-length sheet-pile wall along the shoreline in the area between the Chevron and ConocoPhillips docks. Similar to the existing cutoff wall around the 60-inch storm sewer outfall, extraction wells were installed behind the wall to remove impacted groundwater and recovery SPH.

The former 27-inch storm sewer outfall cutoff wall treatment system began operation in January 2007. The existing treatment system for the 60-inch storm sewer cutoff wall is used to separate recovered SPH and treat impacted groundwater.

4.0 ISSUES ENCOUNTERED DURING THE FOURTH QUARTER 2006 AND FIRST QUARTER 2007

A storm sewer video investigation was conducted in the 48-inch storm sewer under Doane Avenue in early February 2007 to identify the source of petroleum sheen observed at the COP 60-Inch Storm Sewer Outfall #22 in late January 2007. Groundwater with a product sheen was observed to be infiltrating into the storm water laterals at the ConocoPhillips terminal, and into the 48-inch storm sewer pipe under Doane Avenue that connects to the 60-inch storm sewer. The sheen was identified as aged diesel (greater than 20 years old) and is not from an active release. Following identification of the potential sources, corrective actions were initiated. Corrective actions proposed are sealing storm sewer joints and lining in place storm sewer pipes at the 60-inch and 48-inch storm sewer lines. Delta prepared a letter report titled '*Doane Avenue Storm Sewer Video Survey Summary*, dated March 14, 2007, detailing the storm sewer investigation and corrective actions taken. In addition, Delta is conducting a groundwater assessment near the 48-inch storm sewer in the vicinity of COP manholes MH-12 and MH-3. ConocoPhillips wells U-18 through U-21 were installed in coordination with the storm sewer investigation to monitor groundwater conditions near MH-4 and the 48-inch storm sewer. The storm sewer investigation activities will be summarized in a separate report and submitted to the DEQ.

5.0 ACTIVITIES SCHEDULED FOR THE SECOND AND THIRD OF 2007 (APRIL 2007 THROUGH SEPTEMBER 2007)

The following tasks are planned for the second and third quarters of 2007:

- Measure depth to water and SPH in all Willbridge Facility wells during the second quarter (June) and third quarter (September) 2007 monitoring events.
- Sample selected Willbridge Facility wells during the June (second quarter) 2007 sampling event.
- Perform monthly SPH recovery from wells that have historically contained SPH.
- Continue operation of the 60-inch storm sewer outfall cutoff wall and the former 27-inch storm sewer outfall cutoff wall treatment system.
- Line in place storm sewer laterals at the ConocoPhillips terminal and repair COP manhole #12.
- Conduct a camera survey of the lateral from the Chevron terminal to the COP storm drain system.

6.0 REMARKS

The services described in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

This report was prepared by **DELTA ENVIRONMENTAL CONSULTANTS, INC.**

Delta Environmental Consultants, Inc.

Cale Fleming.
Staff Scientist

Brian Pletcher, R.G.
Senior Geologist

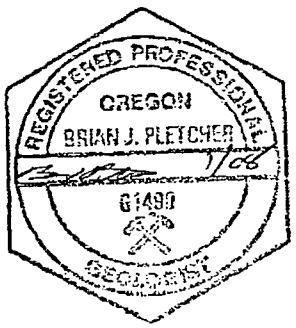

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-7	2/14/2000	18.33	NP	-	17.40	0.1
(35.73)	5/22/2000	18.60	NP	-	17.13	NA
	8/22/2000	19.31	19.30	0.01	16.43	0.1
	11/27/2000	19.47	sheen	-	16.26	NA
	2/20/2001	19.37	NP	-	16.36	NA
	5/15/2001	19.36	sheen	-	16.37	NA
	9/19/2001	19.74	NP	-	15.99	NA
	12/20/2001	18.30	NP	-	17.43	NA
	3/15/2002	18.28	NP	-	17.45	NA
	9/23/2002	18.79	18.78	0.01	16.95	NA
	12/19/2002	19.78	19.79	0.01	15.96	NA
	3/19/2003	18.58	18.57	0.01	17.16	NA
	6/24/2003	19.02	18.97	0.05	16.75	NA
	9/24/2003	19.72	19.71	0.01	16.02	NA
	12/26/2003	18.90	18.85	0.05	16.87	NA
	3/30/2004	18.70	18.66	0.04	17.06	NA
	6/24/2004	19.19	19.18	0.01	16.55	NA
	9/27/2004	19.85	NP	-	15.88	NA
	12/24/2004	19.27	NP	-	16.46	NA
	3/7/2005	19.45	NP	-	16.28	NA
	6/23/2005	19.12	NP	-	16.61	NA
	9/19/2005	19.79	NP	-	15.94	NA
	12/12/2005	19.00	NP	-	16.73	NA
	1/30/2006	17.19	NP	-	18.54	NA
	3/13/2006	18.05	NP	-	17.68	NA
	6/26/2006	18.66	NP	-	17.07	NA
	9/25/2006	16.98	NP	-	18.75	NA
	12/11/2006	16.34	NP	-	19.39	NA
	3/19/2007	**16.13**	**NP**	-	**19.60**	**NA**
B-9	2/14/2000	16.29	16.20	0.09	19.35	0.0
(35.57)	5/22/2000	16.90	NP	-	18.67	NA
	8/22/2000	17.48	NP	-	18.09	NA
	11/27/2000	17.29	NP	-	18.28	NA
	2/20/2001	17.41	NP	-	18.16	NA
	5/15/2001	17.04	NP	-	18.53	NA
	9/19/2001	17.84	NP	-	17.73	NA
	12/20/2001	15.92	NP	-	19.65	NA
	3/5/2002	15.92	NP	-	19.65	NA
	9/23/2002	17.75	NP	-	17.82	NA
	12/19/2002	17.28	NP	-	18.29	NA
	3/19/2003	16.18	NP	-	19.39	NA
	6/24/2003	16.63	NP	-	18.94	NA
	9/24/2003	17.82	NP	-	17.75	NA
	12/26/2003	Well covered by truck				
	3/30/2004	15.93	NP	-	19.64	NA
	6/24/2004	17.12	NP	-	18.45	NA
	9/27/2004	17.97	NP	-	17.60	NA
	12/24/2004	17.32	NP	-	18.25	NA
	3/7/2005	17.42	NP	-	18.15	NA
	6/22/2005	16.19	NP	-	19.38	NA
	9/19/2005	17.77	NP	-	17.80	NA
	12/12/2005	16.81	NP	-	18.76	NA
	1/30/2006	15.02	NP	-	20.55	NA
	3/13/2006	18.65	NP	-	16.92	NA
	6/26/2006	16.64	NP	-	18.93	NA
	9/25/2006	16.45	NP	-	19.12	NA
	12/11/2006	15.39	NP	-	20.18	NA
	3/19/2007	**15.45**	**NP**	-	**20.12**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-10	2/14/2000	15.10	NP	-	19.66	NA
(34.76)	5/22/2000	15.67	NP	-	19.09	NA
	8/22/2000	16.35	NP	-	18.41	NA
	11/27/2000	16.64	NP	-	18.12	NA
	2/20/2001	16.41	NP	-	18.35	NA
	5/15/2001	16.42	NP	-	18.34	NA
	9/19/2001	16.95	NP	-	17.81	NA
	12/20/2001	15.42	NP	-	19.34	NA
	3/15/2002	14.99	NP	-	19.77	NA
	9/23/2002	16.64	NP	-	18.12	NA
	12/19/2002	16.56	NP	-	18.20	NA
	3/19/2003	15.24	NP	-	19.52	NA
	6/24/2003	15.70	NP	-	19.06	NA
	9/24/2003	16.62	NP	-	18.14	NA
	12/26/2003	15.98	NP	-	18.78	NA
	6/24/2004	16.13	NP	-	18.63	NA
	9/27/2004	16.73	NP	-	18.03	NA
	12/14/2004	16.48	NP	-	18.28	NA
	3/7/2005	Well Inaccessible				
	9/19/2005	16.64	NP	-	18.12	NA
	12/12/2005	15.90	NP	-	18.86	NA
	1/30/2006	14.13	NP	-	20.63	NA
	3/13/2006	14.73	NP	-	20.03	NA
	6/26/2006	15.67	NP	-	19.09	NA
	9/25/2006	16.45	NP	-	18.31	NA
	12/11/2006	15.44	NP	-	19.32	NA
	3/19/2007	**14.92**	**NP**	**-**	**19.84**	**NA**
B-11	3/30/2004	15.29	NP		19.47	NA
(34.96)	5/22/2000	15.41	NP	-	19.55	NA
	8/22/2000	16.14	NP	-	18.82	NA
	11/27/2000	16.57	NP	-	18.39	0.1
	2/20/2001	16.30	sheen	-	18.66	NA
	5/15/2001	16.30	NP	-	18.66	NA
	9/19/2001	16.82	NP	-	18.14	NA
	12/20/2001	15.44	NP	-	19.52	NA
	3/15/2002	14.80	NP	-	20.16	NA
	9/23/2002	16.49	NP	-	18.47	NA
	12/19/2002	16.61	sheen	-	18.35	NA
	3/19/2003	15.11	NP	-	19.85	NA
	6/24/2003	15.52	NP	-	19.44	NA
	9/24/2003	16.48	NP	-	18.48	NA
	12/26/2003	15.85	NP	-	19.11	NA
	3/30/2004	15.09	NP	-	19.87	NA
	6/24/2004	15.98	NP	-	18.98	NA
	9/27/2004	16.67	NP	-	18.29	NA
	12/14/2004	16.34	NP	-	18.62	NA
	3/7/2005	16.14	NP	-	18.82	NA
	6/22/2005	15.80	NP	-	19.16	NA
	9/19/2005	16.48	NP	-	18.48	NA
	12/12/2005	15.79	NP	-	19.17	NA
	1/30/2006	13.94	NP	-	21.02	NA
	3/13/2006	14.53	NP	-	20.43	NA
	6/26/2006	15.49	NP	-	19.47	NA
	9/25/2006	16.36	Trace	-	18.60	NA
	12/11/2006	15.35	NP	-	19.61	NA
	3/19/2007	**14.74**	**NP**	**-**	**20.22**	**NA**

COPPOR00007601

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-12	2/14/2000	15.38	NP	-	19.76	NA
(35.14)	5/22/2000	15.85	NP	-	19.29	NA
	8/22/2000	16.55	NP	-	18.59	NA
	11/27/2000	16.98	NP	-	18.16	NA
	2/20/2001	16.73	NP	-	18.41	NA
	5/15/2001	16.72	NP	-	18.42	NA
	9/19/2001	17.20	NP	-	17.94	NA
	12/20/2001	15.94	NP	-	19.20	NA
	3/15/2002	15.32	NP	-	19.82	NA
	9/23/2002	16.89	NP	-	18.25	NA
	12/19/2002	17.01	NP	-	18.13	NA
	3/19/2003	15.56	NP	-	19.58	NA
	6/24/2003	Not Located				
	9/24/2003	Not Located				
	12/26/2003	Not Located				
	3/30/2004	Not Located				
	6/24/2004	16.40	NP	-	18.74	NA
	9/27/2004	17.00	NP	-	18.14	NA
	12/14/2004	16.75	NP	-	18.39	NA
	3/7/2005	16.52	NP	-	18.62	NA
	9/19/2005	16.87	NP	-	18.27	NA
	12/12/2005	16.20	NP	-	18.94	NA
	1/30/2006	14.49	NP	-	20.65	NA
	3/13/2006	15.02	NP	-	20.12	NA
	6/26/2006	15.95	NP	-	19.19	NA
	9/25/2006	16.78	NP	-	18.36	NA
	12/11/2006	15.84	NP	-	19.30	NA
	3/19/2007	**15.24**	**NP**	-	**19.90**	**NA**
B-13	2/14/2000	15.46	NP	-	19.30	NA
(34.76)	5/22/2000	15.86	NP	-	18.90	NA
	8/22/2000	16.46	NP	-	18.30	NA
	11/27/2000	19.91	NP	-	14.85	NA
	2/20/2001	16.65	NP	-	18.11	NA
	5/15/2001	16.65	NP	-	18.11	NA
	9/19/2001	17.09	NP	-	17.67	NA
	12/22/2001	15.94	NP	-	18.82	NA
	3/15/2002	15.37	NP	-	19.39	NA
	9/23/2002	16.82	NP	-	17.94	NA
	12/19/2002	16.95	NP	-	17.81	NA
	3/19/2003	15.62	NP	-	19.14	NA
	6/24/2003	15.96	NP	-	18.80	NA
	9/24/2003	16.82	NP	-	17.94	NA
	12/26/2003	16.29	NP	-	18.47	NA
	3/30/2004	15.58	NP	-	19.18	NA
	6/24/2004	16.34	NP	-	18.42	NA
	9/27/2004	16.90	NP	-	17.86	NA
	12/24/2004	16.71	NP	-	18.05	NA
	3/7/2005	16.49	NP	-	18.27	NA
	9/19/2005	16.79	NP	-	17.97	NA
	12/12/2005	16.16	NP	-	18.60	NA
	1/30/2006	14.54	NP	-	20.22	NA
	3/13/2006	15.04	NP	-	19.72	NA
	6/26/2006	15.95	NP	-	18.81	NA
	9/25/2006	16.78	NP	-	17.98	NA
	12/11/2006	15.82	NP	-	18.94	NA
	3/19/2007	**15.26**	**NP**	-	**19.50**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-14	2/14/2000	17.27	NP	-	19.32	NA
(36.59)	5/22/2000	17.69	NP	-	18.90	NA
	8/22/2000	18.31	NP	-	18.28	NA
	11/27/2000	18.72	NP	-	17.87	NA
	2/20/2001	18.50	NP	-	18.09	NA
	5/15/2001	18.49	NP	-	18.10	NA
	9/19/2001	18.87	NP	-	17.72	NA
	12/22/2001	17.74	NP	-	18.85	NA
	3/15/2002	17.21	NP	-	19.38	NA
	9/23/2002	18.64	NP	-	17.95	NA
	12/19/2002	18.79	NP	-	17.80	NA
	3/19/2003	17.47	NP	-	19.12	NA
	6/24/2003	17.78	NP	-	18.81	NA
	9/24/2003	18.64	NP	-	17.95	NA
	12/26/2003	18.10	NP	-	18.49	NA
	3/30/2004	17.39	NP	-	19.20	NA
	6/24/2004	18.17	NP	-	18.42	NA
	9/27/2004	18.73	NP	-	17.86	NA
	12/14/2004	18.54	NP	-	18.05	NA
	3/7/2005	18.30	NP	-	18.29	NA
	9/19/2005	18.63	NP	-	17.96	NA
	12/12/2005	17.99	NP	-	18.60	NA
	1/30/2006	16.43	NP	-	20.16	NA
	3/13/2006	16.86	NP	-	19.73	NA
	6/26/2006	17.72	NP	-	18.87	NA
	9/25/2006	18.45	NP	-	18.14	NA
	12/11/2006	17.62	NP	-	18.97	NA
	3/19/2007	**17.04**	**NP**	**-**	**19.55**	**NA**
B-15	2/14/2000	16.48	NP	-	19.07	NA
(35.55)	5/22/2000	16.88	NP	-	18.67	NA
	8/22/2000	17.53	NP	-	18.02	NA
	11/27/2000	17.89	NP	-	17.66	NA
	2/20/2001	17.38	NP	-	18.17	NA
	5/15/2001	17.66	NP	-	17.89	NA
	9/19/2001	18.12	NP	-	17.43	NA
	12/20/2001	16.92	NP	-	18.63	NA
	3/15/2002	16.36	NP	-	19.19	NA
	9/23/2002	17.84	NP	-	17.71	NA
	12/19/2002	18.01	NP	-	17.54	NA
	3/19/2003	16.66	NP	-	18.89	NA
	6/24/2003	16.98	NP	-	18.57	NA
	9/24/2003	17.84	NP	-	17.71	NA
	12/26/2003	17.27	NP	-	18.28	NA
	3/30/2004	16.58	NP	-	18.97	NA
	6/24/2004	17.37	NP	-	18.18	NA
	9/27/2004	17.94	NP	-	17.61	NA
	12/14/2004	17.73	NP	-	17.82	NA
	3/7/2005	17.51	NP	-	18.04	NA
	9/19/2005	17.84	NP	-	17.71	NA
	12/12/2005	17.20	NP	-	18.35	NA
	1/30/2006	15.61	NP	-	19.94	NA
	3/13/2006	16.07	NP	-	19.48	NA
	6/26/2006	16.91	NP		18.64	NA
	9/25/2006	17.52	NP	-	18.03	NA
	12/11/2006	16.65	NP	-	18.90	NA
	3/19/2007	**16.17**	**NP**	-	**19.38**	**NA**

COPPOR00007603

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-19	2/14/2000	15.99	NP	-	18.18	NA
(34.17)	5/22/2000	16.34	NP	-	17.83	NA
	8/22/2000	17.04	NP	-	17.13	NA
	11/27/2000	17.35	NP	-	16.82	NA
	2/20/2001	17.17	NP	-	17.00	NA
	5/15/2001	17.14	NP	-	17.03	NA
	9/19/2001	17.67	NP	-	16.50	NA
	12/20/2001	16.32	NP	-	17.85	NA
	3/15/2002	15.88	NP	-	18.29	NA
	9/23/2002	17.37	NP	-	16.80	NA
	12/19/2002	18.47	NP	-	15.70	NA
	3/19/2003	16.13	NP	-	18.04	NA
	6/24/2003	16.50	NP	-	17.67	NA
	9/24/2003	17.35	NP	-	16.82	NA
	12/26/2003	16.71	NP	-	17.46	NA
	3/30/2004	16.08	NP	-	18.09	NA
	6/24/2004	16.87	NP	-	17.30	NA
	9/27/2004	17.44	NP	-	16.73	NA
	12/14/2004	17.28	NP	-	16.89	NA
	3/7/2005	17.02	NP	-	17.15	NA
	6/22/2005	16.72	NP	-	17.45	NA
	9/19/2005	17.34	NP	-	16.83	NA
	12/12/2005	16.69	NP	-	17.48	NA
	1/30/2006	15.06	NP	-	19.11	NA
	3/13/2006	15.55	NP	-	18.62	NA
	6/26/2006	16.36	NP	-	17.81	NA
	9/25/2006	16.76	Trace	-	17.41	NA
	12/11/2006	15.94	NP	-	18.23	NA
	3/19/2007	**15.50**	**NP**	**-**	**18.67**	**NA**
B-20	2/14/2000	16.62	NP	-	16.70	NA
(33.32)	5/22/2000	16.93	NP	-	16.39	NA
	8/22/2000	17.78	NP	-	15.54	NA
	11/27/2000	17.99	sheen	-	15.33	NA
	2/20/2001	17.79	sheen	-	15.53	NA
	5/15/2001	17.89	NP	-	15.43	NA
	9/19/2001	18.40	NP	-	14.92	NA
	12/20/2001	16.61	NP	-	16.71	NA
	3/15/2002	16.45	NP	-	16.87	NA
	9/23/2002	18.27	NP	-	15.05	NA
	12/19/2002	18.22	NP	-	15.10	NA
	3/19/2003	15.96	NP	-	17.36	NA
	6/24/2003	17.06	NP	-	16.26	NA
	9/24/2003	18.30	NP	-	15.02	NA
	12/26/2003	17.31	NP	-	16.01	NA
	3/30/2004	16.47	NP	-	16.85	NA
	6/24/2004	17.32	NP	-	16.00	NA
	9/27/2004	18.29	NP	-	15.03	NA
	12/14/2004	17.77	NP	-	15.55	NA
	3/7/2005	17.82	NP	-	15.50	NA
	6/23/2005	17.41	NP	-	15.91	NA
	9/19/2005	18.20	NP	-	15.12	NA
	12/12/2005	17.34	NP	-	15.98	NA
	1/30/2006	15.70	NP	-	17.62	NA
	3/13/2006	16.09	NP	-	17.23	NA
	6/26/2006	16.96	NP	-	16.36	NA
	9/25/2006	16.38	NP	-	16.94	NA
	12/11/2006	16.02	NP	-	17.30	NA
	3/19/2007	**15.87**	**NP**	**-**	**17.45**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-21	2/14/2000	16.22	NP	-	18.57	NA
(34.79)	5/22/2000	16.57	NP	-	18.22	NA
	8/22/2000	17.15	NP	-	17.64	NA
	11/27/2000	17.45	NP	-	17.34	NA
	2/20/2001	19.29	NP	-	15.50	NA
	5/15/2001	17.27	NP	-	17.52	NA
	9/19/2001	17.66	NP	-	17.13	NA
	12/20/2001	16.48	NP	-	18.31	NA
	3/15/2002	16.18	NP	-	18.61	NA
	9/23/2002	17.45	NP	-	17.34	NA
	12/19/2002	17.56	NP	-	17.23	NA
	3/19/2003	16.35	NP	-	18.44	NA
	6/24/2003	16.70	NP	-	18.09	NA
	9/24/2003	17.42	NP	-	17.37	NA
	12/26/2003	16.91	NP	-	17.88	NA
	3/30/2004	16.36	NP	-	18.43	NA
	6/24/2004	17.02	NP	-	17.77	NA
	9/27/2004	17.49	NP	-	17.30	NA
	12/14/2004	17.41	NP	-	17.38	NA
	3/7/2005	17.04	NP	-	17.75	NA
	6/23/2005	16.87	NP	-	17.92	NA
	9/19/2005	17.45	NP	-	17.34	NA
	12/12/2005	16.84	NP	-	17.95	NA
	1/30/2006	15.30	NP	-	19.49	NA
	3/13/2006	15.93	NP	-	18.86	NA
	6/26/2006	16.62	NP		18.17	NA
	9/25/2006	16.98	NP	-	17.81	NA
	12/11/2006	16.23	NP	-	18.56	NA
	3/19/2007	**15.88**	**NP**	-	**18.91**	**NA**
B-24	2/14/2000	15.50	15.49	0.01	19.21	0.0
(34.70)	5/22/2000	15.83	NP	-	18.87	NA
	8/22/2000	16.38	NP	-	18.32	NA
	11/27/2000	16.81	NP	-	17.89	NA
	2/20/2001	16.59	NP	-	18.11	NA
	5/15/2001	16.56	NP	-	18.14	NA
	9/19/2001	16.94	NP	-	17.76	NA
	12/22/2001	16.23	16.07	0.16	18.60	0.0
	3/15/2002	15.54	Sheen	-	19.16	0.0
	9/23/2002	16.86	16.73	0.13	17.94	0.0
	12/19/2002	16.98	NP	-	17.72	NA
	3/19/2003	15.84	15.71	0.13	18.96	0.0
	6/24/2003	15.90	Sheen	-	18.80	0.0
	9/24/2003	16.75	16.71	0.04	17.98	0.0
	12/26/2003	16.32	16.29	0.03	18.40	0.0
	3/30/2004	15.51	NP	-	19.19	NA
	6/24/2004	16.58	16.21	0.37	18.42	NA
	9/27/2004	16.76	16.75	0.01	17.95	0.0
	12/14/2004	16.64	Sheen	-	18.06	0.0
	3/7/2005	16.44	16.43	0.01	18.27	0.004
	6/23/2005	NM	NM	NM	NM	NM
	9/19/2005	16.63	16.61	0.02	18.09	0.004
	12/12/2005	Inaccessible				
	3/13/2006	15.06	15.04	0.02	19.66	0.0
	6/26/2006	15.87	15.84	0.03	18.85	0.0
	9/25/2006	16.60	NP	-	18.10	0.0
	12/11/2006	15.64	Trace	-	18.86	0.0
	3/19/2007	**15.21**	**NP**	-	**19.49**	**0.0**

COPPOR00007605

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-26	2/14/2000	15.49	NP	-	19.81	NA
(35.30)	5/22/2000	15.96	NP	-	19.34	NA
	8/22/2000	16.72	NP	-	18.58	NA
	11/27/2000	17.11	NP	-	18.19	NA
	2/20/2001	16.86	NP	-	18.44	NA
	5/15/2001	16.86	NP	-	18.44	NA
	9/19/2001	17.37	NP	-	17.93	NA
	12/20/2001	15.93	NP	-	19.37	NA
	3/15/2002	15.41	NP	-	19.89	NA
	9/23/2002	17.06	NP	-	18.24	NA
	12/19/2002	17.10	NP	-	18.20	NA
	3/19/2003	15.69	NP	-	19.61	NA
	6/24/2003	16.13	NP	-	19.17	NA
	9/24/2003	17.06	NP	-	18.24	NA
	12/26/2003	16.39	NP	-	18.91	NA
	3/30/2004	16.68	NP	-	18.62	NA
	6/24/2004	16.54	NP	-	18.76	NA
	9/27/2004	17.18	NP	-	18.12	NA
	12/14/2004	16.96	NP	-	18.34	NA
	3/7/2005	16.69	NP	-	18.61	NA
	6/22/2005	16.35	NP	-	18.95	NA
	9/19/2005	17.08	NP	-	18.22	NA
	12/12/2005	16.33	NP	-	18.97	NA
	1/30/2006	14.46	NP	-	20.84	NA
	3/13/2006	15.15	NP	-	20.15	NA
	6/26/2006	16.09	NP	-	19.21	NA
	9/25/2006	16.92	Trace	-	18.38	NA
	12/11/2006	15.83	NP	-	19.47	NA
	3/19/2007	15.32	NP	-	19.98	NA
B-28	2/14/2000	15.45	NP	-	19.81	NA
(35.26)	5/22/2000	14.34	NP	-	20.92	NA
	8/22/2000	16.11	NP	-	19.15	NA
	11/27/2000	16.36	NP	-	18.90	NA
	2/20/2001	16.14	NP	-	19.12	NA
	5/15/2001	16.07	NP	-	19.19	NA
	9/19/2001	16.25	NP	-	19.01	NA
	12/22/2001	15.97	NP	-	19.29	NA
	3/15/2002	15.36	NP	-	19.90	NA
	9/23/2002	16.36	NP	-	18.90	NA
	12/19/2002	16.35	NP	-	18.91	NA
	3/19/2003	15.69	NP	-	19.57	NA
	6/24/2003	15.93	NP	-	19.33	NA
	9/24/2003	16.31	NP	-	18.95	NA
	12/26/2003	16.39	NP	-	18.87	NA
	3/30/2004	15.56	NP	-	19.70	NA
	6/24/2004	16.13	NP	-	19.13	NA
	9/27/2004	16.21	NP	-	19.05	NA
	12/14/2004	16.07	NP	-	19.19	NA
	3/7/2005	16.06	NP	-	19.20	NA
	9/19/2005	16.18	NP	-	19.08	NA
	12/12/2005	15.96	NP	-	19.30	NA
	3/13/2006	14.71	NP	-	20.55	NA
	6/26/2006	14.60	NP	-	20.66	NA
	9/25/2006	16.06	Trace	-	19.20	NA
	12/11/2006	-	-	-	-	-
	3/19/2007	-	-	-	-	-

COPPOR00007606

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-29	2/14/2000	15.12	NP	-	22.58	NA
(37.70)	5/22/2000	15.43	NP	-	22.27	NA
	8/22/2000	16.24	NP	-	21.46	NA
	11/27/2000	16.63	NP	-	21.07	NA
	2/20/2001	16.27	NP	-	21.43	NA
	5/15/2001	16.22	NP	-	21.48	NA
	9/19/2001	16.80	NP	-	20.90	NA
	12/22/2001	15.68	NP	-	22.02	NA
	3/15/2002	14.98	NP	-	22.72	NA
	9/23/2002	16.73	NP	-	20.97	NA
	12/19/2002	16.82	NP	-	20.88	NA
	3/19/2003	15.28	NP	-	22.42	NA
	6/24/2003	15.60	NP	-	22.10	NA
	9/24/2003	16.59	NP	-	21.11	NA
	12/26/2003	15.11	NP	-	22.59	NA
	3/30/2004	15.24	NP	-	22.46	NA
	6/24/2004	16.28	NP	-	21.42	NA
	9/27/2004	16.92	NP	-	20.78	NA
	12/14/2004	16.58	NP	-	21.12	NA
	3/7/2005	16.33	NP	-	21.37	NA
	9/19/2005	16.84	NP	-	20.86	NA
	12/12/2005	16.45	NP	-	21.25	NA
	3/13/2006	15.00	NP	-	22.70	NA
	6/26/2006	15.77	NP	-	21.93	NA
	9/25/2006	16.54	NP	-	21.16	NA
	12/11/2006	15.74	Trace	-	21.96	NA
	3/19/2007	**14.95**	**NP**	**-**	**22.75**	**NA**
B-30	2/14/2000	14.76	NP	-	20.63	NA
(35.39)	5/22/2000	15.85	NP	-	19.54	NA
	8/22/2000	16.08	NP	-	19.31	NA
	11/27/2000	16.37	NP	-	19.02	NA
	2/20/2001	15.92	NP	-	19.47	NA
	5/15/2001	15.95	NP	-	19.44	NA
	9/19/2001	16.52	NP	-	18.87	NA
	12/22/2001	14.96	NP	-	20.43	NA
	3/15/2002	14.96	NP	-	20.43	NA
	9/23/2002	16.19	NP	-	19.20	NA
	12/19/2002	16.31	NP	-	19.08	NA
	3/19/2003	14.67	NP	-	20.72	NA
	6/24/2003	15.05	NP	-	20.34	NA
	9/24/2003	16.13	NP	-	19.26	NA
	12/26/2003	15.56	NP	-	19.83	NA
	3/30/2004	14.70	NP	-	20.69	NA
	6/24/2004	15.60	NP	-	19.79	NA
	9/27/2004	16.31	NP	-	19.08	NA
	12/14/2004	16.14	16.11	0.03	18.58	0.005
	3/7/2005	15.77	Sheen	Sheen	19.62	NA
	6/22/2005	15.39	NP	-	20.00	NA
	9/19/2005	16.20	NP	-	19.19	NA
	12/12/2005	15.43	15.43	Sheen	19.96	0.0
	3/13/2006	14.12	14.12	Sheen	21.27	0.0
	6/26/2006	15.08	NP	-	20.31	0.0
	9/25/2006	16.07	NP	-	19.32	0.0
	12/11/2006	14.96	NP	-	20.43	0.0
	3/19/2007	**14.30**	**NP**	**-**	**21.09**	**0.0**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-32	2/14/2000	16.37	NP	-	17.86	NA
(34.23)	5/22/2000	26.84	NP	-	7.39	NA
	8/22/2000	17.65	NP	-	16.58	NA
	11/27/2000	17.93	NP	-	16.30	NA
	2/20/2001	17.71	NP	-	16.52	NA
	5/15/2001	17.74	NP	-	16.49	NA
	9/19/2001	18.17	NP	-	16.06	NA
	12/20/2001	16.74	NP	-	17.49	NA
	3/15/2002	16.55	NP	-	17.68	NA
	9/23/2002	18.32	18.32	Sheen	15.91	NA
	12/19/2002	18.15	NP	-	16.08	NA
	3/19/2003	16.83	NP	-	17.40	NA
	6/24/2003	17.09	NP	-	17.14	NA
	9/24/2003	17.99	NP	-	16.24	NA
	12/26/2003	17.20	NP	-	17.03	NA
	3/30/2004	16.78	NP	-	17.45	NA
	6/24/2004	17.41	NP	-	16.82	NA
	9/27/2004	18.01	NP	-	16.22	NA
	12/14/2004	17.89	NP	-	16.34	NA
	3/7/2005	17.65	NP	-	16.58	NA
	6/23/2005	17.39	NP	-	16.84	NA
	9/19/2005	18.00	NP	-	16.23	NA
	12/12/2005	17.13	NP	-	17.10	NA
	1/30/2006	15.81	NP	-	18.42	NA
	3/13/2006	15.98	NP	-	18.25	NA
	6/26/2006	15.81	NP	-	18.42	NA
	9/25/2006	16.71	NP	-	17.52	NA
	12/11/2006	15.66	NP	-	18.57	NA
	3/19/2007	**15.82**	**NP**	**-**	**18.41**	**NA**
B-33	2/14/2000	15.54	15.49	0.05	20.40	0.0
(35.90)	5/22/2000	16.41	NP	-	19.49	NA
	8/22/2000	17.15	NP	-	18.75	NA
	11/27/2000	17.39	NP	-	18.51	NA
	2/20/2001	17.25	NP	-	18.65	NA
	5/15/2001	17.24	NP	-	18.66	NA
	9/19/2001	17.72	NP	-	18.18	NA
	12/20/2001	16.29	NP	-	19.61	NA
	3/15/2002	15.93	NP	-	19.97	NA
	9/23/2002	17.51	NP	-	18.39	NA
	12/19/2002	17.52	NP	-	18.38	NA
	3/19/2003	16.21	NP	-	19.69	NA
	6/24/2003	16.57	NP	-	19.33	NA
	9/24/2003	17.45	NP	-	18.45	NA
	12/26/2003	16.74	NP	-	19.16	NA
	3/30/2004	16.24	NP	-	19.66	NA
	6/24/2004	16.87	NP	-	19.03	NA
	9/27/2004	17.56	NP	-	18.34	NA
	12/14/2004	17.22	NP	-	18.68	NA
	3/7/2005	17.10	NP	-	18.80	NA
	6/22/2005	16.88	NP	-	19.02	NA
	9/19/2005	17.40	NP	-	18.50	NA
	12/12/2005	16.70	NP	-	19.20	NA
	1/30/2006	15.01	NP	-	20.89	NA
	3/13/2006	15.80	NP	-	20.10	NA
	6/26/2006	16.44	NP	-	19.46	NA
	12/11/2006	15.76	NP	-	20.14	NA
	3/19/2007	**15.34**	**NP**	**-**	**20.56**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-1	2/14/2000	2.38	NP	-	19.70	NA
(22.08)	5/22/2000	3.26	NP	-	18.82	NA
	8/22/2000	4.32	NP	-	17.76	NA
	11/27/2000	4.38	NP	-	17.70	NA
	2/20/2001	6.50	NP	-	15.58	NA
	5/15/2001	4.25	NP	-	17.83	NA
	9/19/2001	4.79	NP	-	17.29	NA
	12/22/2001	3.05	NP	-	19.03	NA
	3/15/2002	2.77	NP	-	19.31	NA
	9/23/2002	4.34	NP	-	17.74	NA
	12/19/2002	3.84	NP	-	18.24	NA
	3/19/2003	2.85	NP	-	19.23	NA
	6/24/2003	3.38	NP	-	18.70	NA
	9/24/2003	4.33	NP	-	17.75	NA
	12/26/2003	3.32	NP	-	18.76	NA
	3/30/2004	3.14	NP	-	18.94	NA
	6/24/2004	3.68	NP	-	18.40	NA
	9/27/2004	4.39	NP	-	17.69	NA
	12/14/2004	3.74	NP	-	18.34	NA
	3/7/2005	3.93	NP	-	18.15	NA
	6/23/2005	3.75	NP	-	18.33	NA
	9/19/2005	4.44	NP	-	17.64	NA
	12/12/2005	3.45	NP	-	18.63	NA
	1/30/2006	1.50	NP	-	20.58	NA
	3/13/2006	2.32	NP	-	19.76	NA
	6/26/2006	3.28	NP	-	18.80	NA
	9/25/2006	4.25	NP	-	17.83	NA
	12/11/2006	-	-	-	-	-
	3/19/2007	**2.71**	**NP**	**-**	**19.37**	**NA**
CR-3	2/14/2000	12.29	12.28	0.01	22.04	0.0
(34.32)	5/22/2000	16.57	NP	-	17.75	NA
	8/22/2000	15.34	NP	-	18.98	NA
	11/27/2000	13.86	NP	-	20.46	NA
	2/20/2001	15.46	NP	-	18.86	NA
	5/15/2001	15.37	NP	-	18.95	NA
	9/19/2001	16.03	NP	-	18.29	NA
	12/22/2001	14.50	NP	-	19.82	NA
	3/15/2002	13.93	NP	-	20.39	NA
	9/23/2002	15.70	NP	-	18.62	NA
	12/19/2002	15.40	NP	-	18.92	NA
	3/19/2003	14.27	NP	-	20.05	NA
	6/24/2003	14.70	NP	-	19.62	NA
	9/24/2003	15.67	NP	-	18.65	NA
	12/26/2003	14.71	NP	-	19.61	NA
	3/30/2004	14.28	NP	-	20.04	NA
	6/24/2004	15.17	NP	-	19.15	NA
	9/27/2004	15.85	NP	-	18.47	NA
	12/14/2004	14.97	NP	-	19.35	NA
	3/7/2005	15.32	NP	-	19.00	NA
	6/22/2005	15.01	NP	-	19.31	NA
	9/19/2005	15.70	NP	-	18.62	NA
	12/12/2005	14.97	NP	-	19.35	NA
	1/30/2006	10.34	NP	-	23.98	NA
	3/13/2006	13.73	NP	-	20.59	NA
	6/26/2006	14.68	NP	-	19.64	NA
	9/25/2006	15.58	NP	-	18.74	NA
	12/11/2006	14.53	NP	-	19.79	NA
	3/19/2007	**13.93**	**NP**	**-**	**20.39**	**NA**

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TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-4	2/14/2000	5.08	NP	-	32.06	NA
(37.14)	5/22/2000	5.63	NP	-	31.51	NA
	8/22/2000	7.25	NP	-	29.89	NA
	11/27/2000	8.31	NP	-	28.83	NA
	2/20/2001	6.98	NP	-	30.16	NA
	5/15/2001	6.34	NP	-	30.80	NA
	9/19/2001	8.55	NP	-	28.59	NA
	12/20/2001	5.38	NP	-	31.76	NA
	3/15/2002	4.88	NP	-	32.26	NA
	6/4/2002	6.17	NP	-	30.97	NA
	9/23/2002	7.69	NP	-	29.45	NA
	12/19/2002	7.92	NP	-	29.22	NA
	3/19/2003	4.97	NP	-	32.17	NA
	6/24/2003	5.98	NP	-	31.16	NA
	9/24/2003	7.77	NP	-	29.37	NA
	12/26/2003	4.73	NP	-	32.41	NA
	3/30/2004	4.58	NP	-	32.56	NA
	6/24/2004	6.68	NP	-	30.46	NA
	9/27/2004	7.32	NP	-	29.82	NA
	12/14/2004	6.41	NP	-	30.73	NA
	3/7/2005	6.82	NP	-	30.32	NA
	6/22/2005	6.43	NP	-	30.71	NA
	9/19/2005	7.35	NP	-	29.79	NA
	12/12/2005	2.65	NP	-	34.49	NA
	3/13/2006	NM	NM	NM	NM	NA
	6/26/2006	6.20	NM	NM	NM	NA
	9/25/2006	8.63	NP	-	28.51	NA
	12/11/2006	-	-	-	-	NA
	3/19/2007	**5.25**	NP	-	31.89	NA
CR-6	2/14/2000	11.75	NP	-	23.86	NA
(35.61)	5/22/2000	12.20	NP	-	23.41	NA
	8/22/2000	13.11	NP	-	22.50	NA
	11/27/2000	NM	NM	-	-	NA
	2/20/2001	13.12	13.11	0.01	22.50	0.0 **
	5/15/2001	12.90	NP	-	22.71	NA **
	9/19/2001	13.95	13.91	0.04	21.69	0.0 **
	12/20/2001	13.02	NP	-	22.59	NA
	3/15/2002	11.54	NP	-	24.07	NA
	6/4/2002	12.70	12.69	0.01	22.92	NA
	9/23/2002	14.56	NP	-	21.05	NA
	12/19/2002	13.26	13.23	0.03	22.37	0.04
	3/19/2003	12.01	11.99	0.02	23.62	0.0
	6/24/2003	12.75	12.73	0.02	22.88	0.0
	9/24/2003	13.43	13.40	0.03	22.20	0.0
	12/26/2003	12.73	12.69	0.04	22.91	0.0
	3/30/2004	12.18	sheen	-	23.43	0.0
	6/24/2004	13.21	13.17	0.04	22.43	0.007
	9/27/2004	13.24	13.19	0.05	22.41	0.009
	12/14/2004	13.01	12.97	0.04	22.63	0.007
	3/7/2005	13.07	13.04	0.03	22.56	0.005
	6/21/2005	13.16	13.13	0.03	22.47	0.005
	9/19/2005	13.63	13.60	0.03	22.00	0.005
	12/12/2005	12.47	12.47	Sheen	23.14	0.0
	3/13/2006	11.61	NP	-	24.00	NA
	6/26/2006	12.48	12.48	Sheen	23.13	NA
	9/25/2006	13.68	Trace	-	21.93	NA
	12/11/2006	12.39	12.37	0.02	23.24	NA
	3/19/2007	**11.67**	**11.61**	**0.06**	**23.99**	**NA**

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TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-7	2/14/2000	9.46	9.45	0.01	26.12	0.0
(35.57)	5/22/2000	10.09	NP	-	25.48	NA
	8/22/2000	16.34	NP	-	19.23	NA
	11/27/2000	NM	NM	-	NM	-
	2/20/2001	11.30	sheen	-	24.27	0.0
	5/15/2001	11.21	NP	-	24.36	NA
	9/19/2001	12.46	NP	-	23.11	NA
	12/20/2001	9.92	NP	-	25.65	NA
	3/15/2002	9.60	NP	-	25.97	NA
	6/4/2002	11.01	11.00	0.01	24.57	NA
	9/23/2002	12.23	NP	-	23.34	NA
	12/19/2002	11.45	NP	-	24.12	NA
	3/19/2003	10.53	NP	-	25.04	NA
	6/24/2003	11.23	NP	-	24.34	NA
	9/24/2003	12.60	12.58	0.02	22.99	NA
	12/26/2003	10.90	NP	-	24.67	NA
	3/30/2004	10.77	NP	-	24.80	NA
	6/24/2004	11.78	11.75	0.03	23.81	NA
	9/27/2004	11.58	NP	-	23.99	NA
	12/14/2004	11.14	NP	-	24.43	NA
	3/7/2005	11.57	11.56	0.01	24.01	0.002
	6/21/2005	11.27	11.25	0.02	24.32	0.003
	9/19/2005	12.39	12.38	0.01	23.19	0.002
	12/12/2005	10.90	10.90	Sheen	24.67	0.0
	3/13/2006	9.94	NP	-	25.63	NA
	6/26/2006	11.14	11.14	Sheen	24.43	NA
	9/25/2006	12.42	12.40	0.02	23.17	NA
	12/11/2006	10.74	Trace	-	24.83	NA
	3/19/2007	-	-	-	-	-
CR-8	2/14/2000	5.70	NP	-	27.44	NA
(33.14)	5/22/2000	6.23	NP	-	26.91	NA
	8/22/2000	7.44	NP	-	25.70	NA
	11/27/2000	7.61	NP	-	25.53	NA
	2/20/2001	7.03	NP	-	26.11	NA
	5/15/2001	6.98	NP	-	26.16	NA
	9/19/2001	8.29	NP	-	24.85	NA
	12/20/2001	6.18	NP	-	26.96	NA
	3/15/2002	5.77	NP	-	27.37	NA
	6/4/2002	6.82	NP	-	26.32	NA
	9/23/2002	8.04	NP	-	25.10	NA
	12/19/2002	7.36	NP	-	25.78	NA
	3/19/2003	6.12	NP	-	27.02	NA
	6/24/2003	6.84	NP	-	26.30	NA
	9/24/2003	8.24	NP	-	24.90	NA
	12/26/2003	6.99	NP	-	26.15	NA
	3/30/2004	6.31	NP	-	26.83	NA
	6/24/2004	7.19	NP	-	25.95	NA
	9/27/2004	7.42	NP	-	25.72	NA
	12/14/2004	6.80	NP	-	26.34	NA
	3/7/2005	6.86	NP	-	26.28	NA
	6/22/2005	6.71	NP	-	26.43	NA
	9/19/2005	8.03	NP	-	25.11	NA
	12/12/2005	6.96	NP	-	26.18	NA
	3/13/2006	5.33	NP	-	27.81	NA
	6/26/2006	6.78	NP	-	26.36	NA
	9/25/2006	8.06	NP	-	25.08	NA
	12/11/2006	6.25	NP	-	26.89	NA
	3/19/2007	**5.90**	**NP**	-	**27.24**	**NA**
CR-8A	6/26/2006	6.52	NP	-	-	NA
(Sump)	9/25/2006	7.12	NP	-	-	NA
	12/11/2006	4.53	NP	-	-	NA
	3/19/2007	**4.62**	**NP**	-	-	NA

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-9	2/14/2000	3.02	NP	-	32.70	NA
(35.72)	5/22/2000	3.78	NP	-	31.94	NA
	8/22/2000	6.51	NP	-	29.21	NA
	11/27/2000	5.20	NP	-	30.52	NA
	2/20/2001	4.71	NP	-	31.01	NA
	5/15/2001	4.95	NP	-	30.77	NA
	9/19/2001	7.26	NP	-	28.46	NA
	12/20/2001	3.47	NP	-	32.25	NA
	3/15/2002	3.25	NP	-	32.47	NA
	9/23/2002	7.11	NP	-	28.61	NA
	12/19/2002	4.35	NP	-	31.37	NA
	3/19/2003	3.46	NP	-	32.26	NA
	6/24/2003	5.95	NP	-	29.77	NA
	9/24/2003	6.82	NP	-	28.90	NA
	12/26/2003	3.53	NP	-	32.19	NA
	3/30/2004	3.69	NP	-	32.03	NA
	6/24/2004	6.06	NP	-	29.66	NA
	9/27/2004	6.32	NP	-	29.40	NA
	2/14/2004	3.81	NP	-	31.91	NA
	3/7/2005	4.66	NP	-	31.06	NA
	6/22/2005	6.71	NP	-	29.01	NA
	9/19/2005	6.94	NP	-	28.78	NA
	12/12/2005	4.01	NP	-	31.71	NA
	3/13/2006	3.12	NP	-	32.60	NA
	6/26/2006	5.33	NP	-	30.39	NA
	9/25/2006	7.00	NP	-	28.72	NA
	12/11/2006	4.13	NP	-	31.59	NA
	3/19/2007	**3.40**	**NP**	**-**	**32.32**	**NA**
CR-10	2/14/2000	4.12	4.08	0.04	31.48	0.0
(35.57)	5/22/2000	4.95	NP	-	30.62	NA
	8/22/2000	7.00	6.74	0.26	28.78	0.9
	11/27/2000	NM	NM	-	-	1.1
	2/20/2001	6.27	6.03	0.24	29.49	0.5
	5/15/2001		Covered With a Gravel Pile			0.5
	9/19/2001	10.68	7.92	2.76	27.10	NR ***
	12/22/2001	4.18	4.12	0.06	31.44	NR ***
	3/15/2002	4.03	3.95	0.08	31.60	0.1
	6/4/2002	5.72	5.55	0.17	29.99	0.1
	9/23/2002	9.13	7.04	2.09	28.11	3.0
	12/19/2002	7.44	6.35	1.09	29.00	0.53
	3/19/2003	4.25	4.21	0.04	31.35	0.26
	6/24/2003	5.69	5.58	0.11	29.97	0.05
	9/24/2003	8.15	7.41	0.74	28.01	0.53
	12/26/2003	6.45	4.75	1.70	30.48	6.0
	3/30/2004	5.23	NP	-	30.34	Skimmer
	6/24/2004	6.81	6.79	0.02	28.78	Skimmer
	9/27/2004	6.78	NP	-	28.79	Skimmer
	12/14/2004	6.33	6.30	0.03	29.26	Skimmer
	3/7/2005	6.63	6.62	0.01	28.95	Skimmer
	6/21/2005	5.50	5.46	0.04	30.10	0.02
	9/19/2005	8.33	7.94	0.39	27.55	0.28
	12/12/2005	5.61	5.60	Sheen	29.96	0.02
	3/13/2006	4.78	4.78	Sheen	30.79	0.04
	6/26/2006	6.90	6.90	Sheen	28.67	0.02
	9/25/2006	8.59	7.74	0.85	27.66	0.44
	12/11/2006	4.93	Trace	-	30.64	0.80
	3/19/2007	**4.60**	**4.55**	**0.05**	**31.01**	**0.00**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-11	2/14/2000	2.06	NP	-	32.37	NA
(34.43)	5/22/2000	2.04	NP	-	32.39	NA
	8/22/2000	4.13	NP	-	30.30	NA
	11/27/2000	4.47	sheen	-	29.96	0.1
	2/20/2001	3.27	NP	-	31.16	NA
	5/15/2001	3.02	NP	-	31.41	NA
	9/19/2001	5.26	NP	-	29.17	NA
	12/20/2001	2.34	NP	-	32.09	NA
	3/15/2002	2.02	NP	-	32.41	NA
	9/23/2002	5.12	NP	-	29.31	NA
	12/19/2002	3.86	3.84	0.02	30.59	NA
	3/19/2003	2.06	NP	-	32.37	NA
	6/24/2003	3.25	NP	-	31.18	NA
	9/24/2003	4.80	NP	-	29.63	NA
	12/26/2003	well obstructed				
	3/30/2004	2.53	NP	-	31.90	NA
	6/24/2004	3.85	3.84	0.01	30.59	NA
	9/27/2004	4.60	4.59	0.01	29.84	NA
	12/14/2004	3.24	3.22	0.02	31.21	NA
	3/7/2005	3.27	NP	-	31.16	NA
	6/20/2005	3.20	NP	-	31.23	NA
	9/19/2005	4.47	4.47	0.00	29.96	0.0
	12/12/2005	3.20	3.20	Sheen	31.23	0.0
	3/13/2006	1.98	NP	Sheen	32.45	NA
	6/26/2006	2.05	NP	-	32.38	NA
	9/25/2006	2.56	NP	-	31.87	NA
	12/11/2006	2.58	2.56	0.02	31.87	NA
	3/19/2007	**2.34**	**NP**	**-**	**32.09**	**NA**

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TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-12	6/9/1999	4.85	NP	-	30.74	NA
(35.59)	7/8/1999	5.08	NP	-	30.51	NA
	8/16/1999	5.63	NP	-	29.96	NA
	9/20/1999	8.90	NP	-	26.69	NA
	2/9/2000	2.66	NP	-	32.93	NA
	5/9/2000	4.44	NP	-	31.15	NA
	5/15/2000	4.12	NP	-	31.47	NA
	7/11/2000	5.21	NP	-	30.38	NA
	8/14/2000	5.76	NP	-	29.83	NA
	12/12/2000	5.61	NP	-	29.98	NA
	4/3/2001	5.49	NP	-	30.10	NA
	6/8/2001	Covered With a Gravel Pile				
	7/16/2001	Covered With a Gravel Pile				
	8/1/2001	6.14	NP	-	29.45	NA
	9/19/2001	Covered With a Gravel Pile				
	12/22/2001	3.82	NP	-	31.77	NA
	3/15/2002	3.89	NP	-	31.70	NA
	6/4/2002	5.13	NP	-	30.46	NA
	9/23/2002	6.69	NP	-	28.90	NA
	12/19/2002	5.53	NP	-	30.06	NA
	3/19/2003	3.99	NP	-	31.60	NA
	6/24/2003	5.15	NP	-	30.44	NA
	9/24/2003	6.67	NP	-	28.92	NA
	12/26/2003	4.48	NP	-	31.11	NA
	3/30/2004	4.76	NP	-	30.83	NA
	6/24/2004	5.94	NP	-	29.65	NA
	9/27/2004	6.28	NP	-	29.31	NA
	12/14/2004	5.27	NP	-	30.32	NA
	3/7/2005	5.84	NP	-	29.75	NA
	6/21/2005	5.39	NP	-	30.20	NA
	9/19/2005	6.55	NP	-	29.04	NA
	12/12/2005	5.14	NP	-	30.45	NA
	3/13/2006	4.55	NP	-	31.04	NA
	6/26/2006	5.31	NP	-	30.28	NA
	9/25/2006	6.69	NP	-	28.90	NA
	12/11/2006	4.91	NP	-	30.68	NA
	3/19/2007	**4.45**	**NP**	-	**31.14**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-13	6/9/1999	5.08	NP	-	30.38	NA
(35.46)	7/8/1999	5.27	NP	-	30.19	NA
	8/16/1999	5.77	NP	-	29.69	NA
	9/20/1999	9.05	NP	-	26.41	NA
	2/9/2000	3.86	NP	-	31.60	NA
	5/9/2000	4.63	NP	-	30.83	NA
	5/15/2000	4.37	NP	-	31.09	NA
	7/11/2000	5.28	NP	-	30.18	NA
	8/14/2000	5.81	NP	-	29.65	NA
	12/12/2000	5.64	NP	-	29.82	NA
	4/3/2001	5.80	NP	-	29.66	NA
	6/8/2001	5.75	NP	-	29.71	NA
	7/16/2001	6.29	NP	-	29.17	NA
	8/1/2001	6.52	NP	-	28.94	NA
	9/19/2001	Covered With a Gravel Pile				
	12/22/2001	4.34	NP	-	31.12	NA
	3/15/2002	4.38	NP	-	31.08	NA
	6/4/2002	5.66	NP	-	29.80	NA
	9/23/2002	6.83	NP	-	28.63	NA
	12/19/2002	6.09	NP	-	29.37	NA
	3/19/2003	4.71	NP	-	30.75	NA
	6/24/2003	5.66	NP	-	29.80	NA
	9/24/2003	6.90	NP	-	28.56	NA
	12/26/2003	4.93	NP	-	30.53	NA
	3/30/2004	5.29	NP	-	30.17	NA
	6/24/2004	6.24	NP	-	29.22	NA
	9/27/2004	6.49	NP	-	28.97	NA
	12/14/2004	5.81	NP	-	29.65	NA
	3/7/2005	6.16	NP	-	29.30	NA
	6/21/2005	5.70	NP	-	29.76	NA
	9/19/2005	6.81	NP	-	28.65	NA
	12/12/2005	5.38	NP	-	30.08	NA
	3/13/2006	NM	NM	NM	NM	NM
	6/26/2006	NM	NM	NM	NM	NM
	9/25/2006	Well not found				
	12/11/2006	-	-	-	-	-
	3/19/2007	-	-	-	-	-

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-14	6/9/1999	5.03	NP	-	30.40	NA
(35.43)	7/8/1999	5.27	NP	-	30.16	NA
	8/16/1999	5.85	NP	-	29.58	NA
	9/20/1999	6.14	NP	-	29.29	NA
	2/9/2000	3.98	NP	-	31.45	NA
	5/9/2000	4.66	NP	-	30.77	NA
	5/15/2000	4.33	NP	-	31.10	NA
	7/11/2000	5.41	NP	-	30.02	NA
	8/14/2000	6.01	NP	-	29.42	NA
	12/12/2000	5.87	NP	-	29.56	NA
	4/3/2001	5.70	NP	-	29.73	NA
	6/8/2001	5.81	NP	-	29.62	NA
	7/16/2001	6.20	NP	-	29.23	NA
	8/1/2001	6.32	NP	-	29.11	NA
	9/19/2001	6.99	NP	-	28.44	NA
	12/20/2001	4.22	NP	-	31.21	NA
	3/15/2002	4.09	NP	-	31.34	NA
	6/4/2002	5.41	NP	-	30.02	NA
	9/23/2002	6.86	NP	-	28.57	NA
	12/19/2002	5.59	NP	-	29.84	NA
	3/19/2003	4.54	NP	-	30.89	NA
	6/24/2003	5.51	NP	-	29.92	NA
	9/24/2003	7.01	NP	-	28.42	NA
	12/26/2003	4.72	NP	-	30.71	NA
	3/30/2004	5.38	NP	-	30.05	NA
	6/24/2004	6.36	NP	-	29.07	NA
	9/27/2004	6.53	NP	-	28.90	NA
	12/14/2004	5.57	NP	-	29.86	NA
	3/7/2005	6.26	NP	-	29.17	NA
	6/21/2005	5.56	NP	-	29.87	NA
	9/19/2005	6.93	NP	-	28.50	NA
	12/12/2005	5.39	NP	-	30.04	NA
	3/13/2006	4.89	NP	-	30.54	NA
	6/26/2006	5.87	NP	-	29.56	NA
	9/25/2006	7.25	NP	-	28.18	NA
	12/11/2006	5.52	NP	-	29.91	NA
	3/19/2007	5.19	NP	-	30.24	NA

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-15	6/9/1999	9.06	NP	-	26.36	NA
(35.42)	7/8/1999	9.44	9.41	0.03	26.00	NR ***
	8/16/1999	10.35	10.08	0.27	25.29	NR ***
	9/20/1999	11.07	10.63	0.44	24.70	NR ***
	2/9/2000	8.32	8.01	0.31	27.35	NR ***
	5/9/2000	8.91	8.66	0.25	26.71	NR ***
	5/15/2000	8.74	8.53	0.21	26.85	NR ***
	5/16/2000	8.60	8.45	0.15	26.94	NR ***
	6/7/2000	9.33	8.99	0.34	26.36	NR ***
	7/11/2000	10.02	9.70	0.32	25.66	NR ***
	8/14/2000	10.76	10.39	0.37	24.96	NR ***
	12/12/2000	10.60	10.56	0.04	24.85	NR ***
	4/3/2001	10.17	10.05	0.12	25.35	NR ***
	6/8/2001	10.56	10.37	0.19	25.01	NR ***
	7/16/2001	10.97	10.77	0.20	24.61	NR ***
	9/19/2001	12.17	11.76	0.41	23.58	NR ***
	12/22/2001	8.66	8.50	0.16	26.89	NR ***
	3/15/2002	8.86	8.42	0.44	26.91	0.3
	6/4/2002	10.52	10.25	0.27	25.12	0.5
	9/23/2002	11.40	11.31	0.09	24.09	0.13
	12/19/2002	9.39	9.37	0.02	26.05	0.03
	3/19/2003	9.11	9.04	0.07	26.37	0.13
	6/24/2003	10.63	10.52	0.11	24.88	0.01
	9/24/2003	12.53	12.32	0.21	23.06	0.01
	12/26/2003	10.34	9.78	0.56	25.53	NA
	3/30/2004	10.34	9.92	0.42	25.42	NA
	6/24/2004	11.26	11.11	0.15	24.28	NA
	9/27/2004	11.85	11.76	0.09	23.64	NA
	12/14/2004	9.96	9.95	0.01	25.47	0.002
	3/7/2005	11.02	10.90	0.12	24.50	0.02
	6/21/2005	10.62	10.49	0.13	24.90	0.02
	9/19/2005	12.10	11.89	0.21	23.49	0.16
	12/12/2005	10.04	10.01	0.03	25.40	0.03
	3/13/2006	9.06	8.93	0.13	26.46	0.05
	6/26/2006	10.79	10.51	0.28	24.85	NA
	9/25/2006	12.18	11.90	0.28	23.46	0.00
	12/11/2006	9.96	9.93	0.03	25.48	0.12
	3/19/2007	6.21	6.08	0.13	29.31	0.20

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-16	6/9/1999	11.05	NP	-	23.72	NA
(34.77)	7/8/1999	11.61	NP	-	23.16	NA
	8/16/1999	11.82	NP	-	22.95	NA
	9/20/1999	12.00	NP	-	22.77	NA
	2/9/2000	10.39	NP	-	24.38	NA
	5/9/2000	11.10	NP	-	23.67	NA
	5/15/2000	11.12	NP	-	23.65	NA
	7/11/2000	11.86	NP	-	22.91	NA
	8/14/2000	11.96	NP	-	22.81	NA
	12/12/2000	11.95	NP	-	22.82	NA
	4/3/2001	11.93	NP	-	22.84	NA
	6/8/2001	NM	NM	-	NM	-
	7/16/2001	12.06	NP	-	22.71	NA
	9/19/2001	12.60	NP	-	22.17	NA
	12/22/2001	10.40	NP	-	24.37	NA
	3/15/2002	10.64	NP	-	24.13	NA
	6/4/2002	11.89	NP	-	22.88	NA
	9/23/2002	12.16	NP	-	22.61	NA
	12/19/2002	10.89	10.87	0.02	23.90	0.01
	3/19/2003	10.54	NP	-	24.23	NA
	6/24/2003	11.81	NP	-	22.96	NA
	9/24/2003	12.42	NP	-	22.35	NA
	12/26/2003	11.29	NP	-	23.48	NA
	3/30/2004	10.83	NP	-	23.94	NA
	6/24/2004	12.04	12.02	0.02	22.75	NA
	9/27/2004	12.03	NP	-	22.74	NA
	12/14/2004	11.08	NP	-	23.69	NA
	3/7/2005	11.88	NP	-	22.89	NA
	6/21/2005	11.59	NP	-	23.18	NA
	9/19/2005	12.35	12.35	0.00	22.42	NA
	12/12/2005	11.00	10.92	0.08	23.83	0.0
	3/13/2006	10.55	NP	-	24.22	NA
	6/26/2006	11.38	NP	-	23.39	NA
	9/25/2006	12.37	NP	-	22.40	NA
	12/11/2006	11.10	11.08	0.02	23.69	NA
	3/19/2007	10.34	NP	-	24.43	NA

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-17	6/9/1999	6.90	NP	-	27.56	NA
(34.46)	7/8/1999	7.15	NP	-	27.31	NA
	8/16/1999	7.81	NP	-	26.65	NA
	9/20/1999	8.35	NP	-	26.11	NA
	2/9/2000	6.41	NP	-	28.05	NA
	5/9/2000	6.80	NP	-	27.66	NA
	5/15/2000	6.68	NP	-	27.78	NA
	7/11/2000	7.50	NP	-	26.96	NA
	8/14/2000	8.21	NP	-	26.25	NA
	12/12/2000	8.26	NP	-	26.20	NA
	4/3/2001	7.90	NP	-	26.56	NA
	6/8/2001	NM	NM	-	NM	-
	7/16/2001	8.59	NP	-	25.87	NA
	9/19/2001	9.70	NP	-	24.76	NA
	12/22/2001	6.57	NP	-	27.89	NA
	3/15/2002	6.47	NP	-	27.99	NA
	6/4/2002	7.82	NP	-	26.64	NA
	9/23/2002	8.81	NP	-	25.65	NA
	12/19/2002	7.92	NP	-	26.54	NA
	3/19/2003	6.70	NP	-	27.76	NA
	6/24/2003	7.96	NP	-	26.50	NA
	9/24/2003	9.63	NP	-	24.83	NA
	12/26/2003	7.51	7.10	0.41	27.28	NA
	3/30/2004	7.32	NP	-	27.14	NA
	6/24/2004	8.65	NP	-	25.81	NA
	9/27/2004	8.32	NP	-	26.14	NA
	12/14/2004	7.44	NP	-	27.02	NA
	3/7/2005	8.28	NP	-	26.18	NA
	6/21/2005	7.80	NP	-	26.66	NA
	9/19/2005	9.50	NP	-	24.96	NA
	12/12/2005	7.22	NP	-	27.24	NA
	3/13/2006	6.64	NP	-	27.82	NA
	6/26/2006	7.71	NP	-	26.75	NA
	9/25/2006	9.57	NP	-	24.89	NA
	12/11/2006	7.11	NP	-	27.35	NA
	3/19/2007	**6.91**	**NP**	-	**27.55**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-18	6/9/1999	3.77	NP	-	31.07	NA
(34.84)	7/8/1999	4.14	NP	-	30.70	NA
	8/16/1999	5.19	NP	-	29.65	NA
	9/20/1999	NM	NM	-	NM	-
	2/9/2000	NM	NM	-	NM	-
	5/9/2000	NM	NM	-	NM	-
	5/15/2000	NM	NM	-	NM	-
	7/11/2000	NM	NM	-	NM	-
	8/14/2000	NM	NM	-	NM	-
	12/12/2000	NM	NM	-	NM	-
	4/3/2001	NM	NM	-	NM	-
	6/8/2001	NM	NM	-	NM	-
	7/16/2001	NM	NM	-	NM	-
	9/19/2001	NM	NM	-	NM	-
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	NM	NM	-	NM	-
		Abandoned				

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-19	6/9/1999	5.10	NP	-	30.39	NA
(35.49)	7/8/1999	6.24	5.27	0.97	30.03	NR***
	8/16/1999	7.65	5.87	1.78	29.26	NR ***
	9/20/1999	8.86	6.38	2.48	28.61	NR ***
	2/9/2000	5.94	3.35	2.59	31.62	NR ***
	5/9/2000	6.19	4.38	1.81	30.75	NR ***
	5/15/2000	4.27	4.22	0.05	31.26	NR ***
	5/16/2000	4.32	4.26	0.06	31.22	NR ***
	6/7/2000	5.57	4.78	0.79	30.55	NR ***
	7/11/2000	6.17	5.35	0.82	29.98	NR ***
	8/14/2000	7.50	5.94	1.56	29.24	NR ***
	12/12/2000	8.69	5.90	2.79	29.03	NR ***
	4/3/2001	8.03	5.61	2.42	29.40	NR ***
	6/8/2001	7.77	5.75	2.02	29.34	NR ***
	7/16/2001	7.99	6.32	1.67	28.84	NR ***
	9/19/2001	8.86	7.14	1.72	28.01	NR ***
	12/22/2001	4.62	4.24	0.38	31.17	NR ***
	3/15/2002	4.47	4.13	0.34	31.29	0.25
	6/4/2002	6.92	5.39	1.53	29.79	1.50
	9/23/2002	8.48	6.91	1.57	28.27	0.53
	12/19/2002	7.09	6.17	0.92	29.14	0.26
	3/19/2003	4.83	4.40	0.43	31.00	0.26
	6/24/2003	6.51	5.50	1.01	29.79	0.75
	9/24/2003	7.68	6.99	0.69	28.36	0.26
	12/26/2003	7.41	5.21	2.20	29.84	2.50
	3/30/2004	7.12	5.49	1.63	29.67	2.50
	6/24/2004	7.40	6.62	0.78	28.71	2.50
	9/27/2004	8.28	7.65	0.63	27.71	2.50
	12/14/2004	6.63	6.37	0.26	29.07	0.04
	3/7/2005	6.94	6.92	0.02	28.57	0.003
	6/21/2005	6.43	5.83	0.60	29.54	0.1
	9/19/2005	8.80	7.32	1.48	27.87	0.3
	12/12/2005	5.19	5.19	Sheen	30.30	0.01
	3/13/2006	4.45	NP	Sheen	31.04	0.10
	6/26/2006	6.00	5.93	0.07	29.55	0.04
	9/25/2006	8.13	7.39	0.74	27.95	0.36
	12/11/2006	4.78	Trace	-	30.71	0.50
	3/19/2007	**4.63**	**NP**	-	**30.86**	**0.30**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-20	7/8/1999	7.69	NP	-	27.45	NA
(35.14)	8/16/1999	8.50	NP	-	26.64	NA
	9/20/1999	9.14	NP	-	26.00	NA
	2/9/2000	6.67	NP	-	28.47	NA
	5/9/2000	7.25	NP	-	27.89	NA
	5/15/2000	6.98	NP	-	28.16	NA
	7/11/2000	8.15	NP	-	26.99	NA
	8/14/2000	8.95	NP	-	26.19	NA
	12/12/2000	9.12	NP	-	26.02	NA
	4/3/2001	8.75	NP	-	26.39	NA
	6/8/2001	9.04	NP	-	26.10	NA
	7/16/2001	9.51	NP	-	25.63	NA
	9/19/2001	10.91	NP	-	24.23	NA
	12/20/2001	6.96	NP	-	28.18	NA
	3/15/2002	6.91	NP	-	28.23	NA
	6/4/2002	8.74	NP	-	26.40	NA
	9/23/2002	10.29	NP	-	24.85	NA
	12/19/2002	8.88	NP	-	26.26	NA
	3/19/2003	7.35	NP	-	27.79	NA
	6/24/2003	9.05	NP	-	26.09	NA
	9/24/2003	11.30	NP	-	23.84	NA
	12/26/2003	8.08	8.06	0.02	27.08	NA
	3/30/2004	8.35	NP	-	26.79	NA
	6/24/2004	9.89	NP	-	25.25	NA
	9/27/2004	9.59	NP	-	25.55	NA
	12/14/2004	8.25	NP	-	26.89	NA
	3/7/2005	9.60	NP	-	25.54	NA
	6/21/2005	8.79	NP	-	26.35	NA
	9/19/2005	10.92	NP	-	24.22	NA
	12/12/2005	8.26	NP	-	26.88	NA
	3/13/2006	7.09	NP	-	28.05	NA
	6/26/2006	8.72	NP	-	26.42	NA
	9/25/2006	11.00	NP	-	24.14	NA
	12/11/2006	8.23	NP	-	26.91	NA
	3/19/2007	7.22	**NP**	-	**27.92**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-21A	12/12/2000	5.54	NP	-	28.57	NA
(34.11)	4/5/2001	5.21	5.11	0.10	28.98	NR ***
	6/8/2001	5.61	5.11	0.50	28.90	NR ***
	7/16/2001	6.37	5.25	1.12	28.64	NR ***
	9/19/2001	Covered With Construction Equipment				
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	NM	NM	>1.0E	NM	NM
	6/4/2002	NM	4.85E	>1.5E	NM	NM
	9/23/2002	8.10E	6.10E	2.0E	NM	0.04
	12/19/2002	5.19	4.95	0.24	29.11	0.02
	3/19/2003	3.6E	3.4E	0.2E	NM	0.01
	6/24/2003	5.6E	5.33	0.25E	NM	0.01
	9/24/2003	7.1E	6.80	0.3E	NM	0.01
	12/26/2003	3.75	3.63E	0.12E	NM	0.01
	3/30/2004	5.35	4.99	0.36	29.05	0.25
	6/24/2004	6.52	6.17	0.35	27.87	NA
	9/27/2004	7.09	6.59	0.50	27.42	NA
	12/14/2004	5.69	5.48	0.21	28.59	0.005
	3/7/2005	5.80	5.66	0.14	28.42	0.003
	6/22/2005	5.78	5.53	0.25	28.53	0.006
	9/19/2005	7.41	6.89	0.52	27.12	0.012
	12/12/2005	5.29	5.08	0.21	28.99	0.02
	3/13/2006	4.35	4.18	0.17	29.90	0.01
	6/26/2006	5.35	5.23	0.12	28.86	0.01
	9/25/2006	6.72	NP	-	27.39	0.01
	12/11/2006	4.92	4.68	0.24	29.38	NA
	3/19/2007	**5.00**	**4.50**	**0.50**	**29.51**	**NA**
CR-21B	12/12/2000	6.53	NP	-	27.83	NA
(34.36)	4/3/2001	5.62	NP	-	28.74	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	6.88	NP	-	27.48	NA
	9/19/2001	7.41	NP	-	26.95	NA
	12/20/2001	4.68	NP	-	29.68	NA
	3/15/2002	4.48	NP	-	29.88	NA
	6/4/2002	5.59	NP	-	28.77	NA
	9/23/2002	7.77	NP	-	26.59	NA
	12/19/2002	5.79	NP	-	28.57	NA
	3/19/2003	4.92	NP	-	29.44	NA
	6/24/2003	6.21	NP	-	28.15	NA
	9/24/2003	7.77	NP	-	26.59	NA
	12/26/2003	4.41	NP	-	29.95	NA
	3/30/2004	5.30	NP	-	29.06	NA
	6/24/2004	6.67	NP	-	27.69	NA
	9/27/2004	6.99	NP	-	27.37	NA
	12/14/2004	6.52	NP	-	27.84	NA
	3/7/2005	6.27	NP	-	28.09	NA
	6/22/2005	6.09	NP	-	28.27	NA
	9/19/2005	7.75	NP	-	26.61	NA
	12/12/2005	5.65	NP	-	28.71	NA
	3/13/2006	4.45	NP	-	29.91	NA
	6/26/2006	5.89	NP	-	28.47	NA
	9/25/2006	7.68	NP	-	26.68	NA
	12/11/2006	5.33	NP	-	29.03	NA
	3/19/2007	**4.47**	**NP**	**-**	**29.89**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-22A	12/12/2000	11.92	NP	-	22.88	NA
(34.80)	4/3/2001	11.51	NP	-	23.29	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	11.89	NP	-	22.91	NA
	9/19/2001	12.52	NP	-	22.28	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	10.36	NP	-	24.44	NA
	6/4/2002	11.32	NP	-	23.48	NA
	9/23/2002	12.12	NP	-	22.68	NA
	12/19/2002	11.93	NP	-	22.87	NA
	3/19/2003	10.99	NP	-	23.81	NA
	6/24/2003	11.83	NP	-	22.97	NA
	9/24/2003	12.96	NP	-	21.84	NA
	12/26/2003	11.65	NP	-	23.15	NA
	3/30/2004	11.79	NP	-	23.01	NA
	6/24/2004	12.28	NP	-	22.52	NA
	9/27/2004	12.33	NP	-	22.47	NA
	12/14/2004	11.98	NP	-	22.82	NA
	3/7/2005	12.02	NP	-	22.78	NA
	6/21/2005	11.85	NP	-	22.95	NA
	9/19/2005	12.73	NP	-	22.07	NA
	12/12/2005	11.59	NP	-	23.21	NA
	3/13/2006	10.98	NP	-	23.82	NA
	6/26/2006	11.42	NP	-	23.38	NA
	9/25/2006	12.82	Trace	-	21.98	NA
	12/11/2006	11.42	NP	-	23.38	NA
	3/19/2007	**10.84**	**NP**	**-**	**23.96**	**NA**
CR-22B	12/12/2000	11.27	NP	-	23.92	NA
(35.19)	4/3/2001	10.70	NP	-	24.49	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	11.31	NP	-	23.88	NA
	9/19/2001	12.02	NP	-	23.17	NA
	12/20/2001	9.63	NP	-	25.56	NA
	3/15/2002	9.52	NP	-	25.67	NA
	6/4/2002	10.59	NP	-	24.60	NA
	9/23/2002	11.57	NP	-	23.62	NA
	12/19/2002	11.39	NP	-	23.80	NA
	3/19/2003	10.02	NP	-	25.17	NA
	6/24/2003	10.52	NP	-	24.67	NA
	9/24/2003	12.24	NP	-	22.95	NA
	12/26/2003	10.64	NP	-	24.55	NA
	3/30/2004	10.33	NP	-	24.86	NA
	6/24/2004	11.26	NP	-	23.93	NA
	9/27/2004	11.25	NP	-	23.94	NA
	12/14/2004	10.87	NP	-	24.32	NA
	3/7/2005	11.13	NP	-	24.06	NA
	6/21/2005	10.90	NP	-	24.29	NA
	9/19/2005	11.84	NP	-	23.35	NA
	12/12/2005	10.59	NP	-	24.60	NA
	3/13/2006	9.65	NP	-	25.54	NA
	6/26/2006	10.71	NP	-	24.48	NA
	9/25/2006	12.02	NP	-	23.17	NA
	12/11/2006	10.39	NP	-	24.80	NA
	3/19/2007	**9.64**	**NP**	**-**	**25.55**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-23A	12/12/2000	13.56	NP	-	22.79	NA
(36.35)	4/3/2001	13.20	NP	-	23.15	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	13.52	NP	-	22.83	NA
	9/19/2001	14.19	NP	-	22.16	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	11.84	NP	-	24.51	NA
	6/4/2002	12.83	NP	-	23.52	NA
	9/23/2002	13.66	NP	-	22.69	NA
	12/19/2002	13.66	NP	-	22.69	NA
	3/19/2003	11.97	NP	-	24.38	NA
	6/24/2003	12.64	NP	-	23.71	NA
	9/24/2003	13.95	NP	-	22.40	NA
	12/26/2003	12.70	NP	-	23.65	NA
	3/30/2004	12.47	NP	-	23.88	NA
	6/24/2004	13.46	NP	-	22.89	NA
	9/27/2004	13.45	NP	-	22.90	NA
	12/14/2004	13.14	NP	-	23.21	NA
	3/7/2005	13.35	NP	-	23.00	NA
	6/21/2005	12.92	NP	-	23.43	NA
	9/19/2005	13.95	NP	-	22.40	NA
	12/12/2005	12.74	NP	-	23.61	NA
	3/13/2006	11.96	NP	-	24.39	NA
	6/26/2006	12.96	NP	-	23.39	NA
	9/25/2006	13.95	NP	-	22.40	NA
	12/11/2006	12.62	NP	-	23.73	NA
	3/19/2007	**11.93**	**NP**	-	**24.42**	**NA**
CR-23B	12/12/2000	12.57	NP	-	23.70	NA
(36.27)	4/3/2001	12.18	NP	-	24.09	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	12.71	NP	-	23.56	NA
	9/19/2001	13.79	NP	-	22.48	NA
	12/20/2001	11.04	NP	-	25.23	NA
	3/15/2002	10.94	NP	-	25.33	NA
	6/4/2002	12.96	NP	-	23.31	NA
	9/23/2002	12.79	NP	-	23.48	NA
	12/19/2002	12.79	NP	-	23.48	NA
	3/19/2003	12.55	NP	-	23.72	NA
	6/24/2003	12.65	NP	-	23.62	NA
	9/24/2003	13.57	NP	-	22.70	NA
	12/26/2003	11.85	NP	-	24.42	NA
	3/30/2004	11.46	NP	-	24.81	NA
	6/24/2004	12.73	NP	-	23.54	NA
	9/27/2004	12.62	NP	-	23.65	NA
	12/14/2004	12.36	NP	-	23.91	NA
	3/7/2005	12.61	NP	-	23.66	NA
	6/21/2005	12.33	NP	-	23.94	NA
	9/19/2005	13.29	NP	-	22.98	NA
	12/12/2005	12.00	NP	-	24.27	NA
	3/13/2006	10.98	NP	-	25.29	NA
	6/26/2006	12.11	NP	-	24.16	NA
	9/25/2006	13.23	NP	-	23.04	NA
	12/11/2006	11.81	NP	-	24.46	NA
	3/19/2007	**11.25**	**NP**	-	**25.02**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-24A	12/12/2000	15.15	NP	-	21.06	NA
(36.21)	4/3/2001	14.46	NP	-	21.75	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	14.64	NP	-	21.57	NA
	9/19/2001	15.11	NP	-	21.10	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	13.29	NP	-	22.92	NA
	6/4/2002	14.07	NP	-	22.14	NA
	9/23/2002	14.82	NP	-	21.39	NA
	12/19/2002	14.72	NP	-	21.49	NA
	3/19/2003	13.53	NP	-	22.68	NA
	6/24/2003	14.04	NP	-	22.17	NA
	9/24/2003	14.88	NP	-	21.33	NA
	12/26/2003	14.17	NP	-	22.04	NA
	3/30/2004	12.61	NP	-	23.60	NA
	6/24/2004	14.45	NP	-	21.76	NA
	9/27/2004	14.65	NP	-	21.56	NA
	12/14/2004	14.45	NP	-	21.76	NA
	3/7/2005	14.24	NP	-	21.97	NA
	6/21/2005	14.13	NP	-	22.08	NA
	9/19/2005	14.77	NP	-	21.44	NA
	12/12/2005	13.09	NP	-	23.12	NA
	3/13/2006	12.95	NP	-	23.26	NA
	6/26/2006	13.75	NP	-	22.46	NA
	9/25/2006	14.65	NP	-	21.56	NA
	12/11/2006	13.05	NP	-	23.16	NA
	3/19/2007	**12.69**	**NP**	-	**23.52**	**NA**
CR-24B	12/12/2000	13.78	NP	-	22.54	NA
(36.32)	4/3/2001	13.40	NP	-	22.92	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	13.77	NP	-	22.55	NA
	9/19/2001	14.44	NP	-	21.88	NA
	12/20/2001	12.41	NP	-	23.91	NA
	3/15/2002	12.06	NP	-	24.26	NA
	6/4/2002	12.94	NP	-	23.38	NA
	9/23/2002	13.42	NP	-	22.90	NA
	12/19/2002	13.78	NP	-	22.54	NA
	3/19/2003	12.52	NP	-	23.80	NA
	6/24/2003	13.06	NP	-	23.26	NA
	9/24/2003	14.32	NP	-	22.00	NA
	12/26/2003	12.97	NP	-	23.35	NA
	3/30/2004	13.52	NP	-	22.80	NA
	6/24/2004	13.58	NP	-	22.74	NA
	9/27/2004	13.61	NP	-	22.71	NA
	12/14/2004	13.41	NP	-	22.91	NA
	3/7/2005	13.66	NP	-	22.66	NA
	6/21/2005	13.20	NP	-	23.12	NA
	9/19/2005	14.03	NP	-	22.29	NA
	12/12/2005	12.95	NP	-	23.37	NA
	3/13/2006	12.03	NP	-	24.29	NA
	6/26/2006	12.87	NP	-	23.45	NA
	9/25/2006	14.03	Trace	-	22.29	NA
	12/11/2006	13.72	NP	-	22.60	NA
	3/19/2007	**12.09**	**NP**	-	**24.23**	**NA**

COPPOR00007626

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-25	12/12/2000	8.23	NP	-	26.04	NA
(34.27)	4/3/2001	7.69	7.25	0.44	26.93	NR ***
	6/8/2001	7.49	7.15	0.34	27.05	NR ***
	7/16/2001	8.67	7.73	0.94	26.35	NR ***
	9/19/2001	9.02	8.75	0.27	25.47	NR ***
	12/20/2001	6.96	6.81	0.15	27.43	NR ***
	3/15/2002	6.66	6.51	0.15	27.73	0.1
	6/4/2002	7.83	7.62	0.21	26.61	0.25
	9/23/2002	9.02	8.79	0.23	25.43	0.13
	12/19/2002	8.48	8.34	0.14	25.90	0.05
	3/19/2003	6.91	6.74	0.17	27.50	0.2
	6/24/2003	7.79	7.58	0.21	26.65	NR
	9/24/2003	9.06	8.91	0.15	25.33	NR
	12/26/2003	7.51	7.35	0.16	26.89	NR
	3/30/2004	8.00	7.79	0.21	26.44	0.0
	6/24/2004	8.65	8.19	0.46	25.99	0.0
	9/27/2004	8.65	8.42	0.23	25.80	0.0
	12/14/2004	7.62	7.49	0.13	26.75	0.02
	3/7/2005	8.14	7.95	0.19	26.28	0.03
	6/22/2005	8.07	7.79	0.28	26.42	0.05
	9/19/2005	10.34	9.14	1.20	24.89	0.2
	12/12/2005	7.87	7.58	0.29	26.63	0.17
	3/13/2006	6.54	6.40	0.14	27.84	0.05
	6/26/2006	7.83	7.82	0.01	26.45	0.05
	9/25/2006	9.22	9.19	0.03	25.07	0.05
	12/11/2006	7.65	NP	-	26.62	NA
	3/19/2007	**7.75**	**6.70**	**1.05**	**27.36**	**0.90**
CR-26	9/24/2003	-	-	-	-	-
(33.19)	12/26/2003	-	-	-	-	-
	3/26/2004	-	-	-	-	-
	6/24/2004	20.42	NP	-	12.77	NA
	9/27/2004	21.88	NP	-	11.31	NA
	12/14/2004	22.96	NP	-	-	NA
	3/7/2005	20.81	NP	-	-	NA
	6/22/2005	20.03	NP	-	-	NA
	9/19/2005	22.80	NP	-	-	NA
	12/12/2005	20.92	NP	-	12.27	NA
	1/30/2006	16.21	NP	-	16.98	NA
	3/13/2006	19.80	NP	-	13.39	NA
	6/26/2006	17.53	NP	-	15.66	NA
	9/25/2006	27.34	NP	-	5.85	NA
	12/11/2006	20.37	NP	-	12.82	NA
	3/19/2007	**18.99**	**NP**	-	**14.20**	**NA**
CR-27C	1/30/2006	16.70	NP	-	16.58	NA
(33.28)	3/13/2006	19.46	NP	-	13.82	NA
	9/25/2006	21.94	NP	-	11.34	NA
	12/11/2006	20.48	NP	-	12.80	NA
	3/19/2007	**19.26**	**NP**	-	**14.02**	**NA**
CR-28B	1/30/2006	13.52	NP		21.35	NA
(34.87)	3/13/2006	14.54	NP	-	20.33	NA
	9/25/2006	NM	NM	NM	NM	NM
	12/11/2006	15.39	NP	-	19.48	NA
	3/19/2007	**14.81**	**NP**	-	**20.06**	**NA**
CR-28C	1/30/2006	13.11	NP		21.65	NA
(34.76)	3/13/2006	14.02	NP	-	20.74	NA
	9/25/2006	NM	NM	NM	NM	NM
	12/11/2006	14.80	NP	-	19.96	NA
	3/19/2007	**14.10**	**NP**	-	**20.66**	**NA**

COPPOR00007627

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-29A	1/30/2006	13.03	NP	-	21.13	NA
(34.16)	3/13/2006	13.68	NP	-	20.48	NA
	9/25/2006	NM	NM	NM	NM	NM
	12/11/2006	14.50	NP	-	19.66	NA
	3/19/2007	**13.91**	**NP**	-	**20.25**	**NA**
CR-29B	1/30/2006	14.46	NP	-	19.85	NA
(34.31)	3/13/2006	NM	NP	-	NM	NA
	9/25/2006	NM	NM	NM	NM	NM
	12/11/2006	15.96	NP	-	18.35	NA
	3/19/2007	**15.26**	**NP**	-	**19.05**	**NA**
CR-30A	1/30/2006	12.10	NP	-	20.96	NA
(33.06)	3/13/2006	12.95	NP	-	20.11	NA
	9/25/2006	NM	NM	NM	NM	NM
	12/11/2006	13.66	NP	-	19.40	NA
	3/19/2007	**13.17**	**NP**	-	**19.89**	**NA**
CR-30B	1/30/2006	13.97	NP	-	18.33	NA
(32.30)	3/13/2006	16.13	NP	-	16.17	NA
	9/25/2006	NM	NM	NM	NM	NM
	12/11/2006	16.97	NP	-	15.33	NA
	3/19/2007	**15.70**	**NP**	-	**16.60**	**NA**
CR-31A	1/30/2006	1.30	NP	-	20.26	NA
(21.56)	3/13/2006	2.14	NP	-	19.42	NA
	9/25/2006	NM	NM	NM	NM	NM
	12/11/2006	2.51	NP	-	19.05	NA
	3/19/2007	**2.48**	**NP**	-	**19.08**	**NA**
CR-31B	1/30/2006	5.06	NP	-	16.63	NA
(21.69)	3/13/2006	7.75	NP	-	13.94	NA
	9/25/2006	NM	NM	NM	NM	NM
	12/11/2006	8.68	NP	-	13.01	NA
	3/19/2007	**7.30**	**NP**	-	**14.39**	**NA**
CR-32A	1/30/2006	1.56	NP	-	20.13	NA
(21.69)	3/13/2006	2.41	NP	-	19.28	NA
	9/25/2006	NM	NM	NM	NM	NM
	12/11/2006	2.96	NP	-	18.73	NA
	3/19/2007	**2.74**	**NP**	-	**18.95**	**NA**
CR-32B	1/30/2006	5.34	NP	-	16.68	NA
(22.02)	3/13/2006	7.99	NP	-	14.03	NA
	9/25/2006	NM	NM	NM	NM	NM
	12/11/2006	8.69	NP	-	13.33	NA
	3/19/2007	**7.41**	**NP**	-	**14.61**	**NA**
CR-32C	1/30/2006	5.38	NP	-	16.42	NA
(21.80)	3/13/2006	8.75	NP	-	13.05	NA
	9/25/2006	NM	NM	NM	NM	NM
	12/11/2006	9.17	NP	-	12.63	NA
	3/19/2007	**7.75**	**NP**	-	**14.05**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
GPW-1	12/12/2000	12.99	NP	-	21.67	NA
(34.66)	2/20/2001	12.59	NP	-	22.07	NA
	4/3/2001	12.56	NP	-	22.10	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	12.70	NP	-	21.96	NA
	9/19/2001	13.15	NP	-	21.51	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	7.46	NP	-	27.20	NA
	6/4/2002	11.71	NP	-	22.95	NA
	9/23/2002	12.95	NP	-	21.71	NA
	12/19/2002	12.71	NP	-	21.95	NA
	3/19/2003	7.19	NP	-	27.47	NA
	6/24/2003	10.06	NP	-	24.60	NA
	9/24/2003	13.07	NP	-	21.59	NA
	12/26/2003	11.01	NP	-	23.65	NA
	3/30/2004	7.61	NP	-	27.05	NA
	6/24/2004	12.36	NP	-	22.30	NA
	9/27/2004	12.99	NP	-	21.67	NA
	12/14/2004	12.93	NP	-	21.73	NA
	3/7/2005	11.52	NP	-	23.14	NA
	6/21/2005	9.65	NP	-	25.01	NA
	9/19/2005	13.01	NP	-	21.65	NA
	12/12/2005	8.75	NP	-	25.91	NA
	3/13/2006	7.60	NP	-	27.06	NA
	6/26/2006	NM	NM	NM	NM	NA
	9/25/2006	12.89	NP	-	21.77	NA
	12/11/2006	7.21	NP	-	27.45	NA
	3/19/2007	7.04	NP	-	27.62	NA

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
GPW-2	12/12/2000	NM	NM	NM	NM	-
(34.98)	2/20/2001	10.93	10.68	-	24.05	NA
	4/3/2001	NM	NM	NM	NM	-
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	NM	NM	NM	NM	-
	9/19/2001	12.91	NP	-	22.07	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	7.91	NP	-	27.07	NA
	6/4/2002	NM	NM	1.2E	NM	0.01
	9/23/2002	13.10E	12.97E	0.13E	E	0.05
	12/19/2002	12.32	-	-	-	-
	3/19/2003	9.4E	-	-	-	0.02
	6/24/2003	10.20	NM	Sheen	24.78	NA
	9/24/2003	12.18	11.93	0.25E	23.00	0.01
	12/26/2003	10.80	10.55	0.25	24.38	0.25
	3/30/2004	9.31	8.92	0.39	25.98	0.25
	6/24/2004	10.75	10.73	0.02	24.25	NA
	9/27/2004	12.55	11.83	0.72	23.01	NA
	12/14/2004	12.55	11.94	0.61	22.92	NA
	3/7/2005	10.76	10.75	0.01	24.23	NA
	6/20/2005	10.18	NP	0.00	24.80	NA
	9/19/2005	12.18	11.35	0.83	23.46	0.02
	12/12/2005	9.90	9.90	Sheen	25.08	0.0
	3/13/2006	9.34	9.34	Sheen	25.64	0.0
	6/26/2006	10.77	10.77	Sheen	24.21	0.0
	9/25/2006	11.88	Trace	-	23.10	0.0
	12/11/2006	9.59	NP	-	25.39	0.0
	3/19/2007	**9.02**	**9.00**	**0.02**	**25.98**	**NA**
GPW-3	12/12/2000	12.23	NP	-	22.85	NA
(35.08)	2/20/2001	12.03	NP	-	23.05	NA
	4/3/2001	11.97	NP	-	23.11	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	12.16	NP	-	22.92	NA
	9/19/2001	12.66	NP	-	22.42	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	10.46	NP	-	24.62	NA
	6/4/2002	11.22	NP	-	23.86	NA
	9/23/2002	11.72	NP	-	23.36	NA
	12/19/2002	12.20	-	-	-	0.01
	3/19/2003	10.86E	-	-	-	0.01
	6/24/2003	11.35	11.24	0.11	23.82	0.01
	9/24/2003	11.90	11.78	0.12	23.28	0.01
	12/26/2003	13.49	11.24	2.25	23.39	0.25
	3/30/2004	11.73	10.90	0.83	24.01	0.03
	6/24/2004	11.83	11.59	0.24	23.44	NA
	9/27/2004	12.32	11.86	0.46	23.13	NA
	12/14/2004	12.15	11.87	0.28	23.15	0.006
	3/7/2005	11.81	11.60	0.21	23.44	0.005
	6/21/2005	11.35	11.16	0.19	23.88	0.004
	9/19/2005	11.98	11.85	0.13	23.20	0.003
	12/12/2005	11.27	11.21	0.06	23.86	0.02
	3/13/2006	10.82	10.80	0.02	24.28	0.02
	6/26/2006	11.16	11.16	Sheen	23.92	0.02
	9/25/2006	11.88	Trace	-	23.20	0.00
	12/11/2006	7.85	7.81	0.04	27.26	NA
	3/19/2007	**10.57**	**NP**	-	**24.51**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
GPW-4	12/12/2000	NM	NM	NM	NM	-
(35.07)	2/20/2001	12.29	NP	-	22.78	NA
	4/3/2001	NM	NM	NM	NM	-
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	NM	NM	NM	NM	-
	9/19/2001	13.02	NP	-	22.05	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	11.08	NP	-	23.99	NA
	6/4/2002	11.98	NP	-	23.09	
	9/23/2002	12.71	NP	-	22.36	NA
	12/19/2002	12.23	NP	-	22.84	NA
	3/19/2003	11.30	NP	-	23.77	NA
	6/24/2003	12.12	NP	-	22.95	NA
	9/24/2003	13.11	13.07	0.04	21.99	Trace
	12/26/2003	12.10	NP	-	22.97	NA
	3/30/2004	12.34	11.78	0.56	23.18	NA
	6/24/2004	12.57	NP	-	22.50	NA
	9/27/2004	12.58	NP	-	22.49	NA
	12/14/2004	12.38	NP	-	22.69	NA
	3/7/2005	12.32	NP	-	22.75	NA
	6/20/2005	12.02	NP	-	23.05	NA
	9/19/2005	12.95	12.93	0.02	22.14	0.003
	12/12/2005	11.89	NP	-	23.18	NA
	3/13/2006	11.27	NP	-	23.80	NA
	6/26/2006	11.96	NP	-	23.11	NA
	9/25/2006	13.05	Trace	-	22.02	NA
	12/11/2006	11.70	NP	-	23.37	NA
	3/19/2007	**11.16**	**NP**	**-**	**23.91**	**NA**
GPW-5	12/12/2000	NM	NM	NM	NM	-
(34.85)	2/20/2001	12.02	NP	-	22.83	NA
	4/3/2001	NM	NM	NM	NM	-
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	NM	NM	NM	NM	-
	9/19/2001	12.79	NP	-	22.06	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	10.72	NP	-	24.13	NA
	6/4/2002	11.66	NP	-	23.19	NA
	9/23/2002	12.46	NP	-	22.39	NA
	12/19/2002	11.96	NP	-	22.89	NA
	3/19/2003	10.97	NP	-	23.88	NA
	6/24/2003	11.80	NP	-	23.05	NA
	9/24/2003	12.92	NP	-	21.93	NA
	12/26/2003	11.64	NP	-	23.21	NA
	3/30/2004	11.57	NP	-	23.28	NA
	6/24/2004	12.21	NP	-	22.64	NA
	9/27/2004	12.21	NP	-	22.64	NA
	12/14/2004	12.05	NP	-	22.80	NA
	3/7/2005	12.04	NP	-	22.81	NA
	6/20/2005	11.72	NP	-	23.13	NA
	9/19/2005	12.70	NP	-	22.15	NA
	12/12/2005	11.56	NP	-	23.29	NA
	3/13/2006	10.84	NP	-	24.01	NA
	6/26/2006	11.68	NP	-	23.17	NA
	9/25/2006	12.81	NP	-	22.04	NA
	12/11/2006	11.42	Trace	-	23.43	NA
	3/19/2007	-	-	-	-	-

COPPOR00007631

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
EX-1	2/14/2000	15.55	NP	-	18.60	NA
(34.15)	5/22/2000	18.29	NP	-	15.86	NA
	8/22/2000	16.56	NP	-	17.59	NA
	11/27/2000	16.86	NP	-	17.29	NA
	2/20/2001	16.66	NP	-	17.49	NA
	5/15/2001	16.62	NP	-	17.53	NA
	9/19/2001	Covered by Facility Equipment				
	12/22/2001	Covered by Facility Equipment				
	3/15/2002	15.34	NP	-	18.81	NA
	9/23/2002	16.88	NP	-	17.27	NA
	12/19/2002	16.99	NP	-	17.16	NA
	3/19/2003	15.65	NP	-	18.50	NA
	6/24/2003	15.98	NP	-	18.17	NA
	9/24/2003	Could Not Access				
	12/26/2003	Could Not Access				
	3/30/2004	Could Not Access				
	6/24/2004	16.35	NP	-	17.80	NA
	9/27/2004	Could Not Access				
	12/14/2004	16.66	NP	-	17.49	NA
	3/7/2005	16.52	NP	-	17.63	NA
	6/20/2005	16.20	NP	-	17.95	NA
	9/19/2005	16.86	NP	-	17.29	NA
	12/12/2005	16.19	NP	-	17.96	NA
	3/13/2006	15.03	NP	-	19.12	NA
	6/26/2006	15.86	NP	-	18.29	NA
	9/25/2006	16.23	NP	-	17.92	NA
	12/11/2006	15.43	NP	-	18.72	NA
	3/19/2007	**14.98**	**NP**	**-**	**19.17**	**NA**

NOTES:
Wells B-8 and B-31 were abandoned after first quarter 2000
NP = No measurable product
NA = Not Applicable
NM = Not Measured
NR = None Recovered
* = SPH Recovered for latest quarter monitored
** = Well Contains a Sock for Product Recovery
*** = Product Recovery Part of Chevron Ethanol Study
E = 3/4 inch-diameter well/ SPH thickness estimated with bailer
- = No measurable product thickness
Groundwater elevations for wells with product thicknesses have been corrected using 0.8
GWE = TOC -(DTW - (0.8 x DTP - DTW)) Where 0.8 = The density of the SPH

COPPOR00007632

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-1	2/14/2000	3.76	NP	-	31.67	NA
(35.43)	5/22/2000	4.72	NP	-	30.71	NA
	8/23/2000	7.52	NP	-	27.91	NA
	11/28/2000	7.43	NP	-	28.00	NA
	2/21/2001	6.32	NP	-	29.11	NA
	5/15/2001	6.33	NP	-	29.10	NA
	9/19/2001	8.40	NP	-	27.03	NA
	12/19/2001	3.92	NP	-	31.51	NA
	3/13/2002	3.80	NP	-	31.63	NA
	6/24/2002	6.56	NP	-	28.87	NA
	9/26/2002	8.15	NP	-	27.28	NA
	12/20/2002	5.32	NP	-	30.11	NA
	3/17/2003	3.81	NP	-	31.62	NA
	6/26/2003	6.19	NP	-	29.24	NA
	9/24/2003	8.04	NP	-	27.39	NA
	12/30/2003	4.02	NP	-	31.41	NA
	3/29/2004	4.45	NP	-	30.98	NA
	6/29/2004	6.84	NP	-	28.59	NA
	9/27/2004	7.32	NP	-	28.11	NA
	12/14/2004	5.31	NP	-	30.12	NA
	3/7/2005	6.81	NP	-	28.62	NA
	6/20/2005	5.60	NP	-	29.83	NA
	9/19/2005	7.62	NP	-	27.81	NA
	12/12/2005	4.99	NP	-	30.44	NA
	3/13/2006	3.60	NP	-	31.83	NA
	6/27/2006	5.49	NP	-	29.94	NA
	9/25/2006	7.53	NP	-	27.90	NA
	12/11/2006	4.48	NP	-	30.95	NA
	3/19/2007	**4.05**	**NP**	-	**31.38**	**NA**
	4/20/2007	**4.29**	**NP**		**31.14**	**NA**
MW-2	2/14/2000	5.59	NP	-	30.18	NA
(35.77)	5/22/2000	6.74	NP	-	29.03	NA
	8/23/2000	8.44	NP	-	27.33	NA
	11/28/2000	9.15	NP	-	26.62	NA
	2/21/2001	8.29	NP	-	27.48	NA
	5/15/2001	8.11	NP	-	27.66	NA
	9/19/2001	9.93	NP	-	25.84	NA
	12/19/2001	6.02	NP	-	29.75	NA
	3/13/2002	5.51	NP	-	30.26	NA
	6/24/2002	7.67	NP	-	28.10	NA
	9/26/2002	9.41	NP	-	26.36	NA
	12/20/2002	9.32	NP	-	26.45	NA
	3/17/2003	5.85	NP	-	29.92	NA
	6/26/2003	7.34	NP	-	28.43	NA
	9/24/2003	9.33	NP	-	26.44	NA
	12/30/2003	6.79	NP	-	28.98	NA
	3/29/2004	6.35	NP	-	29.42	NA
	6/29/2004	8.11	NP	-	27.66	NA
	9/27/2004	9.13	NP	-	26.64	NA
	12/14/2004	8.47	NP	-	27.30	NA
	3/7/2005	8.40	NP	-	27.37	NA
	6/20/2005	7.27	NP	-	28.50	NA
	9/19/2005	9.09	NP	-	26.68	NA
	12/12/2005	7.42	NP	-	28.35	NA
	3/13/2006	5.75	NP	-	30.02	NA
	6/27/2006	7.15	NP	-	28.62	NA
	9/25/2006	9.09	NP	-	26.68	NA
	12/11/2006	6.57	NP	-	29.20	NA
	3/19/2007	**5.89**	**NP**	-	**29.88**	**NA**
	4/20/2007	**6.37**	**NP**		**29.40**	**NA**

COPPOR00007633

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-3	2/14/2000	7.02	NP	-	29.00	NA
(36.02)	5/22/2000	8.04	NP	-	27.98	NA
	8/23/2000	9.58	NP	-	26.44	NA
	11/28/2000	10.22	NP	-	25.80	NA
	2/21/2001	9.49	NP	-	26.53	NA
	5/15/2001	9.33	NP	-	26.69	NA
	9/19/2001	10.96	NP	-	25.06	NA
	12/19/2001	7.55	NP	-	28.47	NA
	3/13/2002	7.10	NP	-	28.92	NA
	6/24/2002	8.93	NP	-	27.09	NA
	9/26/2002	10.47	NP	-	25.55	NA
	12/20/2002	10.63	NP	-	25.39	NA
	3/17/2003	7.29	NP	-	28.73	NA
	6/26/2003	8.65	NP	-	27.37	NA
	9/24/2003	10.38	NP	-	25.64	NA
	12/30/2003	8.21	NP	-	27.81	NA
	3/29/2004	7.69	NP	-	28.33	NA
	6/29/2004	9.34	NP	-	26.68	NA
	9/27/2004	10.28	NP	-	25.74	NA
	12/14/2004	9.73	NP	-	26.29	NA
	3/7/2005	9.56	NP	-	26.46	NA
	6/20/2005	8.55	NP	-	27.47	NA
	9/19/2005	10.18	NP	-	25.84	NA
	12/12/2005	8.67	NP	-	27.35	NA
	3/13/2006	7.15	NP	-	28.87	NA
	6/27/2006	8.43	NP	-	27.59	NA
	9/25/2006	10.19	NP	-	25.83	NA
	12/11/2006	7.95	NP	-	28.07	NA
	3/19/2007	**7.20**	**NP**	**-**	**28.82**	**NA**
	4/20/2007	**7.68**	**NP**		**28.34**	**NA**
MW-4	2/14/2000	6.36	NP	-	30.03	NA
(36.39)	5/22/2000	7.54	NP	-	28.85	NA
	8/23/2000	9.18	NP	-	27.21	NA
	11/28/2000	9.83	NP	-	26.56	NA
	2/21/2001	9.07	NP	-	27.32	NA
	5/15/2001	8.93	NP	-	27.46	NA
	9/19/2001	10.59	NP	-	25.80	NA
	12/19/2001	6.98	NP	-	29.41	NA
	3/13/2002	6.42	NP	-	29.97	NA
	6/24/2002	8.49	NP	-	27.90	NA
	9/26/2002	10.10	NP	-	26.29	NA
	12/20/2002	10.21	NP	-	26.18	NA
	3/17/2003	6.57	NP	-	29.82	NA
	6/26/2003	8.15	NP	-	28.24	NA
	9/24/2003	10.00	NP	-	26.39	NA
	12/30/2003	7.65	NP	-	28.74	NA
	3/29/2004	7.07	NP	-	29.32	NA
	6/29/2004	8.88	NP	-	27.51	NA
	9/27/2004	9.89	NP	-	26.50	NA
	12/14/2004	9.29	NP	-	27.10	NA
	3/7/2005	9.10	NP	-	27.29	NA
	6/20/2005	8.03	NP	-	28.36	NA
	9/19/2005	9.78	NP	-	26.61	NA
	12/12/2005	8.15	NP	-	28.24	NA
	3/13/2006	6.40	NP	-	29.99	NA
	6/27/2006	7.91	NP	-	28.48	NA
	9/25/2006	9.76	NP	-	26.63	NA
	12/11/2006	7.30	NP	-	29.09	NA
	3/19/2007	**6.48**	**NP**	**-**	**29.91**	**NA**
	4/20/2007	**7.02**	**NP**		**29.37**	**NA**

COPPOR00007634

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-5	2/14/2000	6.02	NP	-	27.50	NA
(33.52)	5/22/2000	6.64	NP	-	26.88	NA
	8/23/2000	8.28	NP	-	25.24	NA
	11/28/2000	5.79	NP	-	27.73	NA
	2/21/2001	8.27	NP	-	25.25	NA
	5/15/2001	6.02	sheen	-	27.50	NA
	9/18/2001	9.77	NP	-	23.75	NA
	12/19/2001	6.39	NP	-	27.13	NA
	3/13/2002	6.09	NP	-	27.43	NA
	6/24/2002	7.24	NP	-	26.28	NA
	9/26/2002	9.30	NP	-	24.22	NA
	12/20/2002	8.21	NP	-	25.31	NA
	3/17/2003	5.85	NP	-	27.67	NA
	6/26/2003	7.22	NP	-	26.30	NA
	9/24/2003	9.19	NP	-	24.33	NA
	12/30/2003	7.00	NP	-	26.52	NA
	3/29/2004	6.30	NP	-	27.22	NA
	6/29/2004	8.11	NP	-	25.41	NA
	9/27/2004	9.11	NP	-	24.41	NA
	12/14/2004	8.45	NP	-	25.07	NA
	3/7/2005	8.33	NP	-	25.19	NA
	6/20/2005	7.12	NP	-	26.40	NA
	9/19/2005	9.18	NP	-	24.34	NA
	12/12/2005	7.90	NP	-	25.62	NA
	3/13/2006	5.90	NP	-	27.62	NA
	6/27/2006	6.90	NP	-	26.62	NA
	9/25/2006	9.14	NP	-	24.38	NA
	12/11/2006	6.71	NP	-	26.81	NA
	3/19/2007	**5.74**	**NP**	-	**27.78**	**NA**
	4/20/2007	**6.25**	**NP**		**27.27**	**NA**
MW-6	2/14/2000	3.72	3.69	0.03	29.64	2.0
(33.34)	5/22/2000	4.70	NP	-	28.64	NA
	8/23/2000	6.24	NP	-	27.10	NA
	11/28/2000	6.98	NP	-	26.36	0.1
	2/21/2001	6.21	sheen	-	27.13	NA
	5/15/2001	8.10	NP	-	25.24	NA
	9/18/2001	7.71	7.66	0.05	25.67	NA
	12/19/2001	4.05	NP	-	29.29	0.06
	3/13/2002	3.70	sheen	-	29.64	NA
	6/24/2002	5.56	NP	-	27.78	NA
	9/26/2002	7.19	NP	-	26.15	NA
	12/20/2002	7.32	sheen	-	26.02	NA
	3/17/2003	3.87	NP	-	29.47	NA
	6/26/2003	5.20	NP	-	28.14	NA
	9/24/2003	7.09	NP	-	26.25	NA
	12/30/2003	4.80	NP	-	28.54	NA
	3/29/2004	4.29	NP	-	29.05	NA
	6/29/2004	5.23	NP	-	28.11	NA
	9/27/2004	6.98	NP	-	26.36	NA
	12/14/2004	6.37	NP	-	26.97	NA
	3/7/2005	6.03	Sheen	-	27.31	0.1
	6/20/2005	5.15	NP	-	28.19	NA
	9/19/2005	6.92	NP	-	26.42	NA
	12/12/2005	5.45	Sheen	-	27.89	NA
	3/13/2006	4.10	3.88	0.22	29.42	0
	6/27/2006	5.06	NP	-	28.28	NA
	9/25/2006	7.00	NP	-	26.34	NA
	12/11/2006	4.56	NP	-	28.78	0.2
	3/19/2007	**4.01**	**3.98**	**0.03**	**29.35**	**0.35**
	4/20/2007	**4.35**	**4.32**	0.03	**29.01**	**NA**

COPPOR00007635

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-7	2/14/2000	8.74	8.54	0.20	25.54	3.7
(34.12)	5/22/2000	9.95	8.92	1.03	24.99	11
	8/23/2000	NM	NM	-	NA	2
	11/28/2000	10.94	10.35	0.59	23.65	2.2
	2/21/2001	10.37	10.01	0.36	24.04	1.9
	5/15/2001	10.27	10.00	0.27	24.07	1.75
	9/19/2001	11.04	11.00	0.04	23.11	0.8
	12/19/2001	9.05	8.78	0.27	25.29	1.1
	3/13/2002	9.11	8.30	0.81	25.66	4.5
	6/24/2002	10.38	9.48	0.90	24.46	3.3
	9/26/2002	11.32	10.53	0.79	23.43	2.65
	12/23/2002	11.05	10.82	0.23	23.25	1.10
	3/17/2003	9.18	8.45	0.73	25.52	1.55
	6/26/2003	10.03	9.28	0.75	24.69	1.25
	9/24/2003	11.17	10.46	0.71	23.52	1.00
	12/30/2003	9.83	9.47	0.36	24.58	1.00
	3/29/2004	9.35	8.62	0.73	25.35	1.00
	6/29/2004	10.36	9.80	0.56	24.21	1.00
	9/27/2004	10.97	10.61	0.36	23.44	0.20
	12/14/2004	10.75	10.30	0.45	23.73	1.95
	3/7/2005	10.25	9.98	0.27	24.09	2.5
	6/20/2005	9.89	9.19	0.70	24.79	0.9
	9/19/2005	10.90	10.45	0.45	23.58	1.75
	12/12/2005	9.82	9.50	0.32	24.56	1.05
	3/13/2006	8.35	8.00	0.35	26.05	1.00
	6/27/2006	9.45	9.04	0.41	25.00	NA
	9/25/2006	11.07	9.45	1.62	24.35	2.30
	12/11/2006	9.10	8.92	0.18	25.16	0.60
	3/19/2007	**8.40**	**8.24**	**0.16**	**25.85**	**0.60**
	4/20/2007	**8.68**	**8.52**	**0.16**	**25.57**	**NA**
MW-8	2/14/2000	7.18	NP	-	26.77	NA
(33.95)	5/22/2000	8.00	NP	-	25.95	NA
	8/23/2000	9.26	NP	-	24.69	NA
	11/28/2000	9.91	NP	-	24.04	NA
	2/21/2001	9.40	NP	-	24.55	NA
	5/15/2001	9.30	NP	-	24.65	NA
	9/19/2001	10.49	NP	-	23.46	NA
	12/19/2001	8.42	NP	-	25.53	NA
	3/13/2002	7.38	NP	-	26.57	NA
	6/24/2002	8.81	NP	-	25.14	NA
	9/26/2002	10.15	NP	-	23.80	NA
	12/20/2002	10.50	NP	-	23.45	NA
	3/17/2003	7.48	NP	-	26.47	NA
	6/26/2003	8.61	NP	-	25.34	NA
	9/24/2003	10.10	NP	-	23.85	NA
	12/30/2003	8.74	NP	-	25.21	NA
	3/29/2004	8.74	NP	-	25.21	NA
	6/29/2004	9.19	NP	-	24.76	NA
	9/27/2004	10.12	NP	-	23.83	NA
	12/14/2004	9.74	NP	-	24.21	NA
	3/7/2005	9.34	NP	-	24.61	NA
	6/20/2005	8.48	NP	-	25.47	NA
	9/19/2005	9.86	NP	-	24.09	NA
	12/12/2005	8.73	NP	-	25.22	NA
	3/13/2006	6.96	NP	-	26.99	NA
	6/27/2006	8.43	NP	-	25.52	NA
	9/25/2006	9.92	NP	-	24.03	NA
	12/11/2006	7.95	NP	-	26.00	NA
	3/19/2007	**7.00**	**NP**	**-**	**26.95**	**NA**

COPPOR00007636

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-9	2/14/2000	9.66	NP	-	26.87	NA
(36.53)	5/22/2000	10.24	NP	-	26.29	NA
	8/23/2000	11.42	NP	-	25.11	NA
	11/28/2000	12.18	NP	-	24.35	NA
	2/21/2001	11.85	NP	-	24.68	NA
	5/15/2001	11.83	NP	-	24.70	NA
	9/19/2001	12.86	NP	-	23.67	NA
	12/19/2001	11.87	NP	-	24.66	NA
	3/13/2002	10.30	NP	-	26.23	NA
	6/24/2002	11.21	NP	-	25.32	NA
	9/26/2002	11.43	NP	-	25.10	NA
	12/23/2002	12.97	NP	-	23.56	NA
	3/17/2003	10.62	NP	-	25.91	NA
	6/26/2003	10.86	NP	-	25.67	NA
	9/24/2003	12.27	NP	-	24.26	NA
	12/30/2003	11.77	NP	-	24.76	NA
	3/29/2004	10.39	NP	-	26.14	NA
	6/29/2004	11.58	NP	-	24.95	NA
	9/27/2004	12.56	NP	-	23.97	NA
	12/14/2004	12.42	NP	-	24.11	NA
	3/7/2005	11.71	NP	-	24.82	NA
	6/20/2005	10.95	NP	-	25.58	NA
	9/19/2005	12.22	NP	-	24.31	NA
	12/12/2005	11.34	NP	-	25.19	NA
	3/13/2006	9.45	NP	-	27.08	NA
	6/27/2006	10.64	NP	-	25.89	NA
	9/25/2006	12.10	NP	-	24.43	NA
	12/11/2006	10.47	NP	-	26.06	NA
	3/19/2007	9.33	NP	-	27.20	NA
MW-10	2/14/2000	8.46	NP	-	27.36	NA
(35.82)	5/22/2000	5.59	NP	-	30.23	NA
	8/23/2000	11.21	NP	-	24.61	NA
	11/28/2000	11.86	NP	-	23.96	NA
	2/21/2001	11.16	NP	-	24.66	NA
	5/15/2001	11.04	NP	-	24.78	NA
	9/19/2001	12.59	NP	-	23.23	NA
	12/19/2001	9.42	NP	-	26.40	NA
	3/13/2002	8.58	NP	-	27.24	NA
	6/24/2002	10.54	NP	-	25.28	NA
	9/26/2002	12.12	NP	-	23.70	NA
	12/23/2002	12.14	NP	-	23.68	NA
	3/17/2003	8.78	NP	-	27.04	NA
	6/26/2003	10.24	NP	-	25.58	NA
	9/24/2003	12.02	NP	-	23.80	NA
	12/30/2003	9.98	NP	-	25.84	NA
	3/29/2004	9.26	NP	-	26.56	NA
	6/29/2004	10.98	NP	-	24.84	NA
	9/27/2004	12.00	NP	-	23.82	NA
	12/14/2004	11.38	NP	-	24.44	NA
	3/7/2005	11.19	NP	-	24.63	NA
	6/20/2005	10.13	NP	-	25.69	NA
	9/19/2005	11.84	NP	-	23.98	NA
	12/12/2005	10.29	NP	-	25.53	NA
	3/13/2006	8.35	NP	-	27.47	NA
	6/27/2006	9.98	NP	-	25.84	NA
	9/25/2006	11.80	NP	-	24.02	NA
	12/11/2006	9.49	NP	-	26.33	NA
	3/19/2007	8.57	NP	-	27.25	NA

COPPOR00007637

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-11	2/14/2000	5.04	NP	-	31.43	NA
(36.47)	5/22/2000	3.11	NP	-	33.36	NA
	8/23/2000	7.97	NP	-	28.50	NA
	11/28/2000	7.66	NP	-	28.81	NA
	2/21/2001	7.48	NP	-	28.99	NA
	5/15/2001	7.30	NP	-	29.17	NA
	9/19/2001	9.29	NP	-	27.18	NA
	12/19/2001	5.44	NP	-	31.03	NA
	3/13/2002	5.23	NP	-	31.24	NA
	6/24/2002	7.71	NP	-	28.76	NA
	9/26/2002	9.01	NP	-	27.46	NA
	12/23/2002	7.07	NP	-	29.40	NA
	3/17/2003	5.72	NP	-	30.75	NA
	6/26/2003	7.55	NP	-	28.92	NA
	9/24/2003	8.89	NP	-	27.58	NA
	12/30/2003	5.77	NP	-	30.70	NA
	3/29/2004	6.17	NP	-	30.30	NA
	6/29/2004	8.10	NP	-	28.37	NA
	9/27/2004	8.54	NP	-	27.93	NA
	12/14/2004	6.56	NP	-	29.91	NA
	3/7/2005	7.90	NP	-	28.57	NA
	6/20/2005	6.69	NP	-	29.78	NA
	9/19/2005	8.69	NP	-	27.78	NA
	12/12/2005	6.49	NP	-	29.98	NA
	3/13/2006	5.35	NP	-	31.12	NA
	6/26/2006	6.68	NP	-	29.79	NA
	9/25/2006	8.68	NP	-	27.79	NA
	12/11/2006	9.11	NP	-	27.36	NA
	3/19/2007	**5.71**	**NP**	-	**30.76**	**NA**
MW-12	2/14/2000	4.99	NP	-	30.96	NA
(35.95)	5/22/2000	6.57	NP	-	29.38	NA
	8/23/2000	8.65	NP	-	27.30	NA
	11/28/2000	9.16	NP	-	26.79	NA
	2/21/2001	8.32	NP	-	27.63	NA
	5/15/2001	8.16	NP	-	27.79	NA
	9/19/2001	10.17	NP	-	25.78	NA
	12/19/2001	5.54	NP	-	30.41	NA
	3/13/2002	4.85	NP	-	31.10	NA
	6/24/2002	7.75	NP	-	28.20	NA
	9/26/2002	9.68	NP	-	26.27	NA
	12/23/2002	8.75	NP	-	27.20	NA
	3/17/2003	5.25	NP	-	30.70	NA
	6/26/2003	7.35	NP	-	28.60	NA
	9/24/2003	9.57	NP	-	26.38	NA
	12/30/2003	6.28	NP	-	29.67	NA
	3/29/2004	5.99	NP	-	29.96	NA
	6/29/2004	8.28	NP	-	27.67	NA
	9/27/2004	9.32	NP	-	26.63	NA
	12/14/2004	8.22	NP	-	27.73	NA
	3/7/2005	8.41	NP	-	27.54	NA
	6/20/2005	7.19	NP	-	28.76	NA
	9/19/2005	9.29	NP	-	26.66	NA
	12/12/2005	7.22	NP	-	28.73	NA
	3/13/2006	5.13	NP	-	30.82	NA
	6/27/2006	7.06	NP	-	28.89	NA
	9/25/2006	9.34	NP	-	26.61	NA
	12/11/2006	6.12	NP	-	29.83	NA
	3/19/2007	**5.40**	**NP**	-	**30.55**	**NA**

COPPOR00007638

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-13	2/14/2000	3.85	NP	-	34.04	NA
(37.89)	5/22/2000	5.03	NP	-	32.86	NA
	8/23/2000	7.00	NP	-	30.89	NA
	11/28/2000	6.59	NP	-	31.30	NA
	2/21/2001	6.26	NP	-	31.63	NA
	5/15/2001	6.03	NP	-	31.86	NA
	9/19/2001	8.55	NP	-	29.34	NA
	12/19/2001	3.77	NP	-	34.12	NA
	3/13/2002	3.72	NP	-	34.17	NA
	6/24/2002	6.56	NP	-	31.33	NA
	9/26/2002	8.16	NP	-	29.73	NA
	12/23/2002	5.71	NP	-	32.18	NA
	3/17/2003	4.13	NP	-	33.76	NA
	6/26/2003	6.39	NP	-	31.50	NA
	9/24/2003	8.27	NP	-	29.62	NA
	12/30/2003	4.00	NP	-	33.89	NA
	3/29/2004	4.80	NP	-	33.09	NA
	6/29/2004	7.00	NP	-	30.89	NA
	9/27/2004	7.45	NP	-	30.44	NA
	12/14/2004	5.39	NP	-	32.50	NA
	3/7/2005	6.62	NP	-	31.27	NA
	6/20/2005	5.63	NP	-	32.26	NA
	9/19/2005	7.77	NP	-	30.12	NA
	12/12/2005	5.23	NP	-	32.66	NA
	3/13/2006	4.08	NP	-	33.81	NA
	6/27/2006	5.87	NP	-	32.02	NA
	9/25/2006	7.61	NP	-	30.28	NA
	12/11/2006	5.55	NP	-	32.34	NA
	3/19/2007	**4.43**	**NP**	-	**33.46**	**NA**
MW-14	2/14/2000	2.73	NP	-	33.55	NA
(36.28)	5/22/2000	4.50	NP	-	31.78	NA
	8/23/2000	6.55	NP	-	29.73	NA
	11/28/2000	6.36	NP	-	29.92	NA
	2/21/2001	5.65	NP	-	30.63	NA
	5/15/2001	4.67	NP	-	31.61	NA
	9/19/2001	7.71	NP	-	28.57	NA
	12/19/2001	3.10	NP	-	33.18	NA
	3/13/2002	2.84	NP	-	33.44	NA
	6/24/2002	5.90	NP	-	30.38	NA
	9/26/2002	7.45	NP	-	28.83	NA
	12/23/2002	5.39	NP	-	30.89	NA
	3/17/2003	3.17	NP	-	33.11	NA
	6/26/2003	5.54	NP	-	30.74	NA
	9/24/2003	7.47	NP	-	28.81	NA
	12/30/2003	3.52	NP	-	32.76	NA
	3/29/2004	3.92	NP	-	32.36	NA
	6/29/2004	6.38	NP	-	29.90	NA
	9/27/2004	6.82	NP	-	29.46	NA
	12/14/2004	5.21	NP	-	31.07	NA
	3/7/2005	5.97	NP	-	30.31	NA
	6/20/2005	5.05	NP	-	31.23	NA
	9/19/2005	7.12	NP	-	29.16	NA
	12/12/2005	4.77	NP	-	31.51	NA
	3/13/2006	3.18	NP	-	33.10	NA
	6/27/2006	5.17	NP	-	31.11	NA
	9/25/2006	7.10	NP	-	29.18	NA
	12/11/2006	3.81	NP	-	32.47	NA
	3/19/2007	**3.44**	**NP**	-	**32.84**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-15	2/14/2000	4.09	NP	-	33.41	NA
(37.50)	5/22/2000	5.80	NP	-	31.70	NA
	8/23/2000	9.21	NP	-	28.29	NA
	11/28/2000	8.90	NP	-	28.60	NA
	2/21/2001	7.46	NP	-	30.04	NA
	5/15/2001	7.80	NP	-	29.70	NA
	9/18/2001	10.46	NP	-	27.04	NA
	12/19/2001	4.03	NP	-	33.47	NA
	3/13/2002	4.14	NP	-	33.36	NA
	6/24/2002	7.93	NP	-	29.57	NA
	9/26/2002	10.13	NP	-	27.37	NA
	12/23/2002	5.72	sheen	-	31.78	NA
	3/17/2003	3.62	NP	-	33.88	NA
	6/26/2003	7.25	NP	-	30.25	NA
	9/24/2003	10.02	NP	-	27.48	NA
	12/30/2003	4.07	NP	-	33.43	NA
	3/29/2004	5.09	NP	-	32.41	NA
	6/29/2004	8.50	NP	-	29.00	NA
	9/27/2004	9.01	NP	-	28.49	NA
	12/14/2004	6.25	NP	-	31.25	NA
	3/7/2005	7.99	NP	-	29.51	NA
	6/20/2005	6.71	NP	-	30.79	NA
	9/19/2005	9.54	NP	-	27.96	NA
	12/12/2005	5.66	NP	-	31.84	NA
	3/13/2006	3.99	NP	-	33.51	NA
	6/27/2006	6.68	NP	-	30.82	NA
	9/25/2006	9.51	NP	-	27.99	NA
	12/11/2006	5.21	NP	-	32.29	NA
	3/19/2007	**4.49**	**NP**	**-**	**33.01**	**NA**
MW-16	2/14/2000	3.44	NP	-	31.49	NA
(34.93)	5/22/2000	4.98	NP	-	29.95	NA
	8/23/2000	6.99	NP	-	27.94	NA
	11/28/2000	7.51	NP	-	27.42	NA
	2/21/2001	6.60	NP	-	28.33	NA
	5/15/2001	6.51	NP	-	28.42	NA
	9/19/2001	8.48	NP	-	26.45	NA
	12/19/2001	3.99	NP	-	30.94	NA
	3/13/2002	3.35	NP	-	31.58	NA
	6/24/2002	5.11	NP	-	29.82	NA
	9/26/2002	6.02	NP	-	28.91	NA
	12/23/2002	7.09	NP	-	27.84	NA
	3/17/2003	3.63	NP	-	31.30	NA
	6/26/2003	5.60	NP	-	29.33	NA
	9/24/2003	8.95	NP	-	25.98	NA
	12/30/2003	4.71	NP	-	30.22	NA
	3/29/2004	4.37	NP	-	30.56	NA
	6/29/2004	6.54	NP	-	28.39	NA
	9/27/2004	7.63	NP	-	27.30	NA
	12/14/2004	6.60	NP	-	28.33	NA
	3/7/2005	6.67	NP	-	28.26	NA
	6/20/2005	5.53	NP	-	29.40	NA
	9/19/2005	7.59	NP	-	27.34	NA
	12/12/2005	5.56	NP	-	29.37	NA
	3/13/2006	3.60	NP	-	31.33	NA
	6/27/2006	5.44	NP	-	29.49	NA
	9/25/2006	7.60	NP	-	27.33	NA
	12/11/2006	4.52	NP	-	30.41	NA
	3/19/2007	**3.83**	**NP**	**-**	**31.10**	**NA**
	4/20/2007	**4.41**	**NP**		**30.52**	**NA**

COPPOR00007640

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-17	2/14/2000	4.22	NP	-	31.83	NA
(36.05)	5/22/2000	4.70	NP	-	31.35	NA
	8/23/2000	5.91	NP	-	30.14	NA
	11/28/2000	5.82	NP	-	30.23	NA
	2/21/2001	5.46	NP	-	30.59	NA
	5/15/2001	5.26	NP	-	30.79	NA
	9/18/2001	6.84	NP	-	29.21	NA
	12/19/2001	4.67	NP	-	31.38	NA
	3/13/2002	4.17	NP	-	31.88	NA
	6/24/2002	5.31	NP	-	30.74	NA
	9/26/2002	6.62	NP	-	29.43	NA
	3/17/2003	4.40	NP	-	31.65	NA
	6/26/2003	5.22	NP	-	30.83	NA
	9/24/2003	6.57	NP	-	29.48	NA
	12/30/2003	4.61	NP	-	31.44	NA
	3/29/2004	4.45	NP	-	31.60	NA
	6/29/2004	5.25	NP	-	30.80	NA
	9/27/2004	5.96	NP	-	30.09	NA
	12/14/2004	Unable to Access, Due to Fuel Transfer Activities				
	3/7/2005	5.43	NP	-	30.62	NA
	6/20/2005	4.90	NP	-	31.15	NA
	9/19/2005	6.18	NP	-	29.87	NA
	12/12/2005	5.03	NP	-	31.02	NA
	3/13/2006	4.31	NP	-	31.74	NA
	6/27/2006	4.91	Sheen	-	31.14	NA
	9/25/2006	6.22	NP	-	29.83	NA
	12/11/2006	4.42	NP	-	31.63	NA
	3/19/2007	**4.35**	**NP**	**-**	**31.70**	**NA**
	4/20/2007	**4.48**	**NP**		**31.57**	**NA**
MW-18	2/14/2000	0.87	NP	-	32.89	NA
(33.76)	5/22/2000	2.15	NP	-	31.61	NA
	8/23/2000	3.62	sheen	-	30.14	NA
	11/28/2000	3.55	NP	-	30.21	0.1
	2/21/2001	3.10	NP	-	30.66	0.1
	5/15/2001	2.83	NP	-	30.93	0.1
	9/18/2001	4.68	4.66	0.02	29.10	NA
	12/19/2001	0.25	NP	-	33.51	NA
	3/13/2002	0.97	sheen	-	32.79	NA
	6/24/2002	3.03	NP	-	30.73	NA
	9/26/2002	4.32	NP	-	29.44	NA
	12/20/2002	2.83	NP	-	30.93	NA
	3/17/2003	1.48	NP	-	32.28	NA
	6/26/2003	2.76	NP	-	31.00	NA
	9/24/2003	4.31	NP	-	29.45	NA
	12/30/2003	1.20	NP	-	32.56	NA
	3/29/2004	1.71	NP	-	32.05	NA
	6/29/2004	2.98	NP	-	30.78	NA
	9/27/2004	3.74	NP	-	30.02	NA
	12/14/2004	Unable to Access, Due to Fuel Transfer Activities				
	3/7/2005	3.04	NP	-	30.72	NA
	6/20/2005	2.48	NP	-	31.28	NA
	9/19/2005	3.94	NP	-	29.82	NA
	12/12/2005	2.39	NP	-	31.37	NA
	3/13/2005	1.41	NP	-	32.35	NA
	6/27/2006	2.45	NP	-	31.31	NA
	9/25/2006	Cannot locate well				
	12/11/2006	Cannot locate well				
	3/19/2007	**Cannot locate well**				
	4/20/2007	**Cannot locate well**				

COPPOR00007641

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-19	2/14/2000	2.82	NP	-	30.57	NA
(33.39)	5/22/2000	4.62	4.59	0.03	28.79	NA
	8/23/2000	5.89	5.88	0.01	27.51	NA
	11/28/2000	5.91	NP	-	27.48	0.3
	2/21/2001	5.03	sheen	-	28.36	0.1
	5/15/2001	4.09	sheen	-	29.30	NA
	9/18/2001	7.27	7.23	0.04	26.15	NA
	12/19/2001	2.72	NP	-	30.67	NA
	3/13/2002	2.84	sheen	-	30.55	NA
	6/24/2002	4.61	NP	-	28.78	NA
	9/26/2002	6.42	NP	-	26.97	NA
	12/20/2002	5.06	NP	-	28.33	NA
	3/17/2003	2.59	NP	-	30.80	NA
	6/26/2003	3.42	NP	-	29.97	NA
	9/24/2003	6.51	6.48	0.03	26.90	0.2
	12/30/2003	2.84	NP	-	30.55	NA
	3/29/2004	3.32	NP	-	30.07	NA
	6/29/2004	5.34	Sheen	-	28.05	NA
	9/27/2004	6.04	Sheen	-	27.35	NA
	12/14/2004	4.18	NP	-	29.21	0.1
	3/7/2005	4.78	4.77	0.01	28.62	0.1
	6/20/2005	3.21	Sheen	-	30.18	NA
	9/19/2005	6.27	Sheen	-	27.12	NA
	12/12/2005	3.94	NP	-	29.45	NA
	3/13/2006	2.70	Sheen	-	30.69	0
	6/27/2006	3.39	Sheen	-	30.00	0
	9/25/2006	6.15	Sheen	-	27.24	0
	12/11/2006	3.08	NP	-	30.31	0
	3/19/2007	**2.85**	**sheen**	**-**	**30.54**	**0**
	4/20/2007	**3.08**	**SHEEN**		**30.31**	**NA**
MW-20	2/14/2000	9.80	NP	-	24.96	NA
(34.76)	5/22/2000	10.23	NP	-	24.53	NA
	8/23/2000	11.47	NP	-	23.29	NA
	11/28/2000	11.45	NP	-	23.31	NA
	2/21/2001	11.21	NP	-	23.55	NA
	5/15/2001	11.20	NP	-	23.56	NA
	9/18/2001	12.48	NP	-	22.28	NA
	12/19/2001	10.21	NP	-	24.55	NA
	3/13/2002	9.80	NP	-	24.96	NA
	6/24/2002	10.71	NP	-	24.05	NA
	9/26/2002	12.11	NP	-	22.65	NA
	12/20/2002	11.91	NP	-	22.85	NA
	3/17/2003	9.80	NP	-	24.96	NA
	6/26/2003	10.83	NP	-	23.93	NA
	9/24/2003	12.12	NP	-	22.64	NA
	12/30/2003	10.61	NP	-	24.15	NA
	3/29/2004	10.27	NP	-	24.49	NA
	6/29/2004	11.31	NP	-	23.45	NA
	9/27/2004	11.94	NP	-	22.82	NA
	12/14/2004	11.48	NP	-	23.28	NA
	3/7/2005	11.34	NP	-	23.42	NA
	6/20/2005	10.58	NP	-	24.18	NA
	9/19/2005	12.05	NP	-	22.71	NA
	12/12/2005	11.28	NP	-	23.48	NA
	3/13/2006	9.54	NP	-	25.22	NA
	6/27/2006	10.45	NP	-	24.31	NA
	9/25/2006	12.01	NP	-	22.75	NA
	12/11/2006	10.27	NP	-	24.49	NA
	3/19/2007	**9.47**	**NP**	**-**	**25.29**	**NA**
	4/20/2007	**10.00**	**NP**		**24.76**	**NA**

COPPOR00007642

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-21	2/14/2000	1.26	NP	-	33.07	NA
(34.33)	5/22/2000	1.62	NP	-	32.71	NA
	8/23/2000	2.38	NP	-	31.95	NA
	11/28/2000	1.80	NP	-	32.53	NA
	2/21/2001	1.64	NP	-	32.69	NA
	5/15/2001	1.59	NP	-	32.74	NA
	9/18/2001	3.01	NP	-	31.32	NA
	12/19/2001	0.27	NP	-	34.06	NA
	3/13/2002	0.99	NP	-	33.34	NA
	6/24/2002	1.95	NP	-	32.38	NA
	9/26/2002	3.65	NP	-	30.68	NA
	12/20/2002	2.05	NP	-	32.28	NA
	3/17/2003	Unable to Locate				
	6/26/2003	Unable to Access, Covered by Steel Plate				
	9/24/2003	Unable to Access, Covered by Steel Plate				
	12/30/2003	Unable to Access, Covered by Steel Plate				
	3/29/2004	Unable to Access, Covered by Gravel Pile				
	6/29/2004	Unable to Access, Covered by Gravel Pile				
	9/27/2004	Unable to Access, Covered by Gravel Pile				
	12/14/2004	Unable to Access, Covered by Gravel Pile				
	3/7/2005	Unable to Access, Covered by Gravel Pile				
	6/20/2005	Unable to Access, Covered by Gravel Pile				
	9/19/2005	Unable to Access, Covered by Gravel Pile				
	12/12/2005	Unable to Access, Covered by Gravel Pile				
	3/13/2006	Unable to Access, Covered by Gravel Pile				
	6/27/2006	Unable to Access, Covered by Gravel Pile				
	9/25/2006	Unable to Access, Covered by Gravel Pile				
	12/11/2006	Unable to Access, Covered by Gravel Pile				
	3/19/2007	**Unable to Access, Covered by Gravel Pile**				
MW-22	2/14/2000	2.85	NP	-	32.80	NA
(35.65)	5/22/2000	4.28	NP	-	31.37	NA
	8/23/2000	5.52	NP	-	30.13	NA
	11/28/2000	6.50	NP	-	29.15	NA
	2/21/2001	5.57	sheen	-	30.08	NA
	5/15/2001	5.29	5.28	0.01	30.37	NA
	9/19/2001	6.53	NP	-	29.12	NA
	12/19/2001	3.56	NP	-	32.09	NA
	3/13/2002	3.10	sheen	-	32.55	NA
	6/24/2002	4.89	4.88	0.01	30.77	NA
	9/26/2002	6.14	6.13	0.01	29.52	NA
	12/20/2002	6.29	NP	-	29.36	NA
	3/17/2003	3.81	sheen	-	31.84	0.01
	6/26/2003	4.56	NP	-	31.09	NA
	9/24/2003	6.00	NP	-	29.65	NA
	12/30/2003	4.60	NP	-	31.05	NA
	3/29/2004	4.09	4.08	0.01	31.56	NA
	6/29/2004	5.48	NP	-	30.17	NA
	9/27/2004	5.79	Sheen	-	29.86	NA
	12/14/2004	5.60	NP	-	30.05	NA
	3/7/2005	5.40	Sheen	-	30.25	0.1
	6/20/2005	4.81	NP	-	30.84	NA
	9/19/2005	6.03	Sheen	-	29.62	0.1
	12/12/2005	4.37	Sheen	-	31.28	NA
	3/13/2006	3.44	NP	-	32.21	NA
	6/27/2006	4.68	NP	-	30.97	NA
	9/25/2006	5.99	NP	-	29.66	NA
	12/11/2006	3.40	NP	-	32.25	NA
	3/19/2007	**3.31**	**NP**	**-**	**32.34**	**NA**

COPPOR00007643

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-23	2/14/2000	3.56	NP	-	32.50	NA
(36.06)	5/22/2000	5.63	NP	-	30.43	NA
	8/23/2000	5.82	5.82	0.00	30.24	NA
	11/28/2000	5.51	5.51	0.00	30.55	0.1
	2/21/2001	5.33	NP	-	30.73	0.1
	5/15/2001	5.01	sheen	-	31.05	NA
	9/19/2001	6.50	6.49	0.01	29.57	NA
	12/19/2001	4.19	NP	-	31.87	NA
	3/13/2002	3.99	NP	-	32.07	NA
	6/24/2002	5.44	NP	-	30.62	NA
	9/26/2002	8.21	sheen	-	27.85	NA
	12/20/2002	5.20	NP	-	30.86	NA
	3/17/2003	4.47	NP	-	31.59	NA
	6/26/2003	5.54	NP	-	30.52	NA
	9/24/2003	6.35	sheen	-	29.71	0.1
	12/30/2003	4.41	NP	-	31.65	NA
	3/29/2004	4.48	NP	-	31.58	NA
	6/29/2004	6.58	sheen	-	29.48	NA
	9/27/2004	5.91	sheen	-	30.15	NA
	12/14/2004	5.05	NP	-	31.01	NA
	3/7/2005	5.12	NP	-	30.94	NA
	6/20/2005	5.19	NP	-	30.87	NA
	9/19/2005	6.22	NP	-	29.84	NA
	12/12/2005	5.09	NP	-	30.97	NA
	3/13/2006	4.10	NP	-	31.96	NA
	6/27/2006	5.14	Sheen	-	30.92	NA
	9/25/2006	6.31	Sheen	-	29.75	0.1
	12/11/2006	4.41	NP	-	31.65	0.2
	3/19/2007	**4.31**	**NP**	-	**31.75**	**0.15**
MW-24	2/14/2000	5.00	4.50	0.50	30.55	1.0
(35.15)	5/22/2000	5.34	5.21	0.13	29.91	2.0
	8/23/2000	8.56	NP	-	26.59	NA
	11/28/2000	7.79	NP	-	27.36	0.3
	2/21/2001	7.20	7.15	0.05	27.99	0.4
	5/15/2001	5.45	sheen	-	29.70	0.1
	9/19/2001	9.55	9.54	0.01	25.61	NA
	12/19/2001	5.30	4.84	0.46	30.22	0.1
	3/13/2002	6.78	sheen	-	28.37	0.16
	6/24/2002	6.80	6.79	0.01	28.36	0.2
	9/26/2002	8.86	sheen	-	26.29	0.01
	12/20/2002	6.34	6.35	0.01	28.82	NA
	3/17/2003	4.78	4.70	0.08	30.43	0.1
	6/26/2003	6.51	sheen	-	28.64	0.02
	9/24/2003	8.35	NP	-	26.80	NA
	12/30/2003	4.80	4.60	0.2*	30.35	0.10
	3/29/2004	5.35	5.33	0.02*	29.80	NA
	6/29/2004	6.82	6.81	0.01	28.34	NA
	9/27/2004	8.58	8.56	0.02	26.59	NA
	12/14/2004	5.32	sheen	-	29.83	0.30
	3/7/2005	7.71	NP	-	27.44	0.20
	6/20/2005	5.39	5.36	0.03	29.78	0.10
	9/19/2005	-**	8.01	0.02	-**	0.20
	12/12/2005	5.94	5.89	0.05	29.25	0.30
	3/13/2006	4.60	sheen	-	30.55	0.20
	6/27/2006	-**	5.71	-	-**	NA
	9/25/2006	-**	8.80	-	-**	0.40
	12/11/2006	NM	NM	NM	NM	0.30
	3/19/2007	**4.71**	**sheen**	-	**30.44**	**0.20**
	4/20/2007	**NM**	**4.86**			

COPPOR00007644

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-25	2/14/2000	10.03	NP	-	24.70	NA
(34.73)	5/22/2000	11.66	NP	-	23.07	NA
	8/23/2000	12.20	NP	-	22.53	NA
	11/28/2000	12.34	NP	-	22.39	NA
	2/21/2001	11.97	NP	-	22.76	NA
	5/15/2001	11.91	NP	-	22.82	NA
	9/19/2001	13.12	NP	-	21.61	NA
	12/19/2001	10.45	NP	-	24.28	NA
	3/13/2002	10.35	NP	-	24.38	NA
	6/24/2002	11.38	NP	-	23.35	NA
	9/26/2002	12.77	NP	-	21.96	NA
	12/20/2002	12.14	NP	-	22.59	NA
	3/17/2003	10.38	NP	-	24.35	NA
	6/26/2003	11.60	NP	-	23.13	NA
	9/24/2003	12.77	NP	-	21.96	NA
	12/30/2003	11.00	NP	-	23.73	NA
	3/29/2004	10.46	NP	-	24.27	NA
	6/29/2004	11.93	NP	-	22.80	NA
	9/27/2004	12.67	NP	-	22.06	NA
	12/14/2004	12.52	NP	-	22.21	NA
	3/7/2005	12.10	NP	-	22.63	NA
	6/20/2005	11.40	NP	-	23.33	NA
	9/19/2005	12.71	NP	-	22.02	NA
	12/12/2005	11.52	NP	-	23.21	NA
	3/13/2006	10.16	NP	-	24.57	NA
	6/27/2006	11.21	NP	-	23.52	NA
	9/25/2006	12.70	NP	-	22.03	NA
	12/11/2006	10.97	NP	-	23.76	NA
	3/19/2007	**10.13**	**NP**	**-**	**24.60**	**NA**
	4/20/2007	**10.51**	**NP**		**24.22**	**NA**
MW-26	2/14/2000	10.44	NP	-	24.34	NA
(34.78)	5/22/2000	11.10	NP	-	23.68	NA
	8/23/2000	12.55	NP	-	22.23	NA
	11/28/2000	12.63	NP	-	22.15	NA
	2/21/2001	12.33	sheen	-	22.45	NA
	5/15/2001	12.24	NP	-	22.54	NA
	9/19/2001	13.47	sheen	-	21.31	NA
	12/19/2001	11.04	NP	-	23.74	NA
	3/13/2002	10.91	sheen	-	23.87	NA
	6/24/2002	11.88	NP	-	22.90	NA
	9/26/2002	13.07	NP	-	21.71	NA
	12/20/2002	12.55	NP	-	22.23	NA
	3/17/2003	10.93	NP	-	23.85	NA
	6/26/2003	12.00	NP	-	22.78	NA
	9/24/2003	13.13	NP	-	21.65	NA
	12/30/2003	11.53	NP	-	23.25	NA
	3/29/2004	10.46	NP	-	24.32	NA
	6/29/2004	12.43	NP	-	22.35	NA
	9/27/2004	13.03	NP	-	21.75	NA
	12/14/2004	12.30	NP	-	22.48	NA
	3/7/2005	12.51	NP	-	22.27	NA
	6/20/2005	11.78	NP	-	23.00	NA
	9/19/2005	13.09	NP	-	21.69	NA
	12/12/2005	11.95	NP	-	22.83	NA
	3/13/2006	10.61	NP	-	24.17	NA
	6/27/2006	11.65	NP	-	23.13	NA
	9/25/2006	13.06	NP	-	21.72	NA
	12/11/2006	11.46	NP	-	23.32	NA
	3/19/2007	**10.65**	**NP**	**-**	**24.13**	**NA**

COPPOR00007645

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-27	2/14/2000	3.67	NP	-	32.02	NA
(35.69)	5/22/2000	4.91	NP	-	30.78	NA
	8/23/2000	6.15	NP	-	29.54	NA
	11/28/2000	5.49	NP	-	30.20	NA
	2/21/2001	5.64	NP	-	30.05	NA
	5/15/2001	5.31	NP	-	30.38	NA
	9/19/2001	6.68	NP	-	29.01	NA
	12/19/2001	4.40	NP	-	31.29	NA
	3/13/2002	3.97	NP	-	31.72	NA
	6/24/2002	5.75	NP	-	29.94	NA
	9/26/2002	6.50	NP	-	29.19	NA
	12/20/2002	5.19	NP	-	30.50	NA
	3/17/2003	4.46	NP	-	31.23	NA
	6/26/2003	5.83	NP	-	29.86	NA
	9/24/2003	6.60	NP	-	29.09	NA
	12/30/2003	4.60	NP	-	31.09	NA
	3/29/2004	4.83	NP	-	30.86	NA
	6/29/2004	5.94	NP	-	29.75	NA
	9/27/2004	6.07	NP	-	29.62	NA
	12/14/2004	5.20	NP	-	30.49	NA
	3/7/2005	5.78	NP	-	29.91	NA
	6/20/2005	5.35	NP	-	30.34	NA
	9/19/2005	6.32	NP	-	29.37	NA
	12/12/2005	5.36	NP	-	30.33	NA
	3/13/2006	4.32	NP	-	31.37	NA
	6/27/2006	5.21	NP	-	30.48	NA
	9/25/2006	6.45	NP	-	29.24	NA
	12/11/2006	4.67	NP	-	31.02	NA
	3/19/2007	**4.70**	**NP**	-	**30.99**	**NA**
MW-28	2/14/2000	4.03	NP	-	30.36	NA
(34.39)	5/22/2000	5.44	NP	-	28.95	1.0
	8/23/2000	9.55	NP	-	24.84	NA
	11/28/2000	11.34	sheen	-	23.05	0.4
	2/21/2001	8.52	8.51	0.01	25.88	0.1
	5/15/2001	8.54	sheen	-	25.85	NA
	9/19/2001	13.75	13.48	0.27	20.86	0.6
	12/19/2001	4.47	NP	-	29.92	0.4
	3/13/2002	4.49	sheen	-	29.90	NA
	6/24/2002	7.34	NP	-	27.05	NA
	9/26/2002	9.39	NP	-	25.00	NA
	12/23/2002	7.12	7.11	0.01	27.28	NA
	3/17/2003	4.68	4.66	0.02	29.73	0.05
	6/26/2003	7.15	sheen	-	27.24	0.03
	9/24/2003	13.25	13.21	0.04	21.17	0.2
	12/30/2003	5.87	NP	-	29.90	NA
	3/29/2004	5.97	sheen	-	29.80	NA
	6/29/2004	9.68	sheen	-	26.09	NA
	9/27/2004	13.35	13.33	0.02	21.06	NA
	12/14/2004	7.51	sheen	-	26.88	0.4
	3/7/2005	10.65	sheen	-	23.74	0.2
	6/20/2005	7.85	sheen	-	26.54	0.2
	9/19/2005	12.65	sheen	-	21.74	0.3
	12/12/2005	6.87	6.86	0.01	27.53	0.2
	3/13/2006	4.91	NP	-	29.48	0
	6/27/2006	6.95	NP	-	27.44	0
	9/25/2006	13.05	sheen	-	21.34	0.1
	12/11/2006	5.53	NP	-	28.86	0.3
	3/19/2007	**5.40**	**NP**	-	**28.99**	**0**

COPPOR00007646

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-29	2/14/2000	12.98	NP	-	22.79	NA
(35.77)	5/22/2000	13.49	NP	-	22.28	NA
	8/23/2000	14.53	NP	-	21.24	NA
	11/28/2000	14.84	NP	-	20.93	NA
	2/21/2001	14.54	NP	-	21.23	NA
	5/15/2001	14.52	NP	-	21.25	NA
	9/19/2001	15.57	NP	-	20.20	NA
	12/19/2001	13.59	NP	-	22.18	NA
	3/13/2002	13.21	NP	-	22.56	NA
	6/24/2002	13.94	NP	-	21.83	NA
	9/26/2002	15.11	NP	-	20.66	NA
	12/20/2002	14.79	NP	-	20.98	NA
	3/17/2003	13.26	NP	-	22.51	NA
	6/26/2003	13.93	NP	-	21.84	NA
	9/24/2003	15.29	NP	-	20.48	NA
	12/30/2003	13.99	NP	-	21.78	NA
	3/29/2004	13.47	NP	-	22.30	NA
	6/29/2004	14.48	NP	-	21.29	NA
	9/27/2004	15.18	NP	-	20.59	NA
	12/14/2004	14.56	NP	-	21.21	NA
	3/7/2005	14.57	NP	-	21.20	NA
	6/20/2005	13.96	NP	-	21.81	NA
	9/19/2005	15.15	NP	-	20.62	NA
	12/12/2005	14.10	NP	-	21.67	NA
	3/13/2006	12.97	NP	-	22.80	NA
	6/27/2006	13.70	NP	-	22.07	NA
	9/25/2006	15.10	NP	-	20.67	NA
	12/11/2006	13.65	NP	-	22.12	NA
	3/19/2007	**13.07**	**NP**	**-**	**22.70**	**NA**
MW-30	2/14/2000	3.97	NP	-	32.42	NA
(36.39)	5/22/2000	5.37	NP	-	31.02	NA
	8/23/2000	7.06	NP	-	29.33	NA
	11/28/2000	7.34	NP	-	29.05	NA
	2/21/2001	6.74	NP	-	29.65	NA
	5/15/2001	6.50	NP	-	29.89	NA
	9/19/2001	8.28	NP	-	28.11	NA
	12/19/2001	4.35	NP	-	32.04	NA
	3/13/2002	4.31	NP	-	32.08	NA
	6/24/2002	6.28	NP	-	30.11	NA
	9/26/2002	7.64	NP	-	28.75	NA
	12/20/2002	7.11	NP	-	29.28	NA
	3/17/2003	4.72	NP	-	31.67	NA
	6/26/2003	6.14	NP	-	30.25	NA
	9/24/2003	7.85	NP	-	28.54	NA
	12/30/2003	4.87	NP	-	31.52	NA
	3/29/2004	5.21	NP	-	31.18	NA
	6/29/2004	6.71	NP	-	29.68	NA
	9/27/2004	7.71	NP	-	28.68	NA
	12/14/2004	6.60	NP	-	29.79	NA
	3/7/2005	6.81	NP	-	29.58	NA
	6/20/2005	5.85	NP	-	30.54	NA
	9/19/2005	7.39	NP	-	29.00	NA
	12/12/2005	5.66	NP	-	30.73	NA
	3/13/2006	4.55	NP	-	31.84	NA
	6/27/2006	5.81	NP	-	30.58	NA
	9/25/2006	7.51	NP	-	28.88	NA
	12/11/2006	4.92	NP	-	31.47	NA
	3/19/2007	**4.80**	**NP**	**-**	**31.59**	**NA**

COPPOR00007647

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-31	2/14/2000	5.19	NP	-	30.47	NA
(35.66)	5/22/2000	6.66	NP	-	29.00	NA
	8/23/2000	8.41	NP	-	27.25	NA
	11/28/2000	8.86	NP	-	26.80	NA
	2/21/2001	8.07	NP	-	27.59	NA
	5/15/2001	7.90	NP	-	27.76	NA
	9/19/2001	9.69	NP	-	25.97	NA
	12/19/2001	5.43	NP	-	30.23	NA
	3/13/2002	5.31	NP	-	30.35	NA
	6/24/2002	7.67	NP	-	27.99	NA
	9/26/2002	9.09	9.06	0.03	26.59	NA
	12/20/2002	8.89	NP	-	26.77	NA
	3/17/2003	6.12	sheen	-	29.54	0.01
	6/26/2003	7.58	NP	-	28.08	NA
	9/24/2003	9.54	9.45	0.09	26.12	0.2
	12/30/2003	6.20	NP	-	29.46	NA
	3/29/2004	6.49	NP	-	29.17	NA
	6/29/2004	8.31	sheen	-	27.35	NA
	9/27/2004	9.38	sheen	-	26.28	NA
	12/14/2004	8.55	NP	-	27.11	NA
	3/7/2005	8.43	NP	-	27.23	NA
	6/20/2005	7.43	sheen	-	28.23	0.1
	9/19/2005	9.02	NP	-	26.64	0.1
	12/12/2005	6.99	NP	-	28.67	NA
	3/13/2006	5.61	NP	-	30.05	NA
	6/27/2006	7.19	sheen	-	28.47	NA
	9/25/2006	9.34	9.26	0.08	26.32	0.21
	12/11/2006	5.85	sheen	-	29.81	0.1
	3/19/2007	**5.00**	**sheen**	-	**30.66**	**0.3**
MW-32	2/14/2000	3.57	NP	-	33.44	NA
(37.01)	5/22/2000	4.83	NP	-	32.18	NA
	8/23/2000	6.41	NP	-	30.60	NA
	11/28/2000	6.69	NP	-	30.32	NA
	2/21/2001	6.11	NP	-	30.90	NA
	5/15/2001	5.99	NP	-	31.02	NA
	9/19/2001	7.64	NP	-	29.37	NA
	12/19/2001	4.30	NP	-	32.71	NA
	3/13/2002	3.71	NP	-	33.30	NA
	6/24/2002	5.72	NP	-	31.29	NA
	9/26/2002	7.18	NP	-	29.83	NA
	12/20/2002	6.72	NP	-	30.29	NA
	3/17/2003	4.15	sheen	-	32.86	0.01
	6/26/2003	5.53	NP	-	31.48	NA
	9/24/2003	7.28	NP	-	29.73	NA
	12/30/2003	4.58	NP	-	32.43	NA
	3/29/2004	4.65	NP	-	32.36	NA
	6/29/2004	6.25	NP	-	30.76	NA
	9/27/2004	7.16	NP	-	29.85	NA
	12/14/2004	6.28	NP	-	30.73	NA
	3/7/2005	6.32	NP	-	30.69	NA
	6/20/2005	5.42	NP	-	31.59	NA
	9/19/2005	6.91	NP	-	30.10	NA
	12/12/2005	5.21	NP	-	31.80	NA
	3/13/2006	3.99	NP	-	33.02	NA
	6/27/2006	5.32	NP	-	31.69	NA
	9/25/2006	7.05	NP	-	29.96	NA
	12/11/2006	4.41	NP	-	32.60	NA
	3/19/2007	**4.00**	**NP**	-	**33.01**	**NA**

COPPOR00007648

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-33	2/14/2000	19.59	NP	-	19.75	NA
(39.34)	5/22/2000	20.15	NP	-	19.19	NA
	8/23/2000	20.88	NP	-	18.46	NA
	11/28/2000	20.98	NP	-	18.36	NA
	2/21/2001	20.78	NP	-	18.56	NA
	5/15/2001	20.83	NP	-	18.51	NA
	9/19/2001	21.43	NP	-	17.91	NA
	12/19/2001	12.62	NP	-	26.72	NA
	3/13/2002	19.61	NP	-	19.73	NA
	6/24/2002	20.42	NP	-	18.92	NA
	9/26/2002	21.13	NP	-	18.21	NA
	12/20/2002	20.66	NP	-	18.68	NA
	3/17/2003	19.73	NP	-	19.61	NA
	6/26/2003	20.31	NP	-	19.03	NA
	9/24/2003	21.04	NP	-	18.30	NA
	12/30/2003	19.82	NP	-	19.52	NA
	3/29/2004	19.89	NP	-	19.45	NA
	6/29/2004	20.65	NP	-	18.69	NA
	9/27/2004	21.16	NP	-	18.18	NA
	12/14/2004	20.60	NP	-	18.74	NA
	3/7/2005	20.57	NP	-	18.77	NA
	6/20/2005	20.32	NP	-	19.02	NA
	9/19/2005	21.05	NP	-	18.29	NA
	12/12/2005	20.20	NP	-	19.14	NA
	3/13/2006	19.54	NP	-	19.80	NA
	6/27/2006	20.11	NP	-	19.23	NA
	9/25/2006	20.96	NP	-	18.38	NA
	12/11/2006	19.84	NP	-	19.50	NA
	3/19/2007	19.58	NP	-	19.76	NA
MW-34	2/14/2000	19.31	NP	-	20.36	NA
(39.67)	5/22/2000	19.75	NP	-	19.92	NA
	8/23/2000	20.88	NP	-	18.79	NA
	11/28/2000	20.39	NP	-	19.28	NA
	2/21/2001	20.19	NP	-	19.48	NA
	5/15/2001	20.18	NP	-	19.49	NA
	9/19/2001	20.60	NP	-	19.07	NA
	12/19/2001	19.20	NP	-	20.47	NA
	3/13/2002	19.37	NP	-	20.30	NA
	6/24/2002	19.95	NP	-	19.72	NA
	9/26/2002	20.41	NP	-	19.26	NA
	3/17/2003	19.39	NP	-	20.28	NA
	6/26/2003	19.85	NP	-	19.82	NA
	9/24/2003	20.39	NP	-	19.28	NA
	12/30/2003	19.57	NP	-	20.10	NA
	3/29/2004	19.54	NP	-	20.13	NA
	6/29/2004	20.11	NP	-	19.56	NA
	9/27/2004	20.46	NP	-	19.21	NA
	12/14/2004	20.15	NP	-	19.52	NA
	3/7/2005	20.00	NP	-	19.67	NA
	6/20/2005	19.84	NP	-	19.83	NA
	9/19/2005	20.37	NP	-	19.30	NA
	12/12/2005	19.71	NP	-	19.96	NA
	3/13/2006	19.30	NP	-	20.37	NA
	6/27/2006	19.80	NP	-	19.87	NA
	9/25/2006	20.33	NP	-	19.34	NA
	12/11/2006	19.50	NP	-	20.17	NA
	3/19/2007	19.27	NP	-	20.40	NA

COPPOR00007649

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-35	2/14/2000	2.34	NP	-	31.05	NA
(33.39)	5/22/2000	3.21	NP	-	30.18	NA
	8/23/2000	4.98	NP	-	28.41	NA
	11/28/2000	5.54	NP	-	27.85	NA
	2/21/2001	4.67	NP	-	28.72	NA
	5/15/2001	4.35	NP	-	29.04	NA
	9/18/2001	6.33	NP	-	27.06	NA
	12/19/2001	5.84	NP	-	27.55	NA
	3/13/2002	2.61	NP	-	30.78	NA
	6/24/2002	--Unable to Locate--				
	9/26/2002	5.85	NP	-	27.54	NA
	12/20/2002	5.91	sheen	-	27.48	NA
	3/17/2003	3.44	NP	-	29.95	NA
	6/26/2003	3.83	NP	-	29.56	NA
	9/24/2003	5.85	NP	-	27.54	NA
	12/30/2003	3.58	NP	-	29.81	NA
	3/29/2004	2.97	NP	-	30.42	NA
	6/29/2004	2.50	NP	-	30.89	NA
	9/27/2004	5.55	NP	-	27.84	NA
	12/14/2004	4.91	NP	-	28.48	NA
	3/7/2005	4.85	NP	-	28.54	NA
	6/20/2005	4.13	NP	-	29.26	NA
	9/19/2005	5.51	NP	-	27.88	NA
	12/12/2005	4.02	NP	-	29.37	NA
	3/13/2006	2.69	NP	-	30.70	NA
	6/27/2006	3.64	NP	-	29.75	NA
	9/25/2006	5.50	NP	-	27.89	NA
	12/11/2006	3.35	NP	-	30.04	NA
	3/19/2007	**2.81**	**NP**	**-**	**30.58**	**NA**
	4/20/2007	**3.06**	**NP**		**30.33**	**NA**
MW-36	2/14/2000	14.04	NP	-	20.84	NA
(34.88)	5/22/2000	14.62	NP	-	20.26	NA
	8/23/2000	15.39	NP	-	19.49	NA
	11/28/2000	15.72	NP	-	19.16	NA
	2/21/2001	15.49	NP	-	19.39	NA
	5/15/2001	15.51	NP	-	19.37	NA
	9/19/2001	16.08	NP	-	18.80	NA
	12/20/2001	14.98	NP	-	19.90	NA
	3/13/2002	14.18	NP	-	20.70	NA
	6/24/2002	--Unable to Access--				
	9/26/2002	17.92	NP	-	16.96	NA
	12/20/2002	15.59	NP	-	19.29	NA
	3/17/2003	14.25	NP	-	20.63	NA
	6/26/2003	--Unable to Access--				
	9/24/2003	15.74	NP	-	19.14	NA
	12/30/2003	14.97	NP	-	19.91	NA
	3/29/2004	14.37	NP	-	20.51	NA
	6/29/2004	15.33	NP	-	19.55	NA
	9/27/2004	15.87	NP	-	19.01	NA
	12/14/2004	15.54	NP	-	19.34	NA
	3/7/2005	--Unable to Access--				
	6/20/2005	14.98	NP	-	19.90	NA
	9/19/2005	15.75	NP	-	19.13	NA
	12/12/2005	15.01	NP	-	19.87	NA
	3/13/2006	13.82	NP	-	21.06	NA
	6/27/2006	14.78	NP	-	20.10	NA
	9/25/2006	15.61	NP	-	19.27	NA
	12/11/2006	14.45	NP	-	20.43	NA
	3/19/2007	**13.98**	**NP**	**-**	**20.90**	**NA**

COPPOR00007650

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-37	2/14/2000	14.71	NP	-	20.15	NA
(34.86)	5/22/2000	15.27	NP	-	19.59	NA
	8/23/2000	16.06	NP	-	18.80	NA
	11/28/2000	16.32	NP	-	18.54	NA
	2/21/2001	16.10	NP	-	18.76	NA
	5/15/2001	16.11	NP	-	18.75	NA
	9/19/2001	16.69	NP	-	18.17	NA
	12/19/2001	15.10	NP	-	19.76	NA
	3/13/2002	14.64	14.62	0.02	20.24	0.1
	6/24/2002	15.66	NP	-	19.20	NA
	9/26/2002	16.39	NP	-	18.47	NA
	12/20/2002	16.11	sheen	-	18.75	NA
	3/17/2003	14.92	NP	-	19.94	NA
	6/26/2003	–Unable to Acess–				
	9/24/2003	16.40	16.37	0.03	18.48	0.1
	12/30/2003	15.35	NP	NP	19.51	NA
	3/29/2004	14.93	14.94	0.01	19.94	0.1
	6/29/2004	15.96	sheen	-	18.90	NA
	9/27/2004	16.52	16.51	0.01	18.35	0.1
	12/14/2004	16.10	NP	-	18.76	NA
	3/7/2005	16.07	NP	-	18.79	0.1
	6/20/2005	15.60	NP	-	19.26	NA
	9/19/2005	16.34	NP	-	18.52	NA
	12/12/2005	15.59	NP	-	19.27	NA
	3/13/2006	14.21	NP	-	20.65	NA
	6/27/2006	15.29	NP	-	19.57	NA
	9/25/2006	16.19	NP	-	18.67	NA
	12/11/2006	15.04	NP	-	19.82	NA
	3/19/2007	**14.44**	**NP**	-	**20.42**	**NA**
MW-38	2/14/2000	4.72	NP	-	32.78	NA
(37.50)	5/22/2000	6.17	NP	-	31.33	NA
	8/23/2000	8.02	NP	-	29.48	NA
	11/28/2000	8.41	NP	-	29.09	NA
	2/21/2001	7.62	NP	-	29.88	NA
	5/15/2001	7.65	sheen	-	29.85	NA
	9/18/2001	9.52	NP	-	27.98	NA
	12/19/2001	6.05	NP	-	31.45	NA
	3/13/2002	4.97	NP	-	32.53	NA
	6/24/2002	7.10	NP	-	30.40	NA
	9/26/2002	9.09	NP	-	28.41	NA
	12/23/2002	7.82	NP	-	29.68	NA
	3/17/2003	4.89	NP	-	32.61	NA
	6/26/2003	6.55	NP	-	30.95	NA
	9/24/2003	9.04	NP	-	28.46	NA
	12/30/2003	6.57	NP	-	30.93	NA
	3/29/2004	5.42	NP	-	32.08	NA
	6/29/2004	7.34	NP	-	30.16	NA
	9/27/2004	8.57	NP	-	28.93	NA
	12/14/2004	7.84	NP	-	29.66	NA
	3/7/2005	7.85	NP	-	29.65	NA
	6/20/2005	6.69	NP	-	30.81	NA
	9/19/2005	8.73	NP	-	28.77	NA
	12/12/2005	6.95	NP	-	30.55	NA
	3/13/2006	4.92	NP	-	32.58	NA
	6/27/2006	6.49	NP	-	31.01	NA
	9/25/2006	8.64	NP	-	28.86	NA
	12/11/2006	5.70	NP	-	31.80	NA
	3/19/2007	**4.66**	**NP**	-	**32.84**	**NA**

COPPOR00007651

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-39	2/14/2000	NM	NP	-	NA	NA
(35.02)	5/22/2000	13.56	NP	-	21.46	NA
	8/23/2000	14.15	NP	-	20.87	NA
	11/28/2000	14.52	NP	-	20.50	NA
	2/21/2001	14.30	NP	-	20.72	NA
	5/15/2001	14.24	NP	-	20.78	NA
	9/19/2001	14.82	NP	-	20.20	NA
	12/19/2001	13.52	NP	-	21.50	NA
	3/13/2002	13.26	NP	-	21.76	NA
	6/24/2002	--Unable to Locate--				
	9/26/2002	17.01	NP	-	18.01	NA
	12/20/2002	14.71	NP	-	20.31	NA
	3/17/2003	13.37	NP	-	21.65	NA
	6/26/2003	--Unable to Access--				
	9/24/2003	14.59	NP	-	20.43	NA
	12/30/2003	13.97	NP	-	21.05	NA
	3/29/2004	13.42	NP	-	21.60	NA
	6/29/2004	14.17	NP	-	20.85	NA
	9/27/2004	14.71	NP	-	20.31	NA
	12/14/2004	--Unable to Access--				
	3/7/2005	--Unable to Access--				
	6/20/2005	--Unable to Access--				
	9/19/2005	14.54	NP	-	20.48	NA
	12/12/2005	13.98	NP	-	21.04	NA
	3/13/2006	12.96	NP	-	22.06	NA
	6/27/2006	13.61	NP	-	21.41	NA
	9/25/2006	14.44	NP	-	20.58	NA
	12/11/2006	5.67	NP	-	29.35	NA
	3/19/2007	12.96	NP	-	22.06	NA

COPPOR00007652

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-40	2/14/2000	13.64	NP	-	20.01	NA
(33.65)	5/22/2000	14.28	NP	-	19.37	NA
	8/23/2000	15.01	NP	-	18.64	NA
	11/28/2000	15.15	NP	-	18.50	NA
	2/21/2001	14.97	NP	-	18.68	NA
	5/15/2001	15.00	NP	-	18.65	NA
	9/19/2001	15.58	NP	-	18.07	NA
	12/19/2001	13.72	NP	-	19.93	NA
	3/13/2002	13.58	NP	-	20.07	NA
	6/24/2002	14.62	NP	-	19.03	NA
	9/26/2002	17.30	NP	-	16.35	NA
	12/20/2002	15.78	NP	-	17.87	NA
	3/17/2003	13.84	NP	-	19.81	NA
	6/26/2003	14.45	NP	-	19.20	NA
	9/24/2003	15.25	NP	-	18.40	NA
	12/30/2003	14.03	NP	-	19.62	NA
	3/29/2004	14.04	NP	-	19.61	NA
	6/29/2004	14.85	NP	-	18.80	NA
	9/27/2004	15.35	NP	-	18.30	NA
	12/14/2004	14.80	NP	-	18.85	NA
	3/7/2005	14.84	NP	-	18.81	NA
	6/20/2005	14.50	NP	-	19.15	NA
	9/19/2005	15.25	NP	-	18.40	NA
	12/12/2005	14.40	NP	-	19.25	NA
	3/13/2006	13.57	NP	-	20.08	NA
	6/27/2006	14.39	NP	-	19.26	NA
	9/25/2006	15.15	NP	-	18.50	NA
	12/11/2006	14.04	NP	-	19.61	NA
	3/19/2007	**13.67**	**NP**	-	**19.98**	**NA**

NOTES:
If SPH Thickness equals 0.0 feet, then non-measurable sheen was observed
NP - No measurable product
NA - Not Applicable
NM - Not Measured
* - SPH recovered for latest quarter monitored
** - Unable to determine due to SPH viscosity
GWE = TOC -(DTW - (0.8 x DTP - DTW)) Where 0.8 = The density of the SPH

COPPOR00007653

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-1	2/14/2000	16.82	NP	-	17.86	NA
(34.68)	5/22/2000	17.05	NP	-	17.63	NA
	8/22/2000	17.48	NP	-	17.20	NA
	11/27/2000	17.82	NP	-	16.86	NA
	2/20/2001	17.71	NP	-	16.97	NA
	5/15/2001	17.68	NP	-	17.00	NA
	9/18/2001	18.01	NP	-	16.67	NA
	12/20/2001	17.10	NP	-	17.58	NA
	3/13/2002	16.77	NP	-	17.91	NA
	6/24/2002	17.32	NP	-	17.36	NA
	9/26/2002	17.74	NP	-	16.94	NA
	12/20/2002	17.57	NP	-	17.11	NA
	3/17/2003	16.97	NP	-	17.71	NA
	6/26/2003	17.24	NP	-	17.44	NA
	9/24/2003	17.77	NP	-	16.91	NA
	12/30/2003	17.09	NP	-	17.59	NA
	3/29/2004	16.98	NP	-	17.70	NA
	6/29/2004	17.45	NP	-	17.23	NA
	9/27/2004	17.71	NP	-	16.97	NA
	12/14/2004	17.58	NP	-	17.10	NA
	3/7/2005	17.62	NP	-	17.06	NA
	6/20/2005	17.30	NP	-	17.38	NA
	9/19/2005	17.74	NP	-	16.94	NA
	12/12/2005	17.22	NP	-	17.46	NA
	3/13/2006	16.50	NP	-	18.18	NA
	6/26/2006	17.03	NP	-	17.65	NA
	9/25/2006	17.39	NP	-	17.29	NA
	12/11/2006	16.96	NP	-	17.72	NA
	3/19/2007	**16.63**	**NP**	**-**	**18.05**	**NA**
B-2	2/14/2000	16.68	NP	-	18.67	NA
(35.35)	5/22/2000	17.06	NP	-	18.29	NA
	8/22/2000	17.61	NP	-	17.74	NA
	11/27/2000	17.97	NP	-	17.38	NA
	2/20/2001	17.82	NP	-	17.53	NA
	5/15/2001	17.74	NP	-	17.61	NA
	9/18/2001	18.23	NP	-	17.12	NA
	12/20/2001	17.06	NP	-	18.29	NA
	3/13/2002	16.80	NP	-	18.55	NA
	6/24/2002	17.44	NP	-	17.91	NA
	9/26/2002	17.99	NP	-	17.36	NA
	12/20/2002	18.06	NP	-	17.29	NA
	3/17/2003	17.03	NP	-	18.32	NA
	6/26/2003	17.29	NP	-	18.06	NA
	9/24/2003	18.03	NP	-	17.32	NA
	12/30/2003	17.38	NP	-	17.97	NA
	3/29/2004	16.89	NP	-	18.46	NA
	6/29/2004	17.62	NP	-	17.73	NA
	9/27/2004	18.09	NP	-	17.26	NA
	12/14/2004	17.94	NP	-	17.41	NA
	3/7/2005	17.78	NP	-	17.57	NA
	6/20/2005	17.41	NP	-	17.94	NA
	9/19/2005	17.98	NP	-	17.37	NA
	12/12/2005	17.37	NP	-	17.98	NA
	3/13/2006	16.50	NP	-	18.85	NA
	6/26/2006	17.14	NP	-	18.21	NA
	9/25/2006	17.63	NP	-	17.72	NA
	12/11/2006	16.90	NP	-	18.45	NA
	3/19/2007	**16.47**	**NP**	**-**	**18.88**	**NA**

COPPOR00007654

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-3	2/14/2000	18.14	NP	-	16.67	NA
(34.81)	5/22/2000	18.36	NP	-	16.45	NA
	8/22/2000	19.05	NP	-	15.76	NA
	11/27/2000	19.31	NP	-	15.50	NA
	2/20/2001	19.22	NP	-	15.59	NA
	5/15/2001	19.26	NP	-	15.55	NA
	9/18/2001	19.63	NP	-	15.18	NA
	12/20/2001	18.03	NP	-	16.78	NA
	3/13/2002	18.12	NP	-	16.69	NA
	6/24/2002	18.84	NP	-	15.97	NA
	9/26/2002	19.21	NP	-	15.60	NA
	12/20/2002	18.79	NP	-	16.02	NA
	3/17/2003	18.14	NP	-	16.67	NA
	6/26/2003	18.87	NP	-	15.94	NA
	9/24/2003	19.20	NP	-	15.61	NA
	12/30/2003	18.22	NP	-	16.59	NA
	3/29/2004	18.30	NP		16.51	NA
	6/29/2004	18.93	NP	-	15.88	NA
	9/27/2004	19.19	NP	-	15.62	NA
	12/14/2004	18.89	NP	-	15.92	NA
	3/7/2005	19.14	NP	-	15.67	NA
	6/20/2005	18.88	NP	-	15.93	NA
	9/19/2005	19.24	NP	-	15.57	NA
	12/12/2005	18.50	NP	-	16.31	NA
	3/13/2006	17.75	NP	-	17.06	NA
	6/26/2006	18.43	NP	-	16.38	NA
	9/25/2006	18.87	NP	-	15.94	NA
	12/11/2006	18.04	NP	-	16.77	NA
	3/19/2007	**18.02**	**NP**	**-**	**16.79**	**NA**
B-4	2/14/2000	18.25	17.59	0.66	16.98	3
(34.70)	5/22/2000	17.80	NP	-	16.90	0.5
	8/22/2000	18.22	18.21	0.01	16.49	NA
	11/27/2000	18.55	NP	-	16.15	NA
	2/20/2001	18.49	18.48	0.01	16.22	NA
	5/15/2001	18.47	18.46	0.01	16.24	0.1
	9/18/2001	18.75	18.74	0.01	15.96	0.1
	12/20/2001	18.05	NP	-	16.65	NA
	3/13/2002	17.69	NP	-	17.01	0.1
	6/24/2002	18.10	NP	-	16.60	NA
	9/26/2002	18.43	NP	-	16.27	NA
	12/20/2002	18.43	NP	-	16.27	NA
	3/17/2003	18.14	17.81	0.33	16.82	0.01
	6/26/2003	18.08	18.05	0.03	16.64	0.04
	9/24/2003	18.45	18.44	0.01	16.26	NA
	12/30/2003	18.05	NP	-	16.65	NA
	3/29/2004	17.90	17.70	0.20	16.96	0.1
	6/29/2004	18.61	sheen	-	16.09	NA
	9/27/2004	18.46	NP	-	16.24	NA
	12/14/2004	18.42	NP	-	16.28	NA
	3/7/2005	18.35	NP	-	16.35	NA
	6/20/2005	18.19	18.11	0.08	16.57	0.1
	9/19/2005	18.45	sheen	-	16.25	0.11
	12/12/2005	18.17	NP	-	16.53	0.2
	3/13/2006	17.43	17.24	0.19	17.42	0.1
	6/26/2006	17.79	NP	-	16.91	NA
	9/25/2006	18.28	NP	-	16.42	NA
	12/11/2006	**	17.87	-	-	0
	3/19/2007	**17.51**	**NP**	**-**	**17.19**	**0.3**

COPPOR00007655

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-5	2/14/2000	16.24	NP	-	18.59	NA
(34.83)	5/22/2000	16.63	NP	-	18.20	NA
	8/22/2000	16.98	sheen	-	17.85	NA
	11/27/2000	17.36	NP	-	17.47	NA
	2/20/2001	17.23	NP	-	17.60	NA
	5/15/2001	17.18	NP	-	17.65	NA
	9/18/2001	17.49	NP	-	17.34	NA
	12/20/2001	16.68	NP	-	18.15	NA
	3/13/2002	16.28	NP	-	18.55	NA
	6/24/2002	16.88	NP	-	17.95	NA
	9/26/2002	17.28	NP	-	17.55	NA
	12/20/2002	17.43	NP	-	17.40	NA
	3/17/2003	16.51	NP	-	18.32	NA
	6/26/2003	16.71	NP	-	18.12	NA
	9/24/2003	17.33	NP	-	17.50	NA
	12/30/2003	16.86	NP	-	17.97	NA
	3/29/2004	16.33	NP	-	18.50	NA
	6/29/2004	16.99	NP	-	17.84	NA
	9/27/2004	17.35	NP	-	17.48	NA
	12/14/2004	17.25	NP	-	17.58	NA
	3/7/2005	17.15	NP	-	17.68	NA
	6/20/2005	16.77	NP	-	18.06	NA
	9/19/2005	17.25	NP	-	17.58	NA
	12/12/2005	16.75	NP	-	18.08	NA
	3/13/2006	15.90	NP	-	18.93	NA
	6/26/2006	16.58	NP	-	18.25	NA
	9/25/2006	17.10	NP	-	17.73	NA
	12/11/2006	16.50	NP	-	18.33	NA
	3/19/2007	**15.90**	**NP**	-	**18.93**	**NA**
B-6	2/14/2000	16.53	NP	-	18.96	NA
(35.49)	5/22/2000	16.95	NP	-	18.54	NA
	8/22/2000	17.40	NP	-	18.09	NA
	11/27/2000	17.80	NP	-	17.69	NA
	2/20/2001	17.64	NP	-	17.85	NA
	5/15/2001	17.56	NP	-	17.93	NA
	9/18/2001	17.95	NP	-	17.54	NA
	12/20/2001	17.02	NP	-	18.47	NA
	3/13/2002	16.57	NP	-	18.92	NA
	6/24/2002	17.22	NP	-	18.27	NA
	9/26/2002	17.71	NP	-	17.78	NA
	12/20/2002	17.80	NP	-	17.69	NA
	3/17/2003	16.81	NP	-	18.68	NA
	6/26/2003	17.04	NP	-	18.45	NA
	9/24/2003	17.73	NP	-	17.76	NA
	12/30/2003	17.21	NP	-	18.28	NA
	3/29/2004	16.61	NP	-	18.88	NA
	6/29/2004	17.35	NP	-	18.14	NA
	9/27/2004	17.80	NP	-	17.69	NA
	12/14/2004	17.66	NP	-	17.83	NA
	3/7/2005	17.50	NP	-	17.99	NA
	6/20/2005	17.12	NP	-	18.37	NA
	9/19/2005	17.66	NP	-	17.83	NA
	12/12/2005	17.12	NP	-	18.37	NA
	3/13/2006	16.14	NP	-	19.35	NA
	6/26/2006	16.90	NP	-	18.59	NA
	9/25/2006	17.50	NP	-	17.99	NA
	12/11/2006	16.82	NP	-	18.67	NA
	3/19/2007	**16.23**	**NP**	-	**19.26**	**NA**

COPPOR00007656

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-16	2/14/2000	16.84	NP	-	18.98	NA
(35.82)	5/22/2000	17.27	NP	-	18.55	NA
	8/22/2000	17.76	NP	-	18.06	NA
	11/27/2000	18.16	NP	-	17.66	NA
	2/20/2001	17.98	NP	-	17.84	NA
	5/15/2001	18.04	NP	-	17.78	NA
	9/18/2001	18.44	NP	-	17.38	NA
	12/20/2001	17.43	NP	-	18.39	NA
	3/13/2002	17.02	NP	-	18.80	NA
	6/24/2002	17.67	NP	-	18.15	NA
	9/26/2002	18.18	NP	-	17.64	NA
	12/20/2002	18.31	NP	-	17.51	NA
	3/17/2003	17.24	NP	-	18.58	NA
	6/26/2003	17.46	NP	-	18.36	NA
	9/24/2003	18.21	NP	-	17.61	NA
	12/30/2003	17.67	NP	-	18.15	NA
	3/29/2004	17.06	NP	-	18.76	NA
	6/29/2004	17.80	NP	-	18.02	NA
	9/27/2004	18.28	NP	-	17.54	NA
	12/14/2004	18.14	NP	-	17.68	NA
	3/7/2005	17.95	NP	-	17.87	NA
	6/20/2005	17.58	NP	-	18.24	NA
	9/19/2005	18.16	NP	-	17.66	NA
	12/12/2005	17.58	NP	-	18.24	NA
	3/13/2006	16.59	NP	-	19.23	NA
	6/26/2006	17.33	NP	-	18.49	NA
	9/25/2006	17.94	NP	-	17.88	NA
	12/11/2006	17.18	NP	-	18.64	NA
	3/19/2007	**16.65**	**NP**	**-**	**19.17**	**NA**
B-17	2/14/2000	16.83	NP	-	18.78	NA
(35.61)	5/22/2000	17.20	NP	-	18.41	NA
	8/22/2000	17.76	NP	-	17.85	NA
	11/27/2000	18.05	NP	-	17.56	NA
	2/20/2001	17.88	NP	-	17.73	NA
	5/15/2001	17.84	NP	-	17.77	NA
	9/18/2001	18.21	NP	-	17.40	NA
	12/20/2001	17.31	NP	-	18.30	NA
	3/13/2002	16.91	NP	-	18.70	NA
	6/24/2002	17.50	NP	-	18.11	NA
	9/26/2002	17.97	NP	-	17.64	NA
	12/20/2002	18.07	NP	-	17.54	NA
	3/17/2003	17.13	NP	-	18.48	NA
	6/26/2003	17.33	NP	-	18.28	NA
	9/24/2003	18.00	NP	-	17.61	NA
	12/30/2003	17.48	NP	-	18.13	NA
	3/29/2004	16.39	NP	-	19.22	NA
	6/29/2004	17.62	NP	-	17.99	NA
	9/27/2004	18.03	NP	-	17.58	NA
	12/14/2004	17.95	NP	-	17.66	NA
	3/7/2005	17.81	NP	-	17.80	NA
	6/20/2005	17.40	NP	-	18.21	NA
	9/19/2005	17.93	NP	-	17.68	NA
	12/12/2005	17.42	NP	-	18.19	NA
	3/13/2006	16.50	NP	-	19.11	NA
	6/26/2006	17.17	NP	-	18.44	NA
	9/25/2006	17.74	NP	-	17.87	NA
	12/11/2006	17.08	NP	-	18.53	NA
	3/19/2007	**16.56**	**NP**	**-**	**19.05**	**NA**

COPPOR00007657

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-18	2/14/2000	18.55	NP	-	16.94	NA
(35.49)	5/22/2000	18.66	NP	-	16.83	NA
	8/22/2000	19.11	NP	-	16.38	NA
	11/27/2000	19.43	NP	-	16.06	NA
	2/20/2001	19.44	NP	-	16.05	NA
	5/15/2001	19.43	NP	-	16.06	NA
	9/18/2001	19.68	NP	-	15.81	NA
	12/20/2001	---Unable to Locate---				
	3/13/2002	---Inaccessible - Covered with Sand---				
	6/24/2002	---Inaccessible - Covered with Sand---				
	9/26/2002	---TOC broken, bentonite blocking well---				
(36.00)	12/20/2002	3.88	NP	-	32.12	NA
	3/17/2003	Unable to access				
	6/26/2003	Well blocked ~5 feet bgs				
	9/24/2003	Well blocked ~5 feet bgs				
	12/30/2003	Well blocked ~5 feet bgs				
	3/29/2004	Well blocked ~5 feet bgs				
	6/29/2004	Abandoned				
B-22	2/14/2000	17.91	NP	-	17.92	1
(35.83)	5/22/2000	18.00	NP	-	17.83	NA
	8/22/2000	18.66	18.65	0.01	17.18	NA
	11/27/2000	19.02	sheen	-	16.81	0.1
	2/20/2001	19.02	18.99	0.03	16.83	NA
	5/15/2001	19.01	19.00	0.01	16.83	0.1
	9/18/2001	------ Well Has Been Buried ------				
	12/20/2001	---Well Damaged During Construction Activities---				
	3/13/2002	---Well Damaged During Construction Activities---				
	6/24/2002	---Well Damaged During Construction Activities---				
	9/26/2002	---Well Damaged During Construction Activities---				
		--- Well Abandoned December 10, 2002 ---				

COPPOR00007658

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-22A	12/20/2002	19.10	NP	-	15.77	NA
(34.87)	3/17/2003	18.33	18.30	0.03	16.54	0.01
	6/26/2003	18.72	18.69	0.03	16.15	0.05
	9/24/2003	19.08	19.05	0.03	15.79	0.10
	12/30/2003	18.52	NP	-	16.35	NA
	3/29/2004	18.25	18.25	sheen	16.62	NA
	6/29/2004	18.78	NP	-	16.09	NA
	9/27/2004	19.07	NP	-	15.80	NA
	12/14/2004	18.95	NP	-	15.92	NA
	3/7/2005	19.08	NP	-	15.79	NA
	6/20/2005	18.75	NP	-	16.12	NA
	9/19/2005	19.07	NP	-	15.80	NA
	12/12/2005	18.55	NP	-	16.32	NA
	3/13/2006	17.66	NP	-	17.21	NA
	6/26/2006	18.12	NP	-	16.75	NA
	9/25/2006	18.43	NP	-	16.44	NA
	12/11/2006	18.49	NP	-	16.38	NA
	3/19/2007	**17.97**	**NP**	**-**	**16.90**	**NA**
B-25	2/14/2000	18.39	NP	-	17.39	NA
(35.78)	5/22/2000	17.67	NP	-	18.11	NA
	8/22/2000	19.09	NP	-	16.69	NA
	11/27/2000	19.51	NP	-	16.27	NA
	2/20/2001	18.79	NP	-	16.99	NA
	5/15/2001	19.54	NP	-	16.24	NA
	9/18/2001	19.86	NP	-	15.92	NA
	12/20/2001	---Could Not Access---				
	3/13/2002	18.52	NP	-	17.26	NA
	6/24/2002	18.89	NP	-	16.89	NA
	9/26/2002	19.33	NP	-	16.45	NA
	12/20/2002	19.43	NP	-	16.35	NA
	3/17/2003	18.65	NP	-	17.13	NA
	6/26/2003	18.82	NP	-	16.96	NA
	9/24/2003	19.24	NP	-	16.54	NA
	12/30/2003	18.95	NP	-	16.83	NA
	3/29/2004	18.42	NP	-	17.36	NA
	6/29/2004	---Could Not Access---				
	9/27/2004	19.25	NP	-	16.53	NA
	12/14/2004	19.21	NP	-	16.57	NA
	3/7/2005	21.57	NP	-	14.21	NA
	6/20/2005	18.89	NP	-	16.89	NA
	9/19/2005	19.26	NP	-	16.52	NA
	12/12/2005	18.89	NP	-	16.89	NA
	3/13/2006	-	-	-	-	-
	6/26/2006	18.27	NP	-	17.51	NA
	9/25/2006	18.75	NP	-	17.03	NA
	12/11/2006	18.68	NP	-	17.10	NA
	3/19/2007	**18.00**	**NP**	**-**	**17.78**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-27	2/14/2000	17.61	NP	-	18.13	NA
(35.74)	5/22/2000	17.76	NP	-	17.98	NA
	8/22/2000	18.27	NP	-	17.47	NA
	11/27/2000	18.71	NP	-	17.03	0.1
	2/20/2001	18.66	18.65	0.01	17.09	0.2
	5/15/2001	18.74	18.66	0.08	17.06	0.2
	9/18/2001	18.99	NP	-	16.75	0.3
	12/20/2001	18.66	NP	-	17.08	0.2
	3/13/2002	17.76	NP	-	17.98	0.02
	6/24/2002	18.09	NP	-	17.65	NA
	9/26/2002	18.50	NP	-	17.24	NA
	12/20/2002	18.65	18.68	0.03	17.11	0.1
	3/17/2003	17.91	17.90	0.01	17.84	0.01
	6/26/2003	17.96	NP	-	17.78	NA
	9/24/2003	18.51	NP	-	17.23	NA
	12/30/2003	18.21	NP	-	17.53	NA
	3/29/2004	17.72	17.31	0.41	18.35	0.1
	6/29/2004	18.03	NP	-	17.71	NA
	9/27/2004	18.53	NP	-	17.21	NA
	12/14/2004	18.50	NP	-	17.24	NA
	3/7/2005	18.34	NP	-	17.40	NA
	6/20/2005	18.03	NP	-	17.71	NA
	9/19/2005	18.48	NP	-	17.26	NA
	12/12/2005	18.13	NP	-	17.61	NA
	3/13/2006	17.20	16.70	0.50	18.94	0.2
	6/26/2006	17.44	NP	-	18.30	NA
	9/25/2006	18.22	NP	-	17.52	NA
	12/11/2006	17.84	17.81	0.03	17.92	0
	3/19/2007	**17.14**	**NP**	**-**	**18.60**	**0**
B-35	2/14/2000	15.71	NP	-	17.85	NA
(33.56)	5/22/2000	16.00	NP	-	17.56	NA
	8/22/2000	16.36	NP	-	17.20	NA
	11/27/2000	16.71	NP	-	16.85	NA
	2/20/2001	16.65	NP	-	16.91	NA
	5/15/2001	15.56	NP	-	18.00	NA
	9/18/2001	16.90	NP	-	16.66	NA
	12/20/2001	15.95	NP	-	17.61	NA
	3/13/2002	15.70	NP	-	17.86	NA
	6/24/2002	16.22	NP	-	17.34	NA
	9/26/2002	16.64	NP	-	16.92	NA
	12/20/2002	16.48	NP	-	17.08	NA
	3/17/2003	15.91	NP	-	17.65	NA
	6/26/2003	16.13	NP	-	17.43	NA
	9/24/2003	16.67	NP	-	16.89	NA
	12/30/2003	16.04	NP	-	17.52	NA
	3/29/2004	15.81	NP	-	17.75	NA
	6/29/2004	16.33	NP	-	17.23	NA
	9/27/2004	16.61	NP	-	16.95	NA
	12/14/2004	16.52	NP	-	17.04	NA
	3/7/2005	16.52	NP	-	17.04	NA
	6/20/2005	16.17	NP	-	17.39	NA
	9/19/2005	16.63	NP	-	16.93	NA
	12/12/2005	16.08	NP	-	17.48	NA
	3/13/2005	15.42	NP	-	18.14	NA
	6/26/2006	15.95	NP	-	17.61	NA
	9/25/2006	16.30	NP	-	17.26	NA
	12/11/2006	15.90	sheen	-	17.66	NA
	3/19/2007	**15.52**	**NP**	**-**	**18.04**	**NA**

COPPOR00007660

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-36	2/14/2000	14.33	NP	-	16.69	NA
(31.02)	5/22/2000	14.64	NP	-	16.38	NA
	8/22/2000	15.28	NP	-	15.74	NA
	11/27/2000	15.55	NP	-	15.47	NA
	2/20/2001	15.48	NP	-	15.54	NA
	5/15/2001	15.47	NP	-	15.55	NA
	9/18/2001	15.83	NP	-	15.19	NA
	12/20/2001	14.17	NP	-	16.85	NA
	3/13/2002	14.31	NP	-	16.71	NA
	6/24/2002	15.06	NP	-	15.96	NA
	9/26/2002	15.43	NP	-	15.59	NA
	12/20/2002	14.98	NP	-	16.04	NA
	3/17/2003	14.35	NP	-	16.67	NA
	6/26/2003	15.09	NP	-	15.93	NA
	9/24/2003	15.44	NP	-	15.58	NA
	12/30/2003	14.41	NP	-	16.61	NA
	3/29/2004	14.53	NP	-	16.49	NA
	6/29/2004	15.19	NP	-	15.83	NA
	9/27/2004	15.41	NP	-	15.61	NA
	12/14/2004	15.10	NP	-	15.92	NA
	3/7/2005	15.39	NP	-	15.63	NA
	6/20/2005	15.08	NP	-	15.94	NA
	9/19/2005	15.45	NP	-	15.57	NA
	12/12/2005	14.68	NP	-	16.34	NA
	3/13/2006	13.97	NP	-	17.05	NA
	6/26/2006	14.64	NP	-	16.38	NA
	9/25/2006	15.12	NP	-	15.90	NA
	12/11/2007	14.46	NP	-	16.56	NA
	3/19/2007	**13.98**	**NP**	-	**17.04**	**NA**
B-37	2/14/2000	18.96	NP	-	16.87	NA
(35.83)	5/22/2000	19.05	NP	-	16.78	NA
	8/22/2000	19.77	NP	-	16.06	NA
	11/27/2000	20.18	NP	-	15.65	NA
	2/20/2001	22.05	NP	-	13.78	NA
	5/15/2001	20.16	NP	-	15.67	NA
	9/18/2001	——— Well Has Been Buried ———				
	12/20/2001	—Could Not Locate—				
	3/13/2002	19.09	NP	-	16.74	NA
	6/24/2002	19.58	NP	-	16.25	NA
	9/26/2002	20.00	NP	-	15.83	NA
	12/20/2002	20.08	NP	-	15.75	NA
	3/17/2003	19.17	NP	-	16.66	NA
	6/26/2003	19.52	NP	-	16.31	NA
	9/24/2003	19.88	NP	-	15.95	NA
	12/31/2003	—Well Covered with Ice—				
	3/29/2004	19.07	NP	-	16.76	NA
	6/29/2004	19.96	NP	-	15.87	NA
	9/27/2004	19.88	NP	-	15.95	NA
	12/14/2004	19.76	NP	-	16.07	NA
	3/7/2005	20.92	NP	-	14.91	NA
	6/20/2005	19.57	NP	-	16.26	NA
	9/19/2005	19.89	NP	-	15.94	NA
	12/12/2005	19.40	NP	-	16.43	NA
	3/13/2006	18.42	NP	-	17.41	NA
	6/26/2006	—Unable to locate well; under sand—				
	9/25/2006	19.08	NP	-	16.75	NA
	12/11/2006	NM	NM	NM	NM	NA
	3/19/2007	**18.69**	**NP**	-	**17.14**	**NA**

COPPOR00007661

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-38	9/26/2002	20.91	20.69	0.22	15.74	NA
(36.65)	12/20/2002	20.53	20.75	0.22	16.12	NA
	3/17/2003	19.71	NP	-	16.94	NA
	6/26/2003	20.10	NP	-	16.55	NA
	9/24/2003	Dry at 20.41 feet bgs				
	12/30/2003	19.93	NP	-	16.72	NA
	3/29/2004	dry	NP	-	-	NA
	6/29/2004	Dry at 20.23 feet bgs				
	9/27/2004	dry	NP	-	-	NA
	6/20/2005	20.10	NP	-	16.55	NA
	9/19/2005	20.22	NP	-	16.43	NA
	12/12/2005	19.91	NP	-	16.74	NA
	3/13/2006	18.90	NP	-	17.75	NA
	6/26/2006	dry	NP	-	-	NA
	9/25/2006	19.60	NP	-	17.05	NA
	12/11/2006	19.71	NP	-	16.94	NA
	3/19/2007	**19.26**	**NP**	-	**17.39**	**NA**
B-40	2/14/2000	17.34	NP	-	17.36	1
(34.70)	5/22/2000	18.28	17.48	0.80	17.06	5.5
	8/22/2000	19.65	18.21	1.44	16.20	0.6
	11/27/2000	20.03	18.55	1.48	15.85	1.25
	2/20/2001	19.85	18.54	1.31	15.90	1.3
	5/15/2001	19.88	18.58	1.30	15.86	0.85
	9/18/2001	20.90	19.07	1.83	15.26	1
	12/20/2001	18.35	17.36	0.99	17.14	0.65
	3/13/2002	17.51	17.32	0.19	17.34	0.85
	6/24/2002	18.36	18.24	0.12	16.44	0.30
	9/26/2002	19.22	18.53	0.69	16.03	0.46
	12/20/2002	18.27	18.81	0.54	16.86	0.57
	3/17/2003	18.12	17.45	0.67	17.12	0.30
	6/26/2003	18.47	18.30	0.17	16.37	0.10
	9/24/2003	18.61	18.51	0.10	16.17	0.10
	12/30/2003	17.64	17.58	0.06	17.11	0.10
	3/29/2004	17.70	17.69	0.01	17.01	0.10
	6/29/2004	18.58	sheen	-	16.05	NA
	9/27/2004	18.76	sheen	-	15.87	0.10
	12/14/2004	18.18	18.17	0.01	16.53	0.20
	3/7/2005	18.35	sheen	-	16.35	0.70
	6/20/2005	18.37	18.36	0.01	16.34	0.20
	9/19/2005	18.55	sheen	-	16.15	0.12
	12/12/2005	17.71	16.81	0.90	17.71	0.30
	3/13/2006	17.14	NP	-	17.56	0.00
	6/26/2006	17.76	NP	-	16.94	0.00
	9/25/2006	18.01	NP	-	16.69	0.11
	12/11/2006	18.22	17.95	0.27	16.70	0.20
	3/19/2007	**15.57**	**NP**	-	**19.13**	**0.30**
B-41	2/14/2000	17.73	NP	-	16.90	NA
(34.63)	5/22/2000	18.89	NP	-	15.74	NA
	8/22/2000	18.44	NP	-	16.19	NA
	11/27/2000	18.81	NP	-	15.82	NA
	2/20/2001	18.78	sheen	-	15.85	NA
	5/15/2001	18.78	NP	-	15.85	NA
	9/18/2001	Well Has Been Buried				
	12/20/2001	16.86	NP	-	17.77	NA
	3/13/2002	20.07	20.03	0.04	14.59	NA
	6/24/2002	20.54	20.52	0.02	14.11	NA
	9/26/2002	18.75	18.72	0.03	15.90	NA
	Well Abandoned December 9, 2002					

COPPOR00007662

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-41A	12/20/2002	19.13	NP	-	16.00	NA
(35.13)	3/17/2003	18.40	NP	-	16.73	NA
	6/26/2003	18.73	NP	-	16.40	NA
	9/24/2003	19.10	NP	-	16.03	NA
	12/30/2003	18.61	NP	-	16.52	NA
	3/29/2004	18.32	NP	-	16.81	NA
	6/29/2004	18.82	NP	-	16.31	NA
	9/27/2004	19.11	NP	-	16.02	NA
	12/14/2004	19.00	NP	-	16.13	NA
	3/7/2005	19.07	NP	-	16.06	NA
	6/20/2005	18.80	NP	-	16.33	NA
	9/19/2005	19.13	NP	-	16.00	NA
	12/12/2005	18.65	NP	-	16.48	NA
	3/13/2006	17.71	NP	-	17.42	NA
	6/26/2006	18.25	NP	-	16.88	NA
	9/25/2006	18.60	NP	-	16.53	NA
	12/11/2006	18.54	NP	-	16.59	NA
	3/19/2007	**18.04**	**NP**	-	**17.09**	**NA**
DW-1	2/14/2000	18.87	NP	-	17.06	NA
(35.93)	5/22/2000	18.94	NP	-	16.99	NA
	8/22/2000	19.51	NP	-	16.42	NA
	11/27/2000	19.88	NP	-	16.05	NA
	2/20/2001	19.83	NP	-	16.10	NA
	5/15/2001	19.87	NP	-	16.06	NA
	9/18/2001	20.19	NP	-	15.74	NA
	12/20/2001	19.56	NP	-	16.37	NA
	3/13/2002	18.96	NP	-	16.97	NA
	6/24/2002	19.38	NP	-	16.55	NA
	9/26/2002	19.77	NP	-	16.16	NA
	12/20/2002	19.77	NP	-	16.16	NA
	3/17/2003	18.85	NP	-	17.08	NA
	6/26/2003	19.33	NP	-	16.60	NA
	9/24/2003	19.66	NP	-	16.27	NA
	12/30/2003	19.27	NP	-	16.66	NA
	3/29/2004	18.87	NP	-	17.06	NA
	6/29/2004	19.39	NP	-	16.54	NA
	9/27/2004	19.69	NP	-	16.24	NA
	12/14/2004	19.65	NP	-	16.28	NA
	3/7/2005	19.66	NP	-	16.27	NA
	6/20/2005	19.41	NP	-	16.52	NA
	9/19/2005	19.71	NP	-	16.22	NA
	12/12/2005	19.30	NP	-	16.63	NA
	3/13/2006	18.30	NP	-	17.63	NA
	6/26/2006	18.85	NP	-	17.08	NA
	9/25/2006	19.15	NP	-	16.78	NA
	12/11/2006	19.12	NP	-	16.81	NA
	3/19/2007	**18.62**	**NP**	-	**17.31**	**NA**

COPPOR00007663

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
DW-2	2/14/2000	18.91	NP	-	17.14	NA
(36.05)	5/22/2000	19.03	NP	-	17.02	NA
	8/22/2000	19.62	NP	-	16.43	NA
	11/27/2000	10.01	NP	-	26.04	NA
	2/20/2001	20.02	NP	-	16.03	NA
	5/15/2001	20.00	NP	-	16.05	NA
	9/18/2001	20.35	NP	-	15.70	NA
	12/20/2001	19.62	NP	-	16.43	NA
	3/13/2002	19.06	NP	-	16.99	NA
	6/24/2002	19.44	NP	-	16.61	NA
	9/26/2002	19.85	NP	-	16.20	NA
	12/20/2002	19.88	NP	-	16.17	NA
	3/17/2003	18.97	NP	-	17.08	NA
	6/26/2003	19.40	NP	-	16.65	NA
	9/24/2003	19.78	NP	-	16.27	NA
	12/30/2003	19.37	NP	-	16.68	NA
	3/29/2004	18.97	NP	-	17.08	NA
	6/29/2004	19.46	NP	-	16.59	NA
	9/27/2004	19.85	NP	-	16.20	NA
	12/14/2004	19.75	NP	-	16.30	NA
	3/7/2005	19.74	NP	-	16.31	NA
	6/20/2005	19.49	NP	-	16.56	NA
	9/19/2005	19.81	NP	-	16.24	NA
	12/12/2005	19.41	NP	-	16.64	NA
	3/13/2006	18.40	NP	-	17.65	NA
	6/26/2006	18.89	NP	-	17.16	NA
	9/25/2006	19.25	NP	-	16.80	NA
	12/11/2006	19.23	19.22	0.01	16.83	NA
	3/19/2007	**18.69**	**NP**	**-**	**17.36**	**NA**
EX-39	2/14/2000	17.42	17.09	0.33	15.93	10
(33.09)	5/22/2000	17.35	17.29	0.06	15.79	5
	8/22/2000	17.98	17.95	0.03	15.13	0.1
	11/27/2000	18.38	sheen	-	14.71	0.1
	2/20/2001	18.49	18.36	0.13	14.70	2.55
	5/15/2001	19.29	18.19	1.10	14.68	5.0
	9/18/2001	—— Well Has Been Buried ——				
	12/20/2001	---Well Damaged During Construction Activities---				
	3/13/2002	---Well Damaged During Construction Activities---				
	6/24/2002	---Well Damaged During Construction Activities---				
	9/26/2002	---Well Damaged During Construction Activities---				
	—— Well Abandoned December 9, 2002 ——					
EX-39B	12/20/2002	18.85	18.67	0.02	15.80	0.10
(34.63)	3/17/2003	18.15	18.13	0.02	16.50	0.10
	6/26/2003	18.71	18.71	sheen	15.92	0.05
	9/24/2003	18.98	NP	-	15.65	NA
	12/30/2003	18.30	sheen	sheen	16.33	NA
	3/29/2004	18.12	NP	-	16.51	NA
	6/29/2004	18.37	NP	-	16.26	NA
	9/27/2004	18.83	NP	-	15.80	NA
	12/14/2004	21.18	NP	-	13.45	NA
	3/7/2005	18.97	sheen	-	15.66	0.20
	6/20/2005	16.85	NP	-	17.78	0.10
	9/19/2005	16.65	NP	-	17.98	NA
	12/12/2005	16.67	NP	-	17.96	NA
	3/13/2006	17.20	sheen	-	17.43	0.00
	6/26/2006	18.00	sheen	-	16.63	NA
	9/25/2006	18.68	sheen	-	15.95	NA
	12/11/2006	**	18.33	-	-	NA
	3/19/2007	**NM**	**NM**	**NM**	**NM**	**NA**

COPPOR00007664

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
IT-E	2/14/2000	19.01	NP	-	17.06	NA
(36.07)	5/22/2000	19.03	NP	-	17.04	NA
	8/22/2000	19.93	NP	-	16.14	NA
	11/27/2000	20.12	NP	-	15.95	NA
	2/20/2001	20.11	NP	-	15.96	NA
	5/15/2001	20.29	NP	-	15.78	NA
	9/18/2001	20.65	NP	-	15.42	NA
	12/20/2001	---Could Not Access Well---				
	3/13/2002	19.31	NP	-	16.76	NA
	6/24/2002	19.80	NP	-	16.27	NA
	9/26/2002	20.18	NP	-	15.89	NA
	12/20/2002	19.95	NP	-	16.12	NA
	3/17/2003	19.25	NP	-	16.82	NA
	6/26/2003	19.68	NP	-	16.39	NA
	9/24/2003	20.01	NP	-	16.06	NA
	12/30/2003	19.45	NP	-	16.62	NA
	3/29/2004	19.28	NP	-	16.79	NA
	6/29/2004	19.79	NP	-	16.28	NA
	9/27/2004	20.05	NP	-	16.02	NA
	12/14/2004	20.00	NP	-	16.07	NA
	3/7/2005	20.11	NP	-	15.96	NA
	6/20/2005	19.74	NP	-	16.33	NA
	9/19/2005	20.18	NP	-	15.89	NA
	12/12/2005	19.65	NP	-	16.42	NA
	3/13/2006	18.62	NP	-	17.45	NA
	6/26/2006	19.30	NP	-	16.77	NA
	9/25/2006	19.65	NP	-	16.42	NA
	12/11/2006	19.47	NP	-	16.60	NA
	3/19/2007	**18.97**	**NP**	**-**	**17.10**	**NA**
IT-W	2/14/2000	17.46	NP	-	18.53	NA
(35.99)	5/22/2000	17.75	NP	-	18.24	NA
	8/22/2000	18.17	NP	-	17.82	NA
	11/27/2000	18.51	NP	-	17.48	NA
	2/20/2001	18.43	NP	-	17.56	NA
	5/15/2001	18.33	NP	-	17.66	NA
	9/18/2001	18.68	NP	-	17.31	NA
	12/20/2001	17.76	NP	-	18.23	NA
	3/13/2002	17.50	NP	-	18.49	NA
	6/24/2002	17.98	NP	-	18.01	NA
	9/26/2002	18.40	NP	-	17.59	NA
	12/20/2002	18.28	NP	-	17.71	NA
	3/17/2003	17.70	NP	-	18.29	NA
	6/26/2003	17.94	NP	-	18.05	NA
	9/24/2003	18.42	NP	-	17.57	NA
	12/30/2003	17.81	NP	-	18.18	NA
	3/29/2004	17.61	NP	-	18.38	NA
	6/29/2004	18.10	NP	-	17.89	NA
	9/27/2004	18.45	NP	-	17.54	NA
	12/14/2004	18.37	NP	-	17.62	NA
	3/7/2005	18.31	NP	-	17.68	NA
	6/20/2005	18.02	NP	-	17.97	NA
	9/19/2005	18.46	NP	-	17.53	NA
	12/12/2005	17.94	NP	-	18.05	NA
	3/13/2006	17.22	NP	-	18.77	NA
	6/26/2006	17.78	NP	-	18.21	NA
	9/25/2006	18.18	NP	-	17.81	NA
	12/11/2006	17.68	NP	-	18.31	NA
	3/19/2007	**17.35**	**NP**	**-**	**18.64**	**NA**

COPPOR00007665

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
P-1	2/14/2000	6.26	NP	-	11.98	NA
(18.24)	5/22/2000	6.89	NP	-	11.35	NA
	8/22/2000	10.51	NP	-	7.73	NA
	11/27/2000	8.62	NP	-	9.62	NA
	2/20/2001	9.14	NP	-	9.10	NA
	5/15/2001	9.17	NP	-	9.07	NA
	9/18/2001	9.97	NP	-	8.27	NA
	12/20/2001	6.01	NP	-	12.23	NA
	3/13/2002	7.07	NP	-	11.17	NA
	6/24/2002	5.89	NP	-	12.35	NA
	9/26/2002	9.13	NP	-	9.11	NA
	12/20/2002	7.87	NP	-	10.37	NA
	3/17/2003	8.38	NP	-	9.86	NA
	6/26/2003	Dry at 10 feet bgs				
	9/24/2003	9.62	NP	-	8.62	NA
	12/30/2003	7.21	NP	-	11.03	NA
	3/29/2004	8.17	NP	-	10.07	NA
	6/29/2004	7.89	NP	-	10.35	NA
	9/27/2004	9.19	NP	-	9.05	NA
	12/14/2004	6.79	NP	-	11.45	NA
	3/7/2005	9.16	NP	-	9.08	NA
	6/20/2005	8.80	NP	-	9.44	NA
	9/19/2005	Dry	NP	-	Dry	NA
	12/12/2005	8.38	NP	-	9.86	NA
	3/13/2006	8.56	NP	-	9.68	NA
	6/26/2006	7.60	NP	-	10.64	NA
	9/25/2006	9.03	NP	-	9.21	NA
	12/11/2006	7.40	NP	-	10.84	NA
	3/19/2007	7.54	NP	-	10.70	NA
P-2	2/14/2000	4.18	NP	-	13.67	NA
(17.85)	5/22/2000	4.66	NP	-	13.19	NA
	8/22/2000	5.27	NP	-	12.58	NA
	11/27/2000	5.28	NP	-	12.57	NA
	2/20/2001	5.32	NP	-	12.53	NA
	5/15/2001	5.18	NP	-	12.67	NA
	9/18/2001	5.50	NP	-	12.35	NA
	12/20/2001	4.21	NP	-	13.64	NA
	3/13/2002	4.40	NP	-	13.45	NA
	6/24/2002	3.26	NP	-	14.59	NA
	9/26/2002	5.74	NP	-	12.11	NA
	12/20/2002	5.93	NP	-	11.92	NA
	3/17/2003	4.84	NP	-	13.01	NA
	6/26/2003	5.31	NP	-	12.54	NA
	9/24/2003	5.70	NP	-	12.15	NA
	12/30/2003	4.66	NP	-	13.19	NA
	3/29/2004	4.97	NP	-	12.88	NA
	6/29/2004	5.35	NP	-	12.50	NA
	9/27/2004	5.95	NP	-	11.90	NA
	12/14/2004	4.98	NP	-	12.87	NA
	3/7/2005	5.52	NP	-	12.33	NA
	6/20/2005	5.55	NP	-	12.30	NA
	9/19/2005	5.89	NP	-	11.96	NA
	12/12/2005	5.04	NP	-	12.81	NA
	3/13/2006	4.39	NP	-	13.46	NA
	6/26/2006	4.90	NP	-	12.95	NA
	Well Abandoned					

COPPOR00007666

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
RES-N	2/14/2000	20.90	NP	-	17.68	NA
(38.58)	5/22/2000	21.01	NP	-	17.57	NA
	8/22/2000	21.58	NP	-	17.00	NA
	11/27/2000	21.95	NP	-	16.63	NA
	2/20/2001	21.98	NP	-	16.60	NA
	5/15/2001	21.94	NP	-	16.64	NA
	9/18/2001	22.27	NP	-	16.31	NA
	12/20/2001	21.55	NP	-	17.03	NA
	3/13/2002	21.02	NP	-	17.56	NA
	6/24/2002	21.41	NP	-	17.17	NA
	9/26/2002	21.79	NP	-	16.79	NA
	12/20/2002	21.83	NP	-	16.75	NA
	6/26/2003	21.35	NP	-	17.23	NA
	9/24/2003	21.72	NP	-	16.86	NA
	12/30/2003	21.34	NP	-	17.24	NA
	3/29/2004	20.93	NP	-	17.65	NA
	9/27/2004	21.15	NP	-	17.43	NA
	12/14/2004	21.66	NP	-	16.92	NA
	3/7/2005	21.70	NP	-	16.88	NA
	6/20/2005	21.44	NP	-	17.14	NA
	9/19/2005	21.74	NP	-	16.84	NA
	12/12/2005	21.37	NP	-	17.21	NA
	3/13/2006	20.40	NP	-	18.18	NA
	6/26/2006	22.00	NP	-	16.58	NA
	9/25/2006	21.24	NP	-	17.34	NA
	12/11/2006	21.19	sheen	-	17.39	NA
	3/19/2007	**19.66**	**NP**	-	**18.92**	**NA**
RES-O	2/14/2000	16.89	NP	-	19.14	NA
(36.03)	5/22/2000	17.29	NP	-	18.74	NA
	8/22/2000	17.86	NP	-	18.17	NA
	11/27/2000	18.38	NP	-	17.65	NA
	2/20/2001	NM	NP	-	-	NA
	5/15/2001	18.04	NP	-	17.99	NA
	9/18/2001	18.43	NP	-	17.60	NA
	12/20/2001	17.63	NP	-	18.40	NA
	3/13/2002	16.87	NP	-	19.16	NA
	6/24/2002	18.52	NP	-	17.51	NA
	9/26/2002	19.23	NP	-	16.80	NA
	12/20/2002	18.35	NP	-	17.68	NA
	3/17/2003	17.18	NP	-	18.85	NA
	6/26/2003	17.40	NP	-	18.63	NA
	9/24/2003	18.25	NP	-	17.78	NA
	12/30/2003	17.56	NP	-	18.47	NA
	3/29/2004	16.74	NP	-	19.29	NA
	6/29/2004	No Access To Well				
	9/27/2004	No Access To Well				
	12/14/2004	15.74	NP	-	20.29	NA
	3/7/2005	16.29	NP	-	19.74	NA
	6/20/2005	15.29	sheen	-	20.74	NA
	9/19/2005	15.92	NP	-	20.11	NA
	12/12/2005	15.28	NP	-	20.75	NA
	3/13/2006	14.05	NP	-	21.98	NA
	6/26/2006	14.99	NP	-	21.04	NA
	9/25/2006	15.97	NP	-	20.06	NA
	12/11/2006	15.02	NP	-	21.01	NA
	3/19/2007	**14.26**	**NP**	-	**21.77**	**NA**

COPPOR00007667

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
U-2	2/14/2000	15.31	NP	-	19.71	NA
(35.02)	5/22/2000	15.41	NP	-	19.61	NA
	8/22/2000	16.13	NP	-	18.89	NA
	11/27/2000	16.81	NP	-	18.21	NA
	2/20/2001	16.81	NP	-	18.21	NA
	5/15/2001	16.82	NP	-	18.20	NA
	9/18/2001	17.20	NP	-	17.82	NA
	12/20/2001	16.99	NP	-	18.03	NA
	3/13/2002	15.59	NP	-	19.43	NA
	6/24/2002	15.80	NP	-	19.22	NA
	9/26/2002	16.50	NP	-	18.52	NA
	12/20/2002	16.95	NP	-	18.07	NA
	3/17/2003	15.77	NP	-	19.25	NA
	6/26/2003	15.89	NP	-	19.13	NA
	9/24/2003	16.42	NP	-	18.60	NA
	12/30/2003	16.28	NP	-	18.74	NA
	3/29/2004	15.06	NP	-	19.96	NA
	6/29/2004	15.79	NP	-	19.23	NA
	9/27/2004	16.30	NP	-	18.72	NA
	12/14/2004	16.59	NP	-	18.43	NA
	3/7/2005	17.52	NP	-	17.50	NA
	6/20/2005	15.82	NP	-	19.20	NA
	9/19/2005	16.42	NP	-	18.60	NA
	12/12/2005	15.96	NP	-	19.06	NA
	3/13/2006	14.22	NP	-	20.80	NA
	6/26/2006	15.02	NP	-	20.00	NA
	9/25/2006	16.07	NP	-	18.95	NA
	12/11/2006	15.67	NP	-	19.35	NA
	3/19/2007	**14.63**	**NP**	-	**20.39**	**NA**
U-3	2/14/2000	12.95	NP	-	22.30	NA
(35.25)	5/22/2000	13.55	NP	-	21.70	NA
	8/22/2000	14.19	NP	-	21.06	NA
	11/27/2000	15.68	NP	-	19.57	NA
	2/20/2001	14.38	NP	-	20.87	NA
	5/15/2001	14.26	NP	-	20.99	NA
	9/18/2001	14.89	NP	-	20.36	NA
	12/20/2001	13.22	NP	-	22.03	NA
	3/13/2002	13.01	NP	-	22.24	NA
	6/24/2002	13.57	NP	-	21.68	NA
	9/26/2002	14.39	NP	-	20.86	NA
	12/20/2002	14.23	NP	-	21.02	NA
	3/17/2003	13.97	NP	-	21.28	NA
	6/26/2003	13.56	NP	-	21.69	NA
	9/24/2003	14.54	NP	-	20.71	NA
	12/30/2003	13.41	NP	-	21.84	NA
	3/29/2004	12.83	NP	-	22.42	NA
	6/29/2004	14.75	NP	-	20.50	NA
	9/27/2004	14.21	NP	-	21.04	NA
	12/14/2004	13.98	NP	-	21.27	NA
	3/7/2005	14.02	NP	-	21.23	NA
	6/20/2005	13.68	NP	-	21.57	NA
	9/19/2005	14.49	NP	-	20.76	NA
	12/12/2005	13.43	NP	-	21.82	NA
	3/13/2006	12.58	NP	-	22.67	NA
	6/26/2006	14.27	NP	-	20.98	NA
	9/25/2006	15.24	NP	-	20.01	NA
	12/11/2006	15.08	NP	-	20.17	NA
	3/19/2007	**13.54**	**NP**	-	**21.71**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
U-4	2/14/2000	15.86	15.77	0.09	18.67	2.5
(34.46)	5/22/2000	16.03	NP	-	18.43	NA
	8/22/2000	16.38	NP	-	18.08	NA
	11/27/2000	16.83	NP	-	17.63	NA
	2/20/2001	16.85	sheen	-	17.61	NA
	5/15/2001	16.61	16.57	0.04	17.88	0.1
	9/18/2001	19.96	sheen	-	14.50	0.1
	12/20/2001	16.37	16.30	0.07	18.15	0.11
	3/13/2002	15.60	NP	-	18.86	0.11
	6/24/2002	15.50	NP	-	18.96	0.06
	9/26/2002	17.64	NP	-	16.82	NA
	12/20/2002	16.77	NP	-	17.69	NA
	3/17/2003	16.05	15.80	0.25	18.61	0.35
	6/26/2003	16.10	15.98	0.12	18.46	0.18
	9/24/2003	16.68	16.61	0.07	17.84	0.1
	12/30/2003	16.28	NP	-	18.18	NA
	3/29/2004	15.45	15.43	0.02	19.03	0.2
	6/29/2004	16.14	NP	-	18.32	NA
	9/27/2004	16.55	NP	-	17.91	NA
	12/14/2004	16.50	NP	-	17.96	NA
	3/7/2005	16.35	NP	-	18.11	NA
	6/20/2005	15.90	NP	-	18.56	NA
	9/19/2005	16.48	16.45	0.03	18.00	0.1
	12/12/2005	16.15	NP	-	18.31	NA
	3/13/2006	14.25	sheen	-	20.21	0
	6/26/2006	15.50	sheen	-	18.96	NA
	9/25/2006	16.21	sheen		18.25	0.1
	12/11/2006	15.76	15.75	0.01	18.71	0.1
	3/19/2007	**14.56**	**NP**	**-**	**19.90**	**0.3**
U-5	2/14/2000	17.85	NP	-	16.28	NA
(34.13)	5/22/2000	18.03	NP	-	16.10	NA
	8/22/2000	19.02	NP	-	15.11	NA
	11/27/2000	19.03	NP	-	15.10	NA
	2/20/2001	19.44	NP	-	14.69	NA
	5/15/2001	19.57	19.22	0.35	14.84	0.65
	9/18/2001	20.04	20.02	0.02	14.11	0.6
	12/20/2001	—Unable to Locate—				
	3/13/2002	—Inaccessible - Covered by Sand—				
	6/24/2002	—Inaccessible - Covered by Sand—				
	9/26/2002	19.63	19.41	0.22	14.68	0.20
	12/20/2002	19.49	NP	-	14.64	0.42
	3/17/2003	17.99	NP	-	16.14	NA
	6/26/2003	19.17	NP	-	14.96	NA
	9/24/2003	19.42	NP	-	14.71	NA
	12/30/2003	18.80	NP	-	15.33	NA
	3/29/2004	18.39	NP	-	15.74	NA
	6/29/2004	19.00	NP	-	15.13	NA
	9/27/2004	19.14	Sheen	-	14.99	NA
	12/14/2004	18.55	NP	-	15.58	NA
	3/7/2005	19.23	NP	-	14.90	0.1
	6/20/2005	18.95	NP	-	15.18	NA
	9/19/2005	18.93	NP	-	15.20	0.1
	12/12/2005	18.09	NP	-	16.04	NA
	3/13/2006	17.06	NP	-	17.07	NA
	6/26/2006	—Unable to locate well; under sand—				
	9/25/2006	18.86	18.80	0.06	15.27	NA
	12/11/2006	NM	NM	NM	NM	0.1
	3/19/2007	**18.00**	**NP**	**-**	**16.13**	**NA**

COPPOR00007669

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
U-5A	2/14/2000	6.46	NP	-	27.31	NA
(33.77)	5/22/2000	7.00	6.99	0.01	26.78	1
	8/22/2000	8.58	8.57	0.01	25.20	0.1
	11/27/2000	9.71	NP	-	24.06	0.1
	2/20/2001	9.04	NP	-	24.73	0.1
	5/15/2001	8.99	sheen	-	24.78	NA
	9/18/2001	10.29	sheen	-	23.48	0.1
	12/20/2001	7.81	NP	-	25.96	NA
	3/13/2002	6.51	NP	-	27.26	NA
	6/24/2002	7.60	NP	-	26.17	NA
	9/26/2002	9.31	NP	-	24.46	NA
	12/20/2002	9.43	NP	-	24.34	NA
	3/17/2003	7.03	NP	-	26.74	NA
	6/26/2003	7.41	NP	-	26.36	NA
	9/24/2003	9.16	NP	-	24.61	NA
	12/30/2003	7.79	NP	-	25.98	NA
	3/29/2004	6.49	NP	-	27.28	NA
	6/29/2004	7.76	7.75	0.01	26.02	NA
	9/27/2004	9.03	8.98	0.05	24.78	NA
	12/14/2004	8.60	NP	-	25.17	0.1
	3/7/2005	8.22	sheen	-	25.55	0.2
	6/20/2005	7.41	sheen	-	26.36	0.1
	9/19/2005	19.14	NP	-	14.63	0.1
	12/12/2005	7.91	sheen	-	25.86	0.3
	3/13/2006	5.32	NP	-	28.45	0.2
	6/26/2006	6.83	NP	-	26.94	NA
	9/25/2006	**	8.68	**	NM	NA
	12/11/2006	7.31	7.30	0.01	26.47	0.2
	3/19/2007	**5.98**	**5.96**	**0.02**	**27.81**	**0.1**
U-10	6/26/2003	4.76	NP	-	NM	NA
	9/24/2003	5.00	NP	-	NM	NA
	12/30/2003	3.65	NP	-	NM	NA
	3/29/2004	4.45	NP	-	NM	NA
	9/27/2004	5.03	NP	-	NM	NA
	12/14/2004	4.10	NP	-	NM	NA
	3/7/2005	5.12	NP	-	NM	NA
	6/20/2005	4.94	NP	-	NM	NA
	9/19/2005	5.26	NP	-	NM	NA
	12/12/2005	4.11	sheen	-	NM	NA
	3/13/2006	3.45	NP	-	NM	NA
	6/26/2006	3.96	NP	-	NM	NA
	Well Abandoned					
U-11	6/26/2003	3.30	NP	-	NM	NA
	9/24/2003	3.29	NP	-	NM	NA
	12/30/2003	2.51	NP	-	NM	NA
	3/29/2004	2.94	NP	-	NM	NA
	9/27/2004	3.91	NP	-	NM	NA
	12/14/2004	2.35	NP	-	NM	NA
	3/7/2005	3.43	NP	-	NM	NA
	6/20/2005	3.95	NP	-	NM	NA
	9/19/2005	4.11	NP	-	NM	NA
	12/12/2005	3.09	NP	-	NM	NA
	3/13/2006	2.40	NP	-	NM	NA
	6/26/2006	2.38	NP	-	NM	NA
	Well Abandoned					

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
U-12	6/26/2003	3.08	NP	-	NM	NA
	9/24/2003	3.17	NP	-	NM	NA
	12/30/2003	2.98	NP	-	NM	NA
	3/29/2004	2.97	NP	-	NM	NA
	9/27/2004	4.14	NP	-	NM	NA
	12/14/2004	3.18	NP	-	NM	NA
	3/7/2005	3.72	NP	-	NM	NA
	6/20/2005	3.66	NP	-	NM	NA
	9/19/2005	4.14	NP	-	NM	NA
	12/12/2005	3.44	NP	-	NM	NA
	3/13/2006	2.51	NP	-	NM	NA
	6/26/2006	2.82	NP	-	NM	NA
			Well Abandoned			
U-13	12/14/2004	15.93	NP	-		
(35.77)	3/7/2005	14.51	14.45	0.01	NM	NA
	6/20/2005	14.71	14.47	0.24	NM	0.1
	9/19/2005	16.30	15.72	0.58	NM	0.2
	12/12/2005	15.28	14.93	0.35	NM	0.3
	3/13/2006	12.79	12.45	0.34	NM	1.15
	6/26/2006	13.92	13.64	0.28	NM	NA
	9/25/2006	15.52	15.35	0.17	20.39	0.65
	12/11/2006	13.98	NP	-	21.79	0.65
	3/19/2007	**13.27**	**13.10**	**0.17**	**22.64**	**0.6**
U-14	8/18/2006	14.65	NP	-	NM	NA
(37.21)	9/25/2006	15.22	NP	-	21.99	NA
	12/11/2006	13.21	NP	-	24.00	NA
	3/19/2007	**12.66**	**NP**	**-**	**24.55**	**NA**
U-15	8/18/2006	14.18	NP	-	NM	NA
(35.57)	9/25/2006	14.95	NP	-	20.62	NA
	12/11/2006	NM	NM	NM	NM	NA
	3/19/2007	**12.90**	**NP**	**-**	**22.67**	**NA**
U-16	8/18/2006	13.46	NP	-	NM	NA
(36.08)	9/25/2006	14.35	NP	-	21.73	NA
	12/11/2006	13.32	NP	-	22.76	NA
	3/19/2007	**12.19**	**NP**	**-**	**23.89**	**NA**
U-17	8/18/2006	14.21	NP	-	NM	NA
(35.77)	9/25/2006	14.86	NP	-	20.91	NA
	12/11/2006	14.19	NP	-	21.58	NA
	3/19/2007	**12.72**	**NP**	**-**	**23.05**	**NA**
U-18	**3/19/2007**	**8.08**	**NP**	**-**	**27.69**	**NA**
(34.83)	-	-	-	-	-	-
U-19	**3/19/2007**	**14.89**	**NP**	**-**	**20.88**	**NA**
(34.22)	-	-	-	-	-	-
U-20	**3/19/2007**	**13.50**	**NP**	**-**	**21.89**	**NA**
(35.39)	-	-	-	-	-	-
U-21	**3/19/2007**	**13.71**	**NP**	**-**	**22.03**	**NA**
(35.74)	-	-	-	-	-	-

NOTES:
NP = No measurable product
NA = Not Applicable
NM = Not Measured
* = SPH Recovered for latest quarter monitored
** - Unable to determine due to SPH viscosity
- = No Measurable Product Thickness
GWE = TOC -(DTW - (0.8 x DTP - DTW)) Where 0.8 = The density of the SPH

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
CHEVRON									
B-7	02/18/00	-	-	-	ND	20.1	ND	44.8	-
	05/23/00	-	-	-	ND	0.678	1.41	1.22	-
dup	05/23/00	-	-	-	ND	0.691	1.06	ND	-
	08/25/00	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	11/30/00	-	-	-	NS/S	NS/S	NS/S	NS/S	-
	02/22/01	-	-	-	0.690	0.736	ND	ND	-
	05/17/01	-	-	-	ND	0.700	ND	ND	-
	03/20/03	-	-	-	ND	0.740	ND	ND	-
	09/29/03	-	-	-	<0.500	0.870	<0.500	1.93	-
	03/30/04	-	-	-	<0.500	0.750	<0.500	<1.00	-
	03/09/05	-	-	-	<1.00	<1.00	<1.00	<2.00	1.54
dup	03/09/05	-	-	-	<1.00	<1.00	<1.00	<2.00	1.51
	09/22/05	-	-	-	<1.00	<1.00	<1.00	<3.00	1.08
B-9	05/23/00	-	-	-	ND	0.535	0.737	ND	-
	08/25/00	-	-	-	ND	ND	ND	ND	-
	11/30/00	-	-	-	ND	ND	ND	ND	-
	02/22/01	-	-	-	ND	ND	ND	ND	-
	05/17/01	-	-	-	ND	ND	ND	ND	-
	09/19/01	-	-	-	ND	ND	0.913	ND	-
	03/21/02	-	-	-	ND	ND	ND	ND	-
	09/24/02	-	-	-	ND	ND	ND	ND	-
	03/20/03	-	-	-	ND	ND	ND	ND	-
	03/30/04	-	-	-	<0.500	0.560	<0.500	<1.00	-
	10/06/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/08/05	-	-	-	<1.00	<1.00	<1.00	<2.00	<1.00
	06/22/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	09/21/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	09/26/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/22/07	-	-	-	<0.200	<1.00	<1.00	<2.00	<1.00
B-10	02/18/00	-	-	-	3.85	4.42	8.78	14.7	-
dup	02/18/00	-	-	-	3.72	4.1	7.8	13.8	-
	05/23/00	-	-	-	3.72	4.1	7.8	13.8	-
dup	05/23/00	-	-	-	1.2	2.93	4.14	6.53	-
	08/25/00	-	-	-	1.40	2.80	1.45	4.80	-
	11/30/00	-	-	-	1.20	2.69	ND	4.60	-
	02/23/01	-	-	-	3.74	0.983	3.94	6.78	-
	05/17/01	-	-	-	4.87	1.25	4.36	8.56	-
	09/19/01	-	-	-	0.711	ND	1.80	2.50	-
	03/21/02	-	-	-	3.15	2.60	1.19	2.43	-
	09/24/02	-	-	-	1.41	1.43	0.753	2.46	-
	03/20/03	-	-	-	0.680	1.76	ND	2.34	-
	09/29/03	-	-	-	2.26	1.60	0.781	4.29	-
	03/30/04	-	-	-	<0.500	1.42	<0.500	2.66	-
	10/06/04	-	-	-	0.810	2.62	<0.500	6.55	-
	03/08/05	-	-	-	<1.00	2.00	<1.00	2.89	<1.00
	09/21/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	03/14/06	-	-	-	<1.00	1.08	<1.00	<3.00	<1.00
	09/26/06	-	-	-	0.970	3.17	0.770	4.09	<2.00
	03/21/07	-	-	-	0.770	1.79	<1.00	6.20	<1.00
dup	03/21/07	-	-	-	0.720	1.74	<1.00	5.52	<1.00

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Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
B-11	02/18/00	-	-	-	29.2	6.14	4.36	14.1	-
	05/23/00	-	-	-	7.45	4.95	1.42	8.52	-
	08/25/00	-	-	-	11.2	6.53	2.39	11.2	-
	11/30/00	-	-	-	8.72	5.36	ND	ND	-
	02/22/01	-	-	-	24.2	2.13	5.11	8.98	-
	05/17/01	-	-	-	17.9	2.77	6.46	11.4	-
	03/30/04	-	-	-	9.20	4.74	0.790	5.90	-
	03/09/05	-	-	-	4.25	3.72	<1.00	4.18	<1.00
	06/22/05	-	-	-	3.03	3.77	<1.00	4.66	<1.00
	09/21/05	-	-	-	1.80	4.57	<1.00	5.63	<1.00
B-14	02/18/00	-	-	-	119	18.1	80	38	-
	05/23/00	-	-	-	125	15.9	69.2	30.7	-
	08/25/00	-	-	-	382	44.6	194	70.3	-
	11/30/00	-	-	-	292	37.3	148	52.4	-
	02/22/01	-	-	-	402	229	42.6	78.2	-
	05/17/01	-	-	-	332	190	37.4	56.2	-
B-19	03/20/03	-	-	-	7.76	2.09	0.620	2.51	-
	09/29/03	-	-	-	5.93	1.98	1.56	7.44	-
	03/29/04	-	-	-	2.26	1.32	<0.500	2.88	-
	03/09/05	-	-	-	5.53	2.57	<1.00	2.76	<1.00
	06/22/05	-	-	-	<1.00	2.02	<1.00	2.61	<1.00
	09/22/05	-	-	-	1.54	1.99	<1.00	3.60	<1.00
	03/14/06	-	-	-	<1.00	1.11	<1.00	2.21	<1.00
B-20	03/20/03	-	-	-	ND	ND	ND	ND	-
	09/29/03	-	-	-	<0.500	<0.500	<0.500	1.38	-
	03/30/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/09/05	-	-	-	<1.00	1.47	<1.00	1.15	<1.00
	09/22/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
B-21	09/19/01	-	-	-	ND	ND	1.47	ND	-
	03/21/02	-	-	-	ND	0.679	ND	ND	-
	09/24/02	-	-	-	ND	1.20	0.517	1.20	-
	03/20/03	-	-	-	ND	ND	ND	ND	-
	09/29/03	-	-	-	0.659	1.3	<0.500	2.20	-
	03/29/04	-	-	-	<0.500	0.720	<0.500	<1.00	-
	10/06/04	-	-	-	<0.500	<0.880	<0.500	<1.00	-
	03/08/05	-	-	-	<1.00	<1.00	<1.00	<2.00	17.4
	09/22/05	-	-	-	<1.00	1.15	<1.00	<3.00	11.2
	03/15/06	-	-	-	<1.00	<1.00	<1.00	<3.00	1.30
	09/26/06	-	-	-	0.460	0.980	<0.500	1.01	<2.00
	03/21/07	-	-	-	0.400	1.64	<1.00	<2.00	1.20
B-26	03/30/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/09/05	-	-	-	2.94	<1.00	12.5	2.36	<1.00
	06/22/05	-	-	-	11.9	<1.00	46.1	4.26	<1.00
	09/22/05	-	-	-	12.4	1.19	56.8	6.21	<1.00

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Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
B-28	02/18/00	-	-	-	0.754	0.368	0.545	0.986	-
	05/23/00	-	-	-	ND	ND	ND	ND	-
	08/25/00	-	-	-	ND	ND	ND	ND	-
	11/30/00	-	-	-	ND	ND	ND	ND	-
	02/23/01	-	-	-	ND	ND	ND	ND	-
	05/17/01	-	-	-	ND	ND	ND	ND	-
	09/20/01	-	-	-	2.12	2.93	ND	ND	-
	03/21/02	-	-	-	ND	ND	ND	ND	-
	09/24/02	-	-	-	ND	ND	ND	ND	-
	03/20/03	-	-	-	ND	ND	ND	ND	-
	09/29/03	-	-	-	0.699	<0.500	1.04	<1.00	-
	03/29/04	-	-	-	<0.500	<0.500	0.930	<1.00	-
	03/09/05	-	-	-	1.59		4.68	<1.00	<1.00
	09/21/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	03/14/06	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	09/28/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
B-29	09/20/01	-	-	-	1.30	ND	0.710	ND	-
	03/21/02	-	-	-	ND	ND	ND	ND	-
	09/24/02	-	-	-	ND	ND	ND	ND	-
	03/20/03	-	-	-	ND	ND	ND	ND	-
	09/29/03	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/29/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/09/05	-	-	-	<1.00	<1.00	<1.00	<2.00	<1.00
	09/21/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	03/14/06	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	09/28/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/22/07	-	-	-	<0.200	<1.00	<1.00	<2.00	<1.00
B-30	02/18/00	-	-	-	38.9	5.29	2.44	10.3	-
	05/23/00	-	-	-	18.8	2.53	0.682	4.57	-
	08/25/00	-	-	-	81.2	12.5	2.35	21.9	-
	11/30/00	-	-	-	59.6	10.0	1.92	18.8	-
	02/23/01	-	-	-	61.6	5.31	9.52	19.4	-
dup**	02/23/01	-	-	-	61.8	3.24	9.23	16.0	-
	05/17/01	-	-	-	95.1	4.12	18.0	14.6	-
	09/20/01	-	-	-	38.7	ND	5.66	ND	-
dup	09/20/01	-	-	-	38.6	ND	6.18	ND	-
	03/21/02	-	-	-	113	17.0	6.09	24.2	-
	09/24/02	-	-	-	30.1	6.60	1.56	12.0	-
dup***	09/24/02	-	-	-	28.0	6.42	1.44	11.3	-
	03/20/03	-	-	-	17.3	4.49	0.500	5.96	-
dup*	03/20/03	-	-	-	17.4	4.43	0.510	6.68	-
	09/29/03	-	-	-	32.6	7.34	1.62	12.2	-
	03/29/04	-	-	-	15.6	3.13	1.16	7.07	-
dup	03/29/04	-	-	-	17.5	3.38	1.24	7.32	-
	03/09/05	-	-	-	12.6	3.04	<1.00	6.26	<1.00
	06/22/05	-	-	-	19.6	4.53	1.06	7.80	<1.00
	09/21/05	-	-	-	15.1	2.75	<1.00	3.72	<1.00
dup****	09/21/05	-	-	-	18.9	3.17	<1.00	4.40	<1.00
	03/14/06	-	-	-	15.9	2.53	<1.00	4.15	<1.00
dup	03/14/06	-	-	-	15.8	2.51	1.02	4.42	<1.00
	09/28/06	-	-	-	48.9	8.50	1.51	12.1	<2.00
	03/22/07	-	-	-	28.5	1.09	<1.00	<2.00	<1.00

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
B-32	03/20/03	-	-	-	ND	ND	ND	ND	-
	09/29/03	-	-	-	<0.500	<0.500	0.636	<1.00	-
	03/29/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/09/05	-	-	-	<1.00	<1.00	<1.00	<2.00	2.17
	09/22/05	-	-	-	<1.00	<1.00	<1.00	<3.00	1.66
	03/15/06	-	-	-	<1.00	<1.00	<1.00	<3.00	1.84
B-33	03/20/03	-	-	-	ND	ND	ND	ND	-
	09/29/03	-	-	-	0.558	0.735	<0.500	1.35	-
	03/30/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/09/05	-	-	-	<1.00	<1.00	<1.00	<2.00	<1.00
	06/22/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	09/22/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	03/15/06	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
CR-1	09/20/01	-	-	-	ND	ND	ND	ND	-
	03/21/02	-	-	-	ND	ND	ND	ND	-
	09/24/02	-	-	-	ND	ND	ND	ND	-
	03/20/03	-	-	-	ND	ND	ND	ND	-
	09/29/03	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/30/04	-	-	-	25.8	1.13	120	9.06	-
	10/06/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/08/05	-	-	-	<1.00	<1.00	<1.00	<2.00	<1.00
	09/21/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	09/27/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/22/07	-	-	-	<0.200	<1.00	<1.00	<2.00	<1.00
CR-3	03/09/05	-	-	-	<1.00	<1.00	<1.00	<2.00	<1.00
	06/22/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	09/22/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
CR-8	02/18/00	-	-	-	0.314	0.673	3.82	6.55	-
	05/23/00	-	-	-	ND	ND	ND	ND	-
	08/25/00	-	-	-	ND	ND	ND	ND	-
	11/30/00	-	-	-	ND	ND	ND	ND	-
	02/22/01	-	-	-	ND	ND	ND	ND	-
	05/16/01	-	-	-	ND	0.841	0.519	1.77	-

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Portland, Oregon

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CR-9	02/18/00	-	-	-	ND	ND	ND	ND	-
	05/23/00	-	-	-	ND	ND	ND	ND	-
	08/25/00	-	-	-	ND	ND	ND	ND	-
dup	08/25/00	-	-	-	ND	ND	ND	ND	-
	11/30/00	-	-	-	ND	ND	ND	ND	-
dup	11/30/00	-	-	-	ND	ND	ND	ND	-
	02/22/01	-	-	-	ND	ND	ND	ND	-
	05/16/01	-	-	-	ND	ND	ND	ND	-
dup	05/16/01	-	-	-	ND	ND	ND	ND	-
CR-11	02/18/00	-	-	-	81	4.95	4.41	6.17	-
	05/23/00	-	-	-	40.2	1.95	2.54	ND	-
	08/25/00	-	-	-	107	5.30	22.1	8.41	-
	11/30/00	-	-	-	NS/S	NS/S	NS/S	NS/S	-
	02/22/01	-	-	-	84.2	3.24	2.47	6.25	-
	05/16/01	-	-	-	119	5.85	4.43	14.3	-
CR-26	03/09/05	-	-	-	<1.00	<1.00	<1.00	<2.00	<1.00
	06/22/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
	09/22/05	-	-	-	<1.00	<1.00	<1.00	<3.00	<1.00
TB-LB	02/22/01	-	-	-	ND	ND	ND	ND	-
	05/16/01	-	-	-	ND	ND	ND	ND	-
	09/19/01	-	-	-	ND	ND	ND	ND	-
	03/21/02	-	-	-	1.16	3.9	ND	1.95	-
	09/24/02	-	-	-	ND	ND	ND	ND	-
	03/20/03	-	-	-	ND	ND	ND	ND	-
	09/29/03	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/22/07	-	-	-	<0.200	<1.00	<1.00	<2.00	<1.00

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GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
Kinder Morgan									
MW-8	02/16/00	-	-	-	9.79	2.51	7.97	12.1	-
	05/31/00	-	-	-	16.6	3.85	3.05	10.2	-
	08/24/00	-	-	-	26.0	5.78	28.2	24.0	-
	12/01/00	-	-	-	17.8	4.59	3.19	11.1	-
	02/22/01	-	-	-	11.4	ND	2.79	8.88	-
	05/16/01	-	-	-	15.1	1.18	2.79	6.4	-
	09/21/01	-	-	-	13.0	1.08	9.54	7.66	-
	03/14/02	-	-	-	1.95	1.09	0.618	2.22	-
dup	03/14/02	-	-	-	1.96	0.955	ND	1.93	-
	09/27/02	-	-	-	4.85	2.30	0.819	4.25	-
	03/18/03	-	-	-	3.12	ND	ND	2.24	-
dup	03/18/03	-	-	-	2.36	ND	ND	2.62	-
	09/24/03	-	-	-	5.00	1.20	0.759	7.05	-
	03/30/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	-	-	-	3.03	0.576	<0.500	1.80	-
dup	09/27/04	-	-	-	3.25	<0.500	<0.500	1.75	-
	03/29/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
dup	03/15/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/26/06	-	-	-	0.290	<0.500	<0.500	<1.00	<2.00
	03/22/07	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
MW-9	03/29/05	-	-	-	-	-	-	-	<2.00
	09/21/05	-	-	-	-	-	-	-	<2.00
MW-10	02/16/00	-	-	-	6.6	2.33	0.996	3.33	-
	05/31/00	-	-	-	6.78	0.794	ND	1.02	-
	08/24/00	-	-	-	ND	ND	ND	ND	-
	12/01/00	-	-	-	5.40	1.32	ND	1.78	-
	02/22/01	-	-	-	1.15	ND	1.15	1.98	-
	05/16/01	-	-	-	11.6	0.894	1.42	2.92	-
	03/29/05	-	-	-	-	-	-	-	<2.00
	09/21/05	-	-	-	-	-	-	-	<2.00
MW-11	02/16/00	-	-	-	5,260	2,360	2,580	11,200	-
	05/31/00	-	-	-	4,120	1,460	2,720	9,290	-
	08/24/00	-	-	-	2,490	787	2,020	5,960	-
	12/01/00	-	-	-	2,330	755	1,610	5,420	-
	02/22/01	-	-	-	3,520	2,230	1,230	8,130	-
	05/16/01	-	-	-	3,800	2,510	1,290	8,980	-
	03/29/05	-	-	-	-	-	-	-	<100
1,2,4=1590	09/21/05	-	-	-	-	-	-	-	<40.0
MW-13	02/16/00	-	-	-	ND	0.392	ND	0.903	-
	05/31/00	-	-	-	ND	ND	ND	ND	-
	08/24/00	-	-	-	ND	ND	ND	ND	-
	12/01/00	-	-	-	ND	ND	ND	ND	-
dup	12/01/00	-	-	-	ND	ND	ND	ND	-
	02/22/01	-	-	-	ND	ND	ND	ND	-
	05/16/01	-	-	-	ND	ND	ND	ND	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
MW-15	02/17/00	-	-	-	2.89	0.493	0.442	1.15	-
	05/30/00	-	-	-	ND	ND	ND	ND	-
	08/24/00	-	-	-	ND	ND	ND	ND	-
	12/01/00	-	-	-	ND	ND	ND	ND	-
	02/22/01	-	-	-	ND	ND	ND	ND	-
	05/16/01	-	-	-	ND	ND	ND	ND	-
MW-20	03/29/05	-	-	-	-	-	-	-	<2.00
	09/21/05	-	-	-	-	-	-	-	<2.00
MW-21	02/17/00	-	-	-	ND	1.21	0.997	3.36	-
	05/30/00	-	-	-	ND	ND	ND	ND	-
	08/23/00	-	-	-	ND	ND	ND	ND	-
	12/01/00	-	-	-	ND	ND	ND	ND	-
	02/22/01	-	-	-	ND	ND	ND	ND	-
	05/16/01	-	-	-	ND	ND	ND	ND	-
MW-22	02/17/00	-	-	-	2060	2060	4720	13200	-
	05/30/00	-	-	-	2140	1560	4240	9150	-
	08/23/00	-	-	-	1670	1500	3670	7720	-
	12/01/00	-	-	-	1450	1330	3960	8280	-
	02/21/01	-	-	-	NS/S	NS/S	NS/S	NS/S	-
	05/16/01	-	-	-	NS/F	NS/F	NS/F	NS/F	-
MW-23	02/17/00	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	05/30/00	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	08/23/00	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	12/01/00	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	02/22/01	-	-	-	76.8	102	12.6	90.4	-
	05/16/01	-	-	-	NS/S	NS/S	NS/S	NS/S	-
MW-25	09/21/01	-	-	-	ND	ND	ND	ND	-
	03/14/02	-	-	-	ND	ND	ND	ND	-
	09/27/02	-	-	-	ND	ND	ND	ND	-
	03/18/03	-	-	-	ND	ND	ND	ND	-
	09/29/03	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/30/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/26/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/22/07	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
MW-26	02/17/00	-	-	-	1.31	4.01	18.6	26.2	-
dup	02/17/00	-	-	-	1.04	3.11	11.9	17.1	-
	05/30/00	-	-	-	ND	7.11	7.4	9.62	-
	08/23/00	-	-	-	ND	3.67	10.8	3.54	-
dup	08/23/00	-	-	-	ND	4.81	15.9	6.20	-
	12/01/00	-	-	-	3.43	29.8	7.28	15.6	-
	02/21/01	-	-	-	NS/S	NS/S	NS/S	NS/S	-
	05/17/01	-	-	-	15.1	8.76	10.1	10.6	-
	09/27/02	-	-	-	7.66	7.24	5.90	6.44	-
	03/18/03	-	-	-	9.11	ND	1.57	4.80	-
	09/24/03	-	-	-	2.18	<0.500	2.90	12.7	-
	03/30/04	-	-	-	<0.500	<0.500	<0.500	1.67	-
	09/27/04	-	-	-	2.41	1.42	4.64	7.57	-
	03/28/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	-	-	-	<0.500	<0.500	0.540	1.85	-
	09/26/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
dup	09/26/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/22/07	-	-	-	<0.200	<0.500	0.600	2.35	<2.00
MW-28	02/16/00	-	-	-	1.29	3.13	8.26	14.7	-
	05/30/00	-	-	-	NS/S	NS/S	NS/S	NS/S	-
	08/23/00	-	-	-	NS/S	NS/S	NS/S	NS/S	-
	12/01/00	-	-	-	NS/S	NS/S	NS/S	NS/S	-
	02/21/01	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	05/16/01	-	-	-	NS/S	NS/S	NS/S	NS/S	-
MW-29	03/28/05	-	-	-	-	-	-	-	<2.00
	09/21/05	-	-	-	-	-	-	-	<2.00
MW-31	02/16/00	-	-	-	0.579	0.629	0.481	1.51	-
	05/30/00	-	-	-	ND	ND	ND	ND	-
	08/23/00	-	-	-	ND	ND	ND	ND	-
	12/01/00	-	-	-	ND	ND	ND	ND	-
	02/22/01	-	-	-	ND	ND	ND	ND	-
	05/17/01	-	-	-	ND	ND	ND	ND	-
MW-32	02/16/00	-	-	-	ND	0.608	0.379	1.31	-
	05/30/00	-	-	-	ND	ND	ND	ND	-
	08/23/00	-	-	-	ND	ND	ND	ND	-
	12/01/00	-	-	-	ND	ND	ND	ND	-
	02/22/01	-	-	-	ND	ND	ND	ND	-
	05/16/01	-	-	-	ND	ND	ND	ND	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
MW-33	02/16/00	-	-	-	ND	0.718	0.589	1.21	-
	05/30/00	-	-	-	ND	ND	ND	ND	-
	08/24/00	-	-	-	ND	ND	ND	ND	-
	11/30/00	-	-	-	ND	ND	ND	ND	-
	02/22/01	-	-	-	ND	ND	ND	ND	-
dup	02/22/01	-	-	-	ND	ND	ND	ND	-
	05/16/01	-	-	-	ND	ND	ND	ND	-
	09/21/01	-	-	-	ND	ND	ND	ND	-
	03/14/02	-	-	-	ND	ND	ND	ND	-
	09/27/02	-	-	-	ND	ND	ND	ND	-
	03/18/03	-	-	-	ND	ND	ND	ND	-
	09/24/03	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/29/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/29/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
dup	09/21/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/27/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/22/07	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
dup	03/22/07	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
MW-34	09/21/01	-	-	-	ND	ND	ND	ND	-
	03/14/02	-	-	-	ND	ND	ND	ND	-
	09/27/02	-	-	-	ND	ND	ND	ND	-
	03/18/03	-	-	-	ND	ND	ND	ND	-
	09/24/03	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/29/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/29/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
dup	03/29/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/27/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/22/07	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
MW-36	02/16/00	-	-	-	0.322	2.36	1.32	6.29	-
	05/31/00	-	-	-	ND	ND	ND	ND	-
	08/24/00	-	-	-	ND	ND	ND	ND	-
	11/30/00	-	-	-	ND	ND	0.548	ND	-
	02/21/01	-	-	-	ND	ND	ND	ND	-
	05/16/01	-	-	-	0.882	ND	ND	ND	-
	09/21/01	-	-	-	ND	ND	ND	ND	-
	03/13/02	-	-	-	ND	ND	ND	ND	-
	03/18/03	-	-	-	ND	ND	ND	ND	-
	09/24/03	-	-	-	0.727	<0.500	<0.500	1.38	-
	03/29/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/21/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/27/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
dup	09/27/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/22/07	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00

COPPOR00007680

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
MW-37	02/16/00	-	-	-	1.06	0.456	0.492	1.78	-
	05/30/00	-	-	-	33	0.957	ND	2.1	-
dup	05/30/00	-	-	-	31.4	0.775	0.786	1.72	-
	08/24/00	-	-	-	40.9	0.731	ND	1.44	-
	11/30/00	-	-	-	10.7	0.594	ND	ND	-
	02/21/01	-	-	-	ND	ND	ND	ND	-
	05/16/01	-	-	-	0.691	ND	0.740	1.25	-
	09/21/01	-	-	-	ND	ND	1.04	1.31	-
	09/27/02	-	-	-	ND	ND	ND	ND	-
dup	09/27/02	-	-	-	ND	ND	ND	ND	-
	03/18/03	-	-	-	ND	ND	ND	ND	-
	09/24/03	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	09/27/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/29/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/27/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/22/07	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
MW-38	03/29/05	-	-	-	-	-	-	-	10.2
	09/21/05	-	-	-	-	-	-	-	22.0
MW-39	09/27/04	-	-	-	<0.500	<0.500	<0.500	7.45	-
	09/21/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
MW-40	02/16/00	-	-	-	ND	0.424	0.492	0.759	-
	05/30/00	-	-	-	ND	ND	ND	ND	-
	08/24/00	-	-	-	ND	ND	ND	ND	-
	11/30/00	-	-	-	ND	ND	ND	ND	-
	02/21/01	-	-	-	ND	ND	ND	ND	-
	05/16/01	-	-	-	ND	ND	0.505	ND	-
	09/21/01	-	-	-	ND	ND	ND	ND	-
	03/13/02	-	-	-	ND	ND	ND	ND	-
	09/27/02	-	-	-	ND	ND	ND	ND	-
	03/18/03	-	-	-	ND	ND	ND	ND	-
	09/24/03	-	-	-	<0.500	<0.500	<0.500	<1.00	-
dup	09/24/03	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/29/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
dup	03/29/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	-	-	-	<0.500	<0.500	<0.500	<1.00	
	03/29/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/22/07	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
CONOCOPHILLIPS									
B-2	03/28/05	-	-	-	-	-	-	-	3.47
dup	03/28/05	-	-	-	-	-	-	-	3.52
	09/20/05	-	-	-	-	-	-	-	4.30
B-3	03/28/05	-	-	-	-	-	-	-	10.7
	09/20/05	-	-	-	-	-	-	-	8.26
B-4	05/26/00	-	-	-	82.3	12.7	4	14.8	-
dup	05/26/00	-	-	-	74.8	10.7	2.77	10.3	-
	08/23/00	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	11/29/00	-	-	-	7.04	5.81	2.10	8.09	-
	02/20/01	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	05/17/01	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	09/26/02	-	-	-	16.5	8.36	5.14	27.6	-
	09/25/03	-	-	-	48.1	7.55	6.02	17.9	-
	03/28/05	-	-	-	-	-	-	-	<2.00
	09/26/06	-	-	-	25.6	5.03	<0.500	6.46	<2.00
	03/21/07	-	-	-	43.2	5.10	1.33	7.02	<2.00
B-6	03/28/05	-	-	-	-	-	-	-	<2.00
	09/20/05	-	-	-	-	-	-	-	<2.00
B-16	03/28/05	-	-	-	-	-	-	-	2.11
	09/20/05	-	-	-	-	-	-	-	<2.00
B-17	02/17/00	-	-	-	274	24	15.4	37.7	-
	05/26/00	-	-	-	434	44.4	49.9	158	-
	08/28/00	-	-	-	372	21.1	10.8	15.4	-
	11/29/00	-	-	-	293	18.2	9.89	13.6	-
	02/23/01	-	-	-	258	11.8	21.3	21.6	-
dup	02/23/01	-	-	-	238	10.2	19.6	17.3	-
	05/17/01	-	-	-	165	6.82	17.0	15.7	-
dup	05/17/01	-	-	-	173	7.14	17.2	15.6	-
B-18	02/17/00	-	-	-	ND	1.04	3.46	6.13	-
	05/26/00	-	-	-	ND	ND	ND	ND	-
	08/28/00	-	-	-	ND	ND	ND	ND	-
	11/29/00	-	-	-	ND	ND	ND	ND	-
	02/23/01	-	-	-	ND	ND	ND	ND	-
	05/17/01	-	-	-	ND	0.502	ND	ND	-
B-22	02/17/00	-	-	-	NS/S	NS/S	NS/S	NS/S	-
	05/26/00	-	-	-	0.508	0.522	0.543	2.17	-
	08/28/00	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	11/29/00	-	-	-	NS/S	NS/S	NS/S	NS/S	-
	02/20/01	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	05/17/01	-	-	-	NS/F	NS/F	NS/F	NS/F	-
B-27	03/28/05	-	-	-	-	-	-	-	2.16

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
B-35	02/17/00	-	-	-	31.6	13.5	11	27.4	-
	05/26/00	-	-	-	194	16.3	12.5	39.8	-
	08/28/00	-	-	-	287	15.3	8.42	ND	-
	11/29/00	-	-	-	384	17.0	12.0	30.2	-
	02/23/01	-	-	-	45.6	4.87	12.4	20.5	-
	05/17/01	-	-	-	15.2	4.32	5.62	7.99	-
	09/20/01	-	-	-	58.0	3.31	9.78	15.9	-
	03/14/02	-	-	-	34.1	15.8	2.41	11.4	-
	09/26/02	-	-	-	95.8	11.3	14.0	26.3	-
	03/18/03	-	-	-	8.11	6.39	1.42	3.20	-
	09/25/03	-	-	-	66.7	7.41	3.74	19.2	-
	03/30/04	-	-	-	15.1	1.39	6.49	13.0	-
	09/28/04	-	-	-	93.4	11.7	<5.00	19.7	-
	03/28/05	-	-	-	3.71	6.72	0.660	10.5	7.20
	09/20/05	-	-	-	82.0	10.4	1.79	12.2	6.48
	03/14/06	-	-	-	18.8	7.31	1.32	10.9	-
	09/26/06	-	-	-	20.9	7.63	2.45	10.2	<2.00
	03/20/07	-	-	-	11.4	5.16	1.02	11.2	<2.00
B-36	02/17/00	-	-	-	0.925	1.16	0.762	3.16	-
	05/26/00	-	-	-	ND	0.82	0.502	ND	-
	08/28/00	-	-	-	2.08	2.54	0.693	2.53	-
	11/29/00	-	-	-	1.14	2.53	1.02	2.78	-
	02/23/01	-	-	-	ND	0.512	1.15	1.44	-
	05/17/01	-	-	-	ND	0.545	0.819	1.8	-
	09/20/01	-	-	-	ND	0.609	0.761	1.50	-
dup	09/20/01	-	-	-	ND	0.547	0.820	1.51	-
	03/14/02	-	-	-	ND	ND	ND	ND	-
	09/26/02	-	-	-	1.18	1.33	0.635	2.48	-
	03/18/03	-	-	-	ND	ND	ND	ND	-
	09/25/03	-	-	-	0.940	1.10	0.954	2.90	-
	03/30/04	-	-	-	<0.500	<0.500	<0.500	1.23	-
	09/28/04	-	-	-	0.614	0.679	<0.500	<1.00	-
	03/28/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	09/20/05	-	-	-	0.390	0.930	<0.500	<1.00	2.63
	03/14/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/26/06	-	-	-	0.760	1.18	<0.500	1.57	3.50
	03/20/07	-	-	-	0.610	0.500	<0.500	1.37	<2.00

COPPOR00007683

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
B-37	02/17/00	-	-	-	ND	0.517	0.63	1.18	-
dup	02/17/00	-	-	-	0.342	1.06	0.795	1.97	-
	05/26/00	-	-	-	ND	ND	ND	ND	-
	08/28/00	-	-	-	ND	ND	ND	ND	-
	11/29/00	-	-	-	ND	ND	ND	ND	-
	02/23/01	-	-	-	ND	ND	ND	ND	-
	05/17/01	-	-	-	ND	ND	ND	ND	-
	03/14/02	-	-	-	ND	ND	ND	ND	-
	09/26/02	-	-	-	ND	ND	ND	ND	-
	03/18/03	-	-	-	ND	ND	ND	ND	-
dup	03/18/03	-	-	-	ND	ND	ND	ND	-
	09/25/03	-	-	-	<0.500	<0.500	0.639	1.30	-
dup	09/25/03	-	-	-	<0.500	<0.500	0.628	1.24	-
	03/31/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/28/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	-	-	-	<0.200	<0.500	<0.500	<1.00	3.98
	09/20/05	-	-	-	<0.200	<0.500	<0.500	<1.00	6.14
	09/20/05	-	-	-	-	-	-	-	5.82
	03/14/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
dup	03/14/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/26/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/20/07	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
B-40	02/17/00	-	-	-	NS/S	NS/S	NS/S	NS/S	-
	05/26/00	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	08/28/00	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	11/29/00	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	02/20/01	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	05/17/01	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	09/26/06	-	-	-	21.5	2.94	89.4	225	<4.00
	03/20/07	-	-	-	15.2	2.74	86	213	<4.00
P-1	03/17/03	-	-	-	ND	ND	ND	ND	-
	03/31/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/28/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	-	-	-	-	-	-	-	<2.00
	03/14/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/26/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/20/07	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
P-2	03/17/03	-	-	-	ND	0.534	ND	ND	-
	09/25/03	-	-	-	<0.500	<0.500	0.823	<1.00	-
	03/30/04	-	-	-	0.540	<0.500	<0.500	<1.00	-
	09/28/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	-	-	-	<0.200	<0.500	<0.500	<1.00	2.84
	09/20/05	-	-	-	<0.200	<0.500	<0.500	<1.00	4.48
	03/14/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
U-2	02/17/00	-	-	-	3.13	1.93	3.59	3.43	-
	05/26/00	-	-	-	0.885	1.45	ND	ND	-
	08/28/00	-	-	-	ND	ND	0.604	ND	-
	11/29/00	-	-	-	ND	ND	ND	ND	-
	02/23/01	-	-	-	ND	ND	ND	ND	-
	05/17/01	-	-	-	ND	ND	ND	ND	-
	09/20/01	-	-	-	ND	ND	ND	ND	-
	03/14/02	-	-	-	0.986	1.60	0.905	ND	
	09/26/02	-	-	-	ND	ND	ND	ND	
	03/18/03	-	-	-	ND	ND	ND	ND	
	09/25/03	-	-	-	<0.500	<0.500	<0.500	<1.00	
	03/31/04	-	-	-	2.60	<0.500	0.820	<1.00	-
	09/28/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	09/20/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/14/06	-	-	-	4.71	<0.500	3.19	1.05	-
	09/27/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/20/07	-	-	-	4.05	<0.500	1.10	<1.00	<2.00
U-3	02/17/00	-	-	-	0.355	0.993	0.952	3.17	-
	05/26/00	-	-	-	1.5	0.954	1.01	2.39	-
	08/28/00	-	-	-	ND	ND	0.793	ND	-
	11/29/00	-	-	-	ND	ND	0.744	ND	-
dup	11/29/00	-	-	-	0.500	0.567	0.727	ND	-
	02/23/01	-	-	-	14.8	1.84	2.58	ND	-
	05/17/01	-	-	-	7.83	ND	0.620	1.16	-
	03/28/05	-	-	-	-	-	-	-	<2.00
	09/20/05	-	-	-	-	-	-	-	5.09
U-4	05/26/00	-	-	-	62.3	ND	ND	ND	-
	08/28/00	-	-	-	15.0	ND	1.76	ND	-
dup	08/28/00	-	-	-	14.3	0.509	2.99	1.04	-
	11/29/00	-	-	-	ND	ND	ND	ND	-
	02/23/01	-	-	-	0.844	6.84	1.07	11.2	-
	05/17/01	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	09/26/02	-	-	-	0.760	0.552	1.07	2.99	-
dup	09/26/02	-	-	-	0.771	0.623	2.21	4.14	-
	03/28/05	-	-	-	-	-	-	-	5.62
	09/27/06	-	-	-	<0.200	<0.500	<0.500	<1.00	6.69
	03/21/07	-	-	-	<0.200	<0.500	<0.500	<1.00	5.24
U-5	02/17/00	-	-	-	3.86	0.654	0.501	2.54	-
	05/26/00	-	-	-	3.49	ND	ND	ND	-
	08/28/00	-	-	-	ND	ND	ND	ND	-
	11/29/00	-	-	-	ND	ND	ND	ND	-
	02/23/01	-	-	-	1.56	1.16	ND	ND	-
	05/17/01	-	-	-	NS/F	NS/F	NS/F	NS/F	-
	03/18/03	-	-	-	2.49	2.21	5.77	33.7	-
	09/25/03	-	-	-	2.39	1.71	7.89	7.66	-
	03/31/04	-	-	-	1.53	<0.500	<0.500	<1.00	-
	09/28/04	-	-	-	<0.500	0.806	<0.500	1.80	-
	03/28/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	09/20/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/14/06	-	-	-	0.560	<0.500	<0.500	<1.00	-
	09/26/06	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/20/07	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00

COPPOR00007685

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
U-10	03/18/03	-	-	-	ND	ND	ND	ND	-
	09/25/03	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/30/04	-	-	-	0.680	2.08	<0.500	4.01	-
	09/28/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	09/20/05	-	-	-	<0.200	<0.500	<0.500	<1.00	<2.00
	03/14/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
U-11	03/18/03	-	-	-	ND	ND	ND	ND	-
	09/25/03	-	-	-	1.74	1.37	1.04	1.74	-
	03/30/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
dup	03/30/04	-	-	-	0.650	1.93	<0.500	3.26	-
	09/28/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	-	-	-	0.360	0.830	<0.500	1.09	<2.00
	09/20/05	-	-	-	0.480	1.10	<0.500	1.17	<2.00
	03/14/06	-	-	-	0.780	1.74	<0.500	2.86	-
U-12	03/18/03	-	-	-	5.30	2.12	0.642	3.72	-
	09/25/03	-	-	-	<0.500	0.563	<0.500	2.00	-
	03/30/04	-	-	-	<0.500	<0.500	<0.500	<1.00	-
	09/28/04	-	-	-	1.03	0.978	0.719	2.58	-
	03/28/05	-	-	-	<0.200	<0.500	<0.500	<1.00	4.21
	09/20/05	-	-	-	<0.200	<0.500	<0.500	<1.00	4.54
	03/14/06	-	-	-	<0.500	<0.500	<0.500	<1.00	-
U-14	09/27/06	-	3,980[1]	<526[1]	<0.200	<0.500	<0.500	<1.00	<2.00
	03/21/07	<80.0	428[3]	<500	<0.200	<0.500	<0.500	<1.00	<2.00
U-15	09/27/06	-	466	<485	7.01	<0.500	1.38	<1.00	<2.00
	03/21/07	<80.0	465[4]	<490	0.560	<0.500	<0.500	<1.00	<2.00
U-16	09/27/06	-	2,530	<500	0.440	<0.500	5.43	<1.00	<2.00
	03/21/07	277	3,630[5]	860[6]	0.220	<0.500	0.930	<1.00	<2.00
U-17	09/27/06	-	4,540	<500	<0.200	<0.500	<0.500	<1.00	<2.00
	03/21/07	305	5,560[4]	<500	<0.450	<0.500	<0.500	<1.00	<2.00
U-18	03/21/07	207	16,300	6,000	0.210	0.540	<0.500	<1.00	<2.00
U-19	03/21/07	2,540	2,020	<490	<0.200	<0.500	0.670	<1.00	9.31
U-20	03/20/07	561	4,530	561[8]	<0.200	<0.500	<0.500	<1.00	4.28
U-21	03/20/07	2,060	3,600[7]	<490	0.270	<0.500	2.50	<1.00	<2.00
TB-LB	08/24/00	-	-	-	ND	ND	ND	ND	-
	08/25/00	-	-	-	ND	ND	ND	ND	-
	08/28/00	-	-	-	ND	ND	ND	ND	-
	11/29/00	-	-	-	ND	ND	ND	ND	-
	11/30/00	-	-	-	ND	ND	ND	ND	-
	12/01/00	-	-	-	ND	ND	ND	ND	-
	02/23/01	-	-	-	ND	ND	ND	ND	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - TPH, BTEX, AND MTBE COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)

Notes:
2/00 and 5/00 data from IT Corporation
8/00, 11/00, 2/01 and 5/01 data from KHM Environmental Management, Inc.
NS/F = Not sampled floating product present
NS/S = Not sampled sheen present
µg/l = Micrograms per Liter
ND = Not detected at or below detection limit
<0.200 = Not detected above the laboratory method reporting limit (MRL) of 0.200 µg/L.
BTEX analysis by USEPA Method 8021B
dup* = duplicate for B-30 submitted as blind duplicate labeled as B-50
dup**= duplicate for B-30 submitted as blind duplicate labled as B-31
dup*** = duplicate for B-30 submitted as blind duplicate labeled as B-99
TB-LB = trip blank
[1] = The reporting limit for this analyte was raised to compensate for the limited sample quantity available for analysis.
[2] = The reporting limit for this analyte was raised to compensate for the limited sample quantity available for analysis.
[3] = Detected hydrocarbons appear to be due to heavy gas/light diesel range components as well as weathered diesel.
[4] = Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel or possibly biogenic interference.
[5] = Hydrocarbon pattern most closely resembles weathered diesel.
[6] = The hydrocarbons present are a complex mixture of diesel range and heavy oil range organics.
[7] = Detected hydrocarbons appear to be due to heavy gas/light diesel range components as well as biogenic interference.
[8] = Detected hydrocarbons do not have a pattern and range consistent with typical petroleum products and may be due to biogenic interference.

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TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
CHEVRON																	
B-7	02/18/00	5.22	ND	ND	ND	ND	ND	ND	ND	0.528	ND	7.26	16.3	ND	ND	17.6	0.962
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.2	ND	ND	13.6	ND
dup	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.9	ND	ND	15.8	ND
	08/25/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/22/01	1.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.64	ND	ND	2.82	ND
	05/17/01	0.934	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.59	ND	ND	0.564	ND
	03/20/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/29/03	2.12	ND	0.287	ND	ND	ND	ND	ND	ND	ND	ND	7.74	ND	ND	6.11	ND
	03/30/04	1.95	<0.200	0.436	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	7.73	<0.200	<1.60	5.95	<0.200
	03/09/05	2.42	<0.800	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.800	<0.400	9.07	<0.400	<1.40	8.82	<0.400
dup	03/09/05	2.66	<1.00	<0.250	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	9.74	<0.100	<2.00	7.30	0.154
	09/22/05	2.65	<0.990	<0.990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.990	10.4	<0.0990	<1.98	8.16	0.177
B-9	02/18/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.43	ND	ND	1.3	ND
	08/25/00	2.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.40	ND	ND	1.33	ND
	11/30/00	0.700	ND	0.600	0.460	0.240	0.400	ND	ND	ND	ND	ND	6.70	ND	0.780	0.200	0.160
	02/22/01	1.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.20	ND	ND	0.528	ND
	05/17/01	1.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.60	ND	ND	0.386	ND
	09/19/01	1.08	0.240	ND	ND	ND	ND	0.120	ND	ND	0.100	ND	4.00	0.100	0.260	0.780	0.100
	03/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/02	1.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.09	ND	ND	0.358	ND
	03/20/03	0.242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.508	ND	ND	ND	ND
	09/30/03	1.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.38	ND	ND	0.255	ND
	03/30/04	0.964	<0.300	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	3.10	<0.200	<1.50	0.951	0.234
	03/08/05	0.910	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	2.78	<0.100	<0.700	0.679	<0.100
	09/22/05	0.887	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	3.05	<0.100	<0.500	0.873	<0.100
	09/21/05	0.832	<0.198	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	2.93	<0.0990	<0.891	0.702	<0.0990
	09/26/06	0.780	<0.150	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	0.105	<0.100	0.221	1.99	<0.100	<0.550	0.805	0.226
	03/22/07	0.489	<0.146	<0.0976	0.171	0.225	0.328	0.357	0.343	0.389	0.0970	0.519	1.95	0.288	<0.829	0.531	0.610

COPPOR00007688

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
B-10	02/18/00	3.58	ND	ND	0.0670	ND	ND	ND	ND	0.14	ND	0.632	11.8	ND	ND	12.9	0.513
dup	02/18/00	4.83	ND	2.9	5.47	ND	0.66	ND	ND	0.689	ND	1.95	15.9	ND	ND	23.4	1.85
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	0.101	ND	ND	11.9	ND	ND	12.7	0.818
	08/25/00	1.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.18	ND	ND	2.91	ND
	11/30/00	1.42	ND	0.320	ND	ND	ND	ND	ND	ND	ND	ND	2.24	ND	0.980	0.160	0.120
	02/23/01	1.01	ND	0.252	ND	ND	ND	ND	ND	ND	ND	0.234	1.25	ND	ND	1.33	0.225
	05/17/01	0.635	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.976	ND	ND	0.521	ND
	09/19/01	0.420	ND	ND	ND	ND	ND	0.100	ND	ND	ND	0.200	0.300	0.100	0.360	ND	0.240
	03/21/02	ND	ND	0.188	ND	ND	ND	ND	ND	ND	ND	0.190	1.23	ND	ND	1.23	0.220
	09/24/02	1.04	0.132	1.49	ND	ND	0.170	ND	0.189	ND	ND	ND	1.32	ND	0.717	1.34	0.245
	03/20/03	1.05	ND	0.190	ND	ND	ND	ND	ND	ND	ND	0.194	1.30	ND	ND	1.27	0.236
	09/29/03	1.09	ND	0.234	ND	ND	ND	ND	ND	ND	ND	0.463	1.91	ND	ND	2.11	0.436
	03/30/04	1.65	<0.200	0.671	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.588	5.22	<0.200	<2.40	5.67	0.891
	03/08/05	1.41	<0.300	0.638	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	0.814	4.46	<0.200	<1.40	2.76	0.829
	09/21/05	1.27	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<1.98	<0.990	2.22	<0.990	<1.98	1.89	<0.990
	03/14/06	1.05	<0.200	0.170	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.154	2.15	<0.0200	<1.50	1.68	0.211
	09/26/06	1.64	<0.388	0.527	0.0463	0.0590	0.0717	0.110	0.0542	0.0928	0.0265	0.469	4.89	0.0768	<1.17	3.66	0.635
	03/21/07	1.18	<0.383[6]	<0.153[6]	0.0376	0.0329	0.0403	0.0420	0.0329	0.0510	0.0121	0.236	6.81	0.0335	<3.44[6]	2.83	0.416
dup	03/21/07	1.06	<0.291[6]	<0.194[6]	0.058	0.0606	0.0578	0.0643	0.0677	0.0846	0.0216	0.275	5.26	0.0545	<2.43[6]	1.80	0.440
B-11	02/18/00	1.75	ND	ND	ND	ND	0.547	ND	ND	ND	ND	ND	2.15	ND	ND	1.53	0.764
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.891	0.169
	08/25/00	1.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.47	ND	ND	1.76	ND
	11/30/00	2.10	0.400	1.02	0.400	0.180	0.180	ND	ND	ND	ND	ND	2.88	ND	1.20	0.260	ND
	02/22/01	ND	ND	0.106	ND	ND	ND	ND	ND	ND	ND	ND	1.12	ND	ND	0.815	ND
	05/17/01	0.478	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.729	ND	ND	0.358	ND
	03/30/04	0.931	<0.300	<0.300	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	1.06	<0.200	<3.50	0.604	0.418
	03/09/05	0.664	<0.150	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	1.15	<0.100	<1.40	0.623	0.172
	06/22/05	0.685	<0.150	117	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	0.111	1.04	<0.100	<1.00	0.471	0.181
	09/21/05	0.854	<0.149	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	1.36	<0.0990	<1.58	0.743	0.124

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TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
B-14	02/18/00	1.08	ND	0.222	0.01	ND	ND	ND	ND	0.104	ND	0.561	1.84	ND	7	1.9	0.582
	05/23/00	ND	ND	1.85	ND	ND	ND	ND	ND	ND	ND	0.467	ND	ND	ND	1.36	0.621
	08/25/00	1.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.75	ND	24.5	2.06	ND
	11/30/00	0.920	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.60	ND	0.980	ND	ND
	02/22/01	ND	ND	0.187	ND	ND	ND	ND	ND	ND	ND	0.390	1.10	ND	ND	1.16	0.489
	05/17/01	0.738	ND	0.106	ND	ND	ND	ND	ND	ND	ND	0.341	0.966	ND	1.72	0.892	0.338
B-19	03/20/03	1.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.440	ND	ND	6.62	ND
	09/29/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.68	ND	ND	13.2	ND
	03/29/04	2.12	<1.00	<1.00	<1.00	0.0213	<0.0200	<0.0200	<0.0200	<1.00	<0.0200	<1.00	7.01	<0.0200	<3.50	11.9	<1.00
	03/09/05	2.40	<1.00	0.973	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	8.85	<0.500	<3.00	16.0	0.537
	06/22/05	2.96	<2.00	0.849	<0.100	<0.100	<0.100	<0.100	<0.100	0.141	<0.200	<0.300	9.59	<0.100	<2.50	15.8	0.277
	09/22/05	<1.34	<0.396	<0.297	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.149	4.14	<0.0990	<1.98	6.40	0.209
	03/14/06	1.97	<0.472	0.291	<0.0189	<0.0189	<0.0189	<0.0189	<0.0189	0.0427	<0.0189	<0.0943	4.60	<0.0189	<2.17	8.98	0.113
B-20	03/20/03	0.322	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.577	ND	ND	ND	ND
	09/29/03	1.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.86	ND	ND	4.27	ND
	03/30/04	1.07	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	3.81	<0.200	<1.50	0.988	<0.200
	03/09/05	1.29	<0.400	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	4.58	<0.200	<0.800	3.03	<0.200
	09/22/05	<0.891	<0.248	<0.347	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	3.13	<0.0990	<0.693	0.812	<0.0990
B-21	09/19/01	3.40	0.200	1.78	0.360	0.360	0.320	0.400	0.300	0.540	0.160	1.52	16.1	0.320	1.18	16.8	1.54
	03/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.38	ND	ND	3.84	ND
	09/24/02	2.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.66	ND	ND	4.15	ND
	03/20/03	2.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.0	ND	ND	7.00	ND
	09/29/03	3.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.94	ND	ND	8.86	0.394
	03/29/04	2.52	<0.500	<0.500	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0396	<0.0200	<0.500	8.76	<0.0200	<3.00	7.58	0.259
	03/08/05	2.79	<0.800	<0.600	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.800	<0.400	10.5	<0.400	<2.20	10.8	0.430
	09/22/05	2.26	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<1.98	<0.990	8.41	<0.990	<1.98	5.22	<0.990
	03/15/06	2.66	<0.755	<0.189	<0.0189	<0.0189	<0.0189	<0.0189	<0.0189	<0.0189	<0.0189	<0.189	9.04	<0.0189	<1.79	7.34	0.0789
	09/26/06	2.39	<0.693	<0.198	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.149	9.45	<0.0990	<1.39	6.85	<0.149
	03/21/07	1.87	<0.585[a]	<0.146[a]	0.00839	0.00665	0.00618	<0.00976	<0.00488	0.0172	<0.00488	<0.0976[a]	11.2	<0.00488	<2.63[a]	4.77	0.142

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TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
B-26	03/30/04	0.778	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.299	0.649	<0.200	27.5	1.08	0.447
	03/09/05	0.778	<0.100	<0.100	<0.100	<0.100	0.140	<0.100	<0.100	<0.100	<0.200	0.235	0.421	<0.100	5.37	0.912	0.371
	06/22/05	0.651	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	0.264	0.588	<0.200	10.9	0.639	0.293
	09/22/05	0.841	<0.149	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	0.161	0.440	<0.0990	7.80	0.701	0.224
B-28	02/18/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.09	ND	ND
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/25/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/17/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/20/01	ND	ND	ND	ND	ND	ND	0.100	ND	ND	ND	ND	ND	0.100	ND	ND	ND
	03/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/20/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/30/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.767	ND	ND
	03/29/04	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0400	<0.0200	<0.100	<0.0400	<0.0200
	03/09/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	1.18	<0.100	<0.100
	09/21/05	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	<0.0990	<0.0990	0.395	<0.0990	<0.0990
	03/14/06	<0.0404	<0.0404	<0.0404	0.0735	0.0823	0.0839	0.105	0.0695	0.111	<0.0404	0.180	<0.0404	0.0734	<0.0404	0.112	0.179
	09/28/06	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0294	<0.0196	<0.0196	<0.0196	<0.0196
B-29	09/20/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/20/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/30/03	ND	ND	ND	ND	0.121	0.136	0.157	0.114	0.111	ND	0.132	ND	0.123	ND	ND	0.138
	03/29/04	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0300	<0.0200	<0.0600	<0.0200	<0.0200
	03/09/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/21/05	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990
	03/14/06	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0490	<0.0294	0.0238
	09/28/06	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194
	03/22/07	<0.00990	<0.00990	<0.00990	<0.00495	<0.00495	0.00524	<0.00990	<0.00495	0.00663	<0.00495	<0.0198	<0.0792	<0.00495	<0.0198	0.126	0.0201

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TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene (µg/l)	Acenaphthylene (µg/l)	Anthracene (µg/l)	Benzo (a) anthracene (µg/l)	Benzo (a) pyrene (µg/l)	Benzo (b) fluoranthene (µg/l)	Benzo (g,h,i) perylene (µg/l)	Benzo (k) fluoranthene (µg/l)	Chrysene (µg/l)	Dibenzo (a,h) anthracene (µg/l)	Fluoranthene (µg/l)	Fluorene (µg/l)	Indeno (1,2,3-cd) pyrene (µg/l)	Naphthalene (µg/l)	Phenanthrene (µg/l)	Pyrene (µg/l)
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
B-30	02/18/00	0.121	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.113	0.177	ND	ND	0.175	0.202
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.105	ND
	08/25/00	0.385	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.530	ND	ND	0.423	ND
	11/30/00	0.280	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.440	ND	0.280	0.300	0.100
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup**	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/17/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.116	ND	ND	0.108	ND
	09/20/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.100	ND	0.100	ND	ND
dup	09/20/01	ND	ND	ND	ND	ND	ND	0.100	ND	ND	0.100	ND	ND	0.120	0.100	ND	ND
	03/21/02	0.162	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.312	ND	ND	0.157	0.114
dup	03/21/02	0.162	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.314	ND	ND	0.164	0.123
	09/24/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/20/03	0.142	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.133	ND	ND	0.132	ND
dup*	03/20/03	0.108	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.126	ND	ND	0.105	ND
	09/30/03	ND	ND	ND	0.582	0.585	0.421	0.323	0.443	0.531	ND	0.827	0.349	0.272	ND	0.451	1.51
dup***	09/30/03	ND	ND	ND	0.473	0.416	0.410	0.291	0.357	0.450	ND	0.728	ND	0.248	ND	0.432	1.26
	03/29/04	0.119	<0.0200	0.0449	0.0576	0.0507	0.0420	0.0344	0.0393	0.0633	<0.0200	0.123	0.173	0.0295	<0.320	0.170	0.240
dup***	03/29/04	<0.280	<0.800	0.0485	0.0605	0.0596	0.0452	0.0417	0.0438	0.0637	<0.0200	0.112	0.216	0.0361	<0.640	0.170	0.244
	03/09/05	0.242	<0.200	<0.200	0.223	0.209	<0.200	<0.200	<0.200	0.217	<0.400	0.400	<0.300	<0.200	<0.400	0.284	0.637
	09/21/05	0.103	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	0.198	<0.0990	<0.0990	<0.0990	<0.297	<0.0990	<0.0990
dup****	09/21/05	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	0.198	<0.0990	<0.0990	<0.0990	<0.248	<0.0990	<0.0990
	03/14/06	0.310	<0.142	0.0684	0.0761	0.0628	0.0455	0.0480	0.0368	0.0783	<0.0189	0.152	0.369	0.0353	<0.292	0.260	0.323
dup	03/14/06	0.375	<0.182	0.0933	0.106	0.0871	0.0607	0.0674	0.0564	0.109	<0.0404	0.202	0.375	0.0491	<0.404	0.275	0.424
	09/26/06	0.157	<0.0891	0.0317	0.0371	0.0391	0.0320	0.0316	0.0216	0.0344	<0.0198	0.0477	0.108	0.0246	<0.297	0.0869	0.133
	03/22/07	0.0691	<0.0392	<0.00980	0.0230	0.0222	0.0173	0.0167	0.0193	0.0291	0.00518	0.0242	0.200	0.0134	<0.245	0.201	0.114
B-32	03/20/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.161	ND	ND	ND	0.108
	09/29/03	ND	ND	ND	0.114	0.112	0.114	ND	0.114	0.188	ND	0.557	1.06	ND	ND	ND	0.498
	03/09/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/22/05	<1.00	<1.00	<0.150	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	0.171	<1.00	<1.00	<0.300	<0.150	0.256
	03/15/06	<0.0190	<0.0190	<0.0952	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	0.0280	<0.0190	0.193	<0.0762	<0.0190	<0.152	<0.0381	0.206

COPPOR00007692

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
B-33	03/20/03	0.589	ND	ND	ND	ND	0.385	0.370	ND	0.306	ND	0.449	2.01	0.300	ND	0.914	0.458
	09/30/03	11.0	ND	3.30	8.28	19.2	44.0	37.5	26.4	34.1	7.35	20.2	33.3	30.6	ND	39.7	29.5
	03/30/04	3.03	<2.00	2.42	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	12.5	<2.00	<4.50	13.6	3.28
	03/09/05	2.42	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<1.00	9.36	<1.00	<2.00	10.6	1.07
	06/22/05	3.00	<1.50	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<1.00	10.0	<1.00	<2.00	10.2	<1.00
	09/22/05	2.56	<0.990	<1.49	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<1.98	<0.990	8.31	<0.990	<1.98	6.82	<0.990
	03/15/06	1.08	<0.308	<0.154	0.153	0.233	0.270	0.286	0.292	0.400	0.0854	0.336	2.94	0.270	<0.615	2.45	0.533
CR-1	09/20/01	0.520	ND	ND	ND	0.120	0.100	0.140	0.100	ND	0.120	ND	1.94	0.140	0.300	0.160	ND
	03/21/02	0.216	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.789	ND	ND	0.194	ND
	09/24/02	1.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.32	ND	0.887	0.660	ND
	03/20/03	0.758	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.53	ND	ND	0.748	ND
	09/30/03	1.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.02	ND	ND	1.11	ND
	03/30/04	0.473	<0.150	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	1.59	<0.100	<0.650	0.322	<0.100
	03/08/05	0.825	<0.150	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	3.18	<0.100	<0.850	0.766	<0.100
	09/21/05	1.22	<0.297	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	4.63	<0.0990	<1.63	1.52	<0.0990
	09/27/06	0.978	<0.197	0.0747	<0.00985	<0.00985	<0.0197	<0.0493	<0.0197	<0.00985	<0.00985	<0.0493	3.19	<0.00985	<0.788	1.07	0.0513
	03/22/07	0.118	<0.0343[6]	<0.0490[6]	<0.00490	<0.00490	<0.00490	<0.00980	<0.00490	<0.0147[6]	<0.00490	<0.0245[6]	0.838	<0.00490	<0.275[6]	0.140	<0.0784[6]
CR-3	03/09/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	06/22/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/22/05	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990
CR-8	02/18/00	0.749	ND	0.264	0.981	2.47	1.6	2.92	1.3	1.28	3.42	1.34	ND	1.96	ND	0.125	1.97
	05/23/00	ND	ND	0.223	0.232	0.61	0.46	0.981	0.331	0.326	ND	0.27	ND	0.613	ND	ND	0.458
	08/25/00	ND	ND	ND	0.313	0.666	0.445	0.755	0.455	0.434	ND	0.674	ND	ND	ND	ND	0.913
	11/30/00	ND	ND	ND	ND	0.120	ND	0.160	ND	ND	ND	ND	ND	0.100	ND	ND	0.180
	02/22/01	ND	0.284	0.105	0.536	1.25	0.970	1.46	0.628	0.923	ND	0.749	0.103	0.960	ND	0.108	1.41
	05/16/01	ND	ND	ND	ND	0.389	0.301	0.459	ND	0.229	ND	0.371	ND	0.326	ND	ND	0.472

COPPOR00007693

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
CR-9	02/18/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/23/00	ND	ND	0.115	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/25/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	08/25/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/00	ND	ND	ND	ND	ND	ND	0.160	0.120	ND	ND	ND	ND	0.120	ND	ND	0.100
dup	11/30/00	ND	ND	ND	0.140	0.260	0.260	0.400	0.300	0.200	ND	0.160	ND	0.320	ND	ND	0.240
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR-11	02/18/00	0.333	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.982	ND	ND	0.327	ND
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/25/00	0.402	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.20	ND	ND	0.450	ND
	11/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/22/01	0.208	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.457	ND	ND	ND	ND
	05/16/01	0.149	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.221	ND	ND	ND	ND
CR-26	03/09/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	0.215	<0.100	<0.200	0.165	<0.100
	06/22/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	0.264	<0.100	<0.100	<0.100	<0.100
	09/22/05	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	0.172	<0.0990	<0.0990	<0.0990	<0.0990

COPPOR00007694

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
KINDER MORGAN																	
MW-8	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.66	ND	ND
	05/31/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.53	ND	ND
	12/01/00	0.240	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.680	0.140	0.160
	02/22/01	0.221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.104	ND
	05/16/01	0.149	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	05/16/01	0.128	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/21/01	0.160	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.260	0.100	ND
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/27/02	0.148	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	0.181	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/30/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100
	09/27/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.350	<0.100	<0.100
dup	09/27/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.300	<0.100	<0.100
	03/29/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/21/05	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204
	03/15/06	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.155	<0.0194	<0.0194
dup	03/15/06	0.0260	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.125	<0.0192	<0.0192
	09/26/06	0.147	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.600[a]	0.0601	0.0326
	03/22/07	0.0292	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.314[a]	<0.0196	<0.0196
MW-10	02/16/00	0.113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0759	0.0845
	05/31/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	0.119	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.180	ND	ND
	02/22/01	0.134	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	0.104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

COPPOR00007695

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Number of benzene rings		Acenaphthene 2	Acenaphthylene 2	Anthracene 3	Benzo (a) anthracene 4	Benzo (a) pyrene 5	Benzo (b) fluoranthene 4	Benzo (g,h,i) perylene 5	Benzo (k) fluoranthene 4	Chrysene 4	Dibenzo (a,h) anthracene 5	Fluoranthene 3	Fluorene 2	Indeno (1,2,3-cd) pyrene 5	Naphthalene 2	Phenanthrene 3	Pyrene 4
Well Identification	Date Sampled	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-11	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.66	ND	410	ND	ND
	05/31/00	ND	ND	0.159	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	555	0.256	ND
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	451	ND	ND
	12/01/00	0.200	0.120	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.300	ND	ND	0.160	ND
	02/22/01	0.247	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	411	0.184	ND
	05/16/01	0.117	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.185	ND	572	0.108	ND
MW-13	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/31/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	02/17/00	0.118	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0743	ND	ND	ND	ND
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-21	02/17/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

COPPOR00007696

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-22	02/17/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.23	ND	356	1.09	ND
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	345	ND	ND
	08/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	386	ND	ND
	12/01/00	0.300	0.160	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.500	ND	ND	0.400	ND
	02/21/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/16/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
MW-23	02/17/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/30/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	08/23/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	12/01/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	02/22/01	2.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.12	ND	35.0	3.27	ND
	05/16/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
MW-25	09/21/01	0.240	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120	ND	ND
	03/14/02	0.172	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/27/02	0.194	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.101
	03/18/03	0.163	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	0.289	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/30/04	0.233	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.350	<0.100	<0.100
	09/27/04	0.384	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.500	<0.100	<0.100
	03/28/05	0.177	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.250	<0.100	<0.100
	09/21/05	0.205	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	0.0344	0.0401
	03/15/06	0.112	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.135	<0.0192	0.0255
	09/26/06	0.190	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.184[6]	<0.0306[6]	0.0633
	03/22/07	0.175	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.382[6]	<0.0294[6]	0.0537

COPPOR00007697

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-26	02/17/00	2.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.19	1.7	ND	2.69	2.27	1.05
dup	02/17/00	1.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.99	1.43	ND	2.24	1.74	0.714
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.84	ND	ND	1.84	ND
	08/23/00	2.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.23	1.92	ND	ND	2.39	ND
dup	08/23/00	2.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.12	1.98	ND	ND	2.63	ND
	12/01/00	0.840	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.580	0.320	ND	0.380	ND	0.360
	02/21/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/17/01	1.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.40	ND	ND	1.88	ND
	09/18/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	03/13/02	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	09/27/02	1.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.510	1.43	ND	ND	2.36	ND
	03/18/03	1.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.641	0.974	ND	7.16	1.51	ND
	09/24/03	1.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.596	1.61	ND	ND	2.3	ND
	03/30/04	1.33	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	1.52	<0.200	<3.80	0.357	0.219
	09/27/04	2.33	<0.200	0.277	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	0.985	2.07	<0.200	<2.00	2.01	0.664
	03/28/05	2.02	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	1.26	1.63	<0.500	<1.62	2.51	0.924
	09/21/05	1.32	<0.200	0.165	0.0459	<0.0400	0.0560	<0.0400	<0.0400	0.0875	<0.0400	0.521	0.967	<0.0400	<0.980	1.48	0.396
	03/15/06	1.01	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	0.225	0.883	<0.192	<3.75	0.538	<0.192
	09/26/06	1.63	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	0.243	1.24	<0.202	<1.21[6]	1.48	<0.202
dup	09/26/06	1.61	<0.0750[5]	0.100	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.226	1.17	<0.0500	<1.18[6,7]	1.60	0.151
	03/22/07	0.431	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	0.133	0.372	<0.0980	<1.96[6]	0.331	<0.0980

COPPOR00007698

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-28	02/16/00	2.68	ND	ND	ND	ND	ND	ND	ND	1.00	ND	0.792	6.69	ND	ND	8.54	2.71
	05/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	08/24/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	12/01/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/21/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/16/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
MW-31	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.988	ND	ND	0.457	0.0887
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/23/00	0.243	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.666	ND	ND	0.463	ND
	12/01/00	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.300	ND	ND	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.568	ND	ND	0.363	ND
	05/17/01	0.206	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.597	ND	ND	0.352	ND
MW-32	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.12	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

COPPOR00007699

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene (µg/l)	Acenaphthylene (µg/l)	Anthracene (µg/l)	Benzo (a) anthracene (µg/l)	Benzo (a) pyrene (µg/l)	Benzo (b) fluoranthene (µg/l)	Benzo (g,h,i) perylene (µg/l)	Benzo (k) fluoranthene (µg/l)	Chrysene (µg/l)	Dibenzo (a,h) anthracene (µg/l)	Fluoranthene (µg/l)	Fluorene (µg/l)	Indeno (1,2,3-cd) pyrene (µg/l)	Naphthalene (µg/l)	Phenanthrene (µg/l)	Pyrene (µg/l)
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
MW-33	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.222	ND	ND
dup	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.161	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/21/01	0.340	ND	ND	0.100	ND	0.220	0.140	0.120	0.200	ND	0.180	ND	0.120	0.160	ND	0.160
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/27/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/29/04	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0209
	09/27/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	03/29/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/21/05	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0396	<0.0198	0.0321
dup	09/21/05	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0384
	03/15/06	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
	09/27/06	<0.00990	<0.00990	<0.00990	<0.00615	<0.00495	0.00540	<0.00990	0.00659	<0.00718	<0.00495	<0.00990	<0.00990	<0.00510	0.0468[4,5]	<0.00990	0.0189
	03/22/07	<0.00976	<0.00976	<0.00976	<0.00488	<0.00488	<0.00488	<0.00976	<0.00488	<0.00488	<0.00488	<0.00976	<0.00976	<0.00488	0.0146	<0.00976	0.0193
dup	03/22/07	<0.00971	<0.00971	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00971	<0.00485	0.0145	<0.00971	0.0157
MW-34	09/21/01	0.280	ND	ND	ND	ND	ND	0.100	ND	ND	ND	ND	ND	0.120	0.120	ND	ND
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/27/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	0.151	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/29/04	0.0524	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0600	<0.0200	<0.0200
	09/27/04	0.135	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.150	<0.100	<0.100
dup	03/29/05	<0.111	<0.111	<0.111	<0.111	<0.111	<0.111	<0.111	<0.111	<0.111	<0.222	<0.111	<0.111	<0.111	<0.111	<0.111	<0.111
	03/29/05	0.129	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/21/05	0.332	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0297	<0.0198	<0.218	<0.0198	<0.0222
	03/15/06	0.118	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0990	<0.0198	<0.0198
	09/27/06	<0.00990	<0.00990	<0.00990	<0.00615	<0.00495	0.00540	<0.00990	0.00659	<0.00718	<0.00495	<0.00990	<0.00990	<0.00510	0.0468[4,5]	<0.00990	0.0189
	03/22/07	0.0215	<0.00985	<0.00985	<0.00493	<0.00493	<0.00493	<0.00985	<0.00493	<0.00493	<0.00493	<0.00985	<0.00985	<0.00493	<0.0591[6]	<0.00985	<0.00985

COPPOR00007700

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-36	02/16/00	0.143	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/31/00	0.228	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	0.269	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/00	0.420	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.180	ND	ND
	02/21/01	0.304	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	0.247	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/21/01	0.240	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.140	ND	ND
	03/13/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	0.178	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	0.307	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/29/04	0.246	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.200	0.0525	0.0487
	09/27/04	0.710	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.150	<0.100	<1.00	<0.100	<0.100
	09/21/05	0.382	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	0.0574	0.0616
	03/15/06	0.0302	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0388	<0.0194	0.0226
	09/27/06	0.606	<0.0200[5]	<0.0200[5]	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.0200[5]	<0.00500	<0.400[5,7]	0.103	0.121
dup	09/27/06	0.528	<0.0199[5]	<0.0249[5]	0.00544	<0.00498	<0.00498	<0.00995	0.00498	0.00527	<0.00522	<0.00995	<0.0149[5]	<0.00559	<0.279[5,7]	0.104	0.109
	03/22/07	0.289	<0.0146[5]	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00971	<0.00485	<0.320[5]	0.0513	0.0478
MW-37	02/16/00	1.56	ND	0.0862	0.0584	0.0773	0.0564	ND	ND	583	ND	0.158	3.02	ND	ND	0.605	0.214
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.126	ND	ND	ND	0.451	0.153
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.25	ND	ND	ND	ND
	11/30/00	0.680	0.180	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.600	ND	0.660	0.200	0.120
	02/21/01	0.183	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.228	ND	ND	ND	ND
	02/21/01[1]	0.588	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.513	ND	ND	0.207	ND
	05/16/01	0.401	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.327	ND	ND	0.146	ND
	09/21/01	0.140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.280	0.120	ND
	03/13/02	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/27/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.499	ND	ND	0.166	0.122
dup	09/27/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.147	ND
	03/18/03	0.435	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.731	ND	ND	ND	ND
	09/27/04	<1.00	<1.00	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	0.122	<1.00	<0.100	<1.00	0.184	0.251
	03/29/05	2.39	<0.250	0.344	<0.200	<0.200	<0.200	<0.200	<0.200	0.241	<0.400	1.39	1.93	<0.200	<2.00	2.86	1.05
	09/21/05	0.77	<0.350	<0.100	<0.100	<0.100	<0.100	0.110	<0.100	<0.100	<0.100	<0.100	0.478	<0.100	<1.90	<0.100	0.131
	03/15/06	0.737	<0.433	<0.0962	<0.0962	0.150	<0.0962	0.319	<0.0962	<0.0962	<0.0962	<0.0962	1.18	0.214	<1.49	0.160	0.119
	09/27/06	0.653	<0.250[6]	<0.0400[6]	0.0212	0.0486	0.0326	0.0717	0.0314	0.0296	0.0120	0.0562	0.342	0.0456	<1.20[6,7]	0.135	0.123
	03/22/07	0.579	<0.194[6]	<0.0971[6]	0.0163	0.0330	0.0190	0.0389	0.0230	0.0270	0.00858	<0.0971[6]	0.820	0.0315	<2.14[6]	<0.0971[6]	0.133

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TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Wilbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-39	09/27/04	4.30	<0.100	0.159	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	0.338	1.23	<0.100	<1.60	1.16	0.348
	09/21/05	2.33	<0.200	0.0920	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.211	0.826	<0.0200	<0.900	0.802	0.239
MW-40	02/16/00	0.0972	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/30/00	0.124	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	0.141	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/21/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/21/01	ND	ND	ND	ND	ND	ND	0.120	ND	ND	0.100	0.380	ND	0.140	ND	0.120	0.240
	03/13/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/27/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	0.109	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	09/24/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/29/04	0.0609	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0900	<0.0300	<0.0200
dup	03/29/04	0.0588	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0900	0.0266	<0.0200
	09/27/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	03/29/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/21/05	0.0732	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	0.105	0.0381	<0.0190
	03/15/06	0.0716	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0769	0.0297	<0.0192
	03/22/07	0.0655	<0.00971	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00971	<0.00485	<0.126[6]	0.0259	0.0114

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TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
CONOCOPHILLIPS																	
B-4	02/17/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/26/00	13.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.19	17.3	ND	ND	28.4	2.24
dup	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	20.9	1.72
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/29/00	2.50	ND	0.620	0.140	ND	ND	ND	ND	ND	ND	1.60	2.54	ND	8.80	4.72	1.24
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/18/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	03/13/02	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	09/26/02	2.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.889	3.42	ND	ND	4.26	0.859
	03/17/03	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/25/03	2.79	ND	0.857	ND	ND	ND	ND	ND	ND	ND	1.24	5.10	ND	ND	6.24	1.23
	09/26/06	2.75	<0.300[6]	0.670	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	1.00	2.86	<0.200	<1.90[6]	3.68	1.00
	03/21/07	2.39	<0.680	<2.04	<0.0971	<0.0971	<0.0971	<0.0971	<0.0971	0.103	<0.0971	0.420	8.07	<0.0971	<5.34	11.0	1.01
B-17	02/17/00	2.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.42	ND	ND	4.25	ND
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.1	ND	ND	5.33	ND
	08/28/00	2.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.5	ND	ND	7.10	
	11/29/00	1.72	0.340	0.180	ND	ND	ND	ND	ND	ND	ND	0.320	5.50	ND	0.880	4.96	0.260
	02/23/01	2.36	ND	0.139	ND	ND	ND	ND	ND	ND	ND	ND	8.20	ND	ND	2.93	ND
dup	02/23/01	2.52	ND	0.236	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.372	ND	3.84	ND
	05/17/01	2.19	ND	0.294	ND	ND	ND	ND	ND	ND	ND	ND	7.83	ND	ND	4.24	ND
dup	05/17/01	2.19	ND	0.265	ND	ND	ND	ND	ND	ND	ND	ND	8.25	ND	ND	4.14	ND
B-18	02/17/00	1.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.39	ND	ND	1.83	ND
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/28/00	1.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.84	ND	ND	1.17	ND
	11/29/00	0.220	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.440	ND	ND	0.220	ND
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.11	ND	ND	ND	ND
	05/17/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.529	ND	ND	ND	ND
B-22	02/17/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.4	ND	ND	21.5	ND
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/29/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F

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TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
B-35	02/17/00	11	ND	5.15	1.19	ND	ND	ND	ND	1.1	ND	8.29	30	ND	ND	35.8	4.33
	05/26/00	ND	ND	2.61	ND	ND	ND	ND	ND	ND	ND	2.93	22.5	ND	ND	20.7	1.73
	08/28/00	6.77	ND	0.807	0.123	ND	ND	ND	ND	0.127	ND	1.12	13.7	ND	ND	8.35	0.584
	11/29/00	2.84	0.360	0.520	0.240	ND	ND	ND	ND	0.200	ND	1.46	6.30	ND	1.22	7.16	0.760
	02/23/01	8.44	ND	ND	0.304	ND	0.102	ND	ND	0.330	ND	ND	16.2	ND	ND	17.3	1.15
	05/17/01	4.34	ND	0.493	0.103	ND	ND	ND	ND	0.106	ND	0.692	11.3	ND	ND	5.50	0.425
	09/20/01	2.92	0.360	0.680	0.200	ND	0.120	ND	ND	0.200	ND	1.20	6.74	ND	1.00	10.0	0.700
	03/14/02	3.02	ND	0.620	ND	ND	ND	ND	ND	ND	ND	0.844	7.62	ND	ND	6.78	0.468
	09/26/02	4.76	ND	0.740	0.109	ND	ND	ND	ND	ND	ND	1.00	11.6	ND	ND	9.41	0.570
	03/18/03	3.46	ND	0.493	ND	ND	ND	ND	ND	ND	ND	0.578	14.3	ND	ND	7.51	0.434
	09/25/03	5.36	ND	0.779	ND	ND	ND	ND	ND	ND	ND	0.884	10.2	ND	ND	8.86	0.399
	03/30/04	3.52	<0.200	0.456	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.419	7.21	<0.200	<2.10	5.18	0.274
	09/28/04	5.25	<0.200	0.579	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	0.662	9.23	<0.200	<2.70	6.80	0.455
	03/28/05	<7.25	<1.00	1.13	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	2.12	15.6	<1.00	<3.50	14.7	1.24
	09/20/05	7.51	<0.400	2.37	0.792	<0.400	<0.400	<0.400	<0.400	0.797	<0.400	5.150	16.900	<0.400	<3.60	24.9	3.23
	03/14/06	4.63	<0.495	0.438	0.107	0.0259	0.0402	<0.0198	0.0201	0.0972	<0.0198	0.419	8.83	<0.0198	<2.23	7.60	0.496
	09/26/06	5.99	<0.619[6]	0.609	<0.206	<0.206	<0.206	<0.206	<0.206	<0.206	<0.206	1.03	11.2	<0.206	<2.27[6]	9.46	0.644
	03/20/07	9.21	<1.26	2.21	0.549	0.113	0.133	<0.0971	0.123	0.587	<0.0971	3.04	21.7	<0.0971	<7.28	20.8	2.96
B-36	02/17/00	0.251	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.537	ND	ND	ND	ND
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/29/00	0.720	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.34	ND	0.520	0.180	ND
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/17/01	0.642	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.91	ND	ND	ND	ND
	09/20/01	0.360	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.920	ND	0.320	0.200	ND
dup	09/20/01	0.320	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.880	ND	0.300	0.100	ND
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.262	ND	ND	ND	ND
	09/26/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.26	ND	ND	ND	ND
	03/18/03	0.240	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.811	ND	ND	ND	ND
	09/25/03	0.584	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.22	ND	ND	ND	ND
	03/30/04	3.51	<0.200	0.490	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.429	6.79	<0.200	<2.10	5.07	0.268
	09/28/04	0.653	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	1.51	<0.100	<1.60	<0.100	<0.100
dup	09/28/04	0.723	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	1.24	<0.100	<1.35	<0.100	<0.150
	03/28/05	0.728	<0.175	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	1.60	<0.100	<1.25	<0.125	<0.100
	09/20/05	0.274	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.606	<0.0200	<0.610	<0.0200	0.0285
	03/14/06	0.0866	<0.0288	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	0.259	<0.0192	<0.462	<0.0192	<0.0288
	09/26/06	0.706	<0.198[6]	<0.0495[6]	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	1.59	<0.0198	<1.98[6]	<0.0495[6]	<0.0693[6]
	03/20/07	<0.245	<0.0686	<0.0686	<0.0392	<0.0196	<0.0196	0.0255	<0.0196	<0.0392	<0.0196	<0.0686	0.724	<0.0196	<1.18	<0.0490	<0.196

COPPOR00007704

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene (µg/l)	Acenaphthylene (µg/l)	Anthracene (µg/l)	Benzo (a) anthracene (µg/l)	Benzo (a) pyrene (µg/l)	Benzo (b) fluoranthene (µg/l)	Benzo (g,h,i) perylene (µg/l)	Benzo (k) fluoranthene (µg/l)	Chrysene (µg/l)	Dibenzo (a,h) anthracene (µg/l)	Fluoranthene (µg/l)	Fluorene (µg/l)	Indeno (1,2,3-cd) pyrene (µg/l)	Naphthalene (µg/l)	Phenanthrene (µg/l)	Pyrene (µg/l)
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
B-37	02/17/00	0.0698	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0547
dup	02/17/00	0.0683	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0731
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/28/00	0.124	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.128	ND
	05/17/01	0.110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/26/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/25/03	0.120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	09/25/03	0.113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.118	ND
	03/31/04	0.0737	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.320	<0.0300	0.0431
	09/28/04	0.142	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.300	<0.100	<0.100
	03/28/05	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.225	<0.100	<0.100
	09/20/05	0.347	<0.0303	<0.0303	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.222	<0.0707	0.0454
	03/14/06	0.0725	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.277	<0.0198	<0.0396
dup	03/14/06	<0.0891	<0.0198	0.0217	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	0.0217	<0.0198	<0.0198	<0.0198	<0.0198	<0.277	0.0813	0.0591
	09/26/06	0.270	<0.0392[6]	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.225[6]	0.0214	0.0208
	03/20/07	0.186	<0.0288	0.0199	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.962	0.0517	0.0636
B-40	02/17/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/26/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/29/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/26/06[8]	8.45	<1.75[9]	1.39	0.189	0.0804	<0.100[6]	<0.500	<0.100[6]	0.337	<0.0500	<0.500	9.06	<0.0500	<213[9]	13.8	1.42
	03/20/07	26.0	<9.95	<9.95	2.01	0.749	<0.498	<4.98	<0.498	3.86	0.298	<4.98	40.5	0.167	389	87.0	16.6

COPPOR00007705

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
P-1	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/31/04	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0405
	09/26/06	0.0137	<0.0102	<0.0102	<0.00508	<0.00508	<0.00508	<0.0102	<0.00508	0.00513	<0.00508	<0.0102	0.0225	<0.00508	<0.0457[6,7]	0.0468	0.0195
	03/20/07	<0.00976	<0.00976	<0.00976	<0.00488	<0.00488	<0.00488	<0.00976	<0.00488	<0.00488	<0.00488	<0.00976	<0.00976	<0.00488	<0.0341	0.0139	0.0134
P-2	03/17/03	2.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.62	ND	ND	2.05	ND
	9/25/03[2]	1.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.85	ND	ND	4.23	ND
	03/30/04	1.97	<0.200	<0.300	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	7.66	<0.200	<1.70	3.28	<0.200
	09/28/04	2.28	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	8.23	<0.200	<1.40	3.56	<0.200
	03/28/05	2.62	<0.600	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.800	<0.400	8.77	<0.400	<1.60	3.48	<0.400
	03/14/06	3.45	<0.777	<0.777	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388	<0.777	12.1	<0.0388	<1.94	4.17	<0.0583
U-2	02/17/00	0.140	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.683	0.224	ND	ND	0.104	0.0856
	05/26/00	0.119	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.239	ND	ND	0.122	ND
	08/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.73	ND	ND	ND	ND
	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/17/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/20/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/26/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/25/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/31/04	0.166	<0.0200	0.0201	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.100	0.237	<0.0200	<1.12	0.0680	0.0787
	09/28/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.150	<0.100	<0.100
	03/28/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/20/05	0.0232	<0.0196	0.0308	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	0.0197	0.0283	<0.0196	<0.118	0.0318	0.0292
	03/14/06	0.352	<0.106	0.0232	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	0.0392	0.454	<0.0192	<4.71	0.135	0.0798
	09/27/06	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.168[6]	<0.0198	0.0414
	03/21/07	0.135	<0.0291	0.0310	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	0.0447	0.451	<0.0194	<2.43	0.163	0.0874
U-3	02/17/00	0.142	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17	ND	ND	0.066	ND
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.119	ND	ND	ND	ND
	08/28/00	0.145	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.163	ND	ND	ND	ND
	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120	ND	0.160	ND	ND
dup	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120	ND	ND
	02/23/01	0.117	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.152	ND	ND	ND	ND
	05/17/01	0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.134	ND	ND	ND	ND

COPPOR0007706

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-4	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.92	ND	ND	7.42	ND
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.44	ND	ND	7.11	ND
	08/28/00	5.05	ND	1.32	ND	ND	ND	ND	ND	ND	ND	ND	11.6	ND	ND	12.4	1.17
dup	08/28/00	4.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.367	10.4	ND	ND	6.48	0.544
	11/29/00	1.66	ND	0.660	ND	ND	ND	ND	ND	ND	ND	0.220	3.38	ND	0.760	1.92	0.340
	02/23/01	13.0	ND	4.14	ND	ND	ND	ND	ND	0.727	ND	ND	31.6	ND	ND	40.6	4.08
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/18/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	03/13/02	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	09/26/02	2.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.60	ND	ND	8.14	0.571
dup	09/26/02	3.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.72	ND	ND	9.70	0.842
	03/17/03	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/27/06	2.13	<0.990[6]	0.443	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	0.113	5.81	<0.0990	<2.97[6]	4.59	0.351
	03/21/07	2.92	<0.980	<1.96	<0.0980	<0.0980	<0.0980	<0.0980	<0.0980	0.104	<0.0980	0.263	11.2	<0.0980	<4.51	6.69	1.06
U-5	02/17/00	1.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.63	ND	ND	1.42	0.0674
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.04	ND
	08/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.52	ND	ND	2.29	ND
	11/29/00	0.800	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.02	ND	2.60	1.06	ND
	02/23/01	ND	ND	0.124	ND	ND	ND	ND	ND	ND	ND	ND	3.28	ND	ND	1.64	ND
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/18/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/26/02	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	03/18/03	ND	ND	ND	1.08	ND	ND	2.54	ND	1.89	ND	ND	36.0	ND	ND	55.0	11.3
	09/25/03	5.52	ND	1.13	ND	ND	ND	ND	ND	ND	ND	ND	9.61	ND	4.71	10.7	1.31
	03/31/04	3.15	<0.400	0.921	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	5.18	<0.400	<2.50	5.49	1.06
	09/28/04	4.54	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	6.51	<0.500	<3.25	5.66	<0.500
	03/28/05	4.25	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<1.00	6.87	<1.00	<2.50	7.64	<1.00
	09/20/05	3.69	<0.192	0.545	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	5.80	<0.192	<2.31	6.37	0.443
	03/14/06	3.50	<0.784	<0.490	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	5.78	<0.196	<3.04	6.09	0.374
	09/26/06[8]	204	<72.8[6]	108	9.40	5.79	<6.07[6]	28.3	<7.28[6]	23.3	3.69	27.6	374	2.33	<121[6,7]	996	119
	03/20/07	4.58	<1.17	<2.14	0.189	0.0981	<0.0971	0.420	<0.0971	0.403	0.0577	<0.388	12.5	0.0459	<5.44	11.6	2.56

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TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-10	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.345	ND	ND
	09/25/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/30/04	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0302	<0.0200	<0.0200
	09/28/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	03/28/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/20/05	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0297	<0.0198	<0.0198
	03/14/06	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0291	<0.0194	<0.0291
U-11	03/18/03	0.711	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.44	ND	ND	0.951	ND
	09/25/03	1.45	ND	0.229	ND	ND	ND	ND	ND	ND	ND	0.391	4.69	ND	ND	3.25	0.396
	03/30/04	1.73	<0.200	0.395	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.610	5.29	<0.200	<2.60	4.32	0.821
	09/28/04	<0.171	<0.114	<0.171	<0.114	<0.114	<0.114	<0.114	<0.114	0.114	<0.229	<0.286	<0.343	<0.114	<0.343	<0.343	0.341
	03/28/05	1.74	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<1.00	5.56	<1.00	<2.00	4.14	<1.00
	09/20/05	1.39	<0.102	0.296	0.200	<0.102	<0.102	<0.102	<0.102	0.175	<0.102	0.608	3.19	<0.102	<1.68	3.30	0.830
	03/14/06	1.78	<0.481	0.579	0.281	<0.192	<0.192	<0.192	<0.192	0.238	<0.192	0.926	4.54	<0.192	<2.64	4.10	1.59
U-12	03/18/03	1.72	ND	0.308	ND	ND	ND	ND	ND	ND	ND	0.384	7.94	ND	ND	3.91	0.541
	09/25/03	0.277	ND	0.138	ND	ND	ND	ND	ND	ND	ND	ND	1.25	ND	0.231	1.59	ND
	03/30/04	0.151	<0.0400	<0.0600	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	0.621	<0.0400	<0.320	0.238	0.0434
	09/28/04	1.21	<0.100	0.304	0.193	<0.100	<0.100	<0.100	<0.100	0.153	<0.200	0.616	2.56	<0.100	<1.20	2.56	0.832
	03/28/05	<0.325	<0.275	<0.225	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	1.00	<0.100	<0.275	0.615	<0.100
	09/20/05	<0.0816	<0.0408	<0.0408	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	0.313	<0.0204	<0.153	<0.0714	0.0344
	04/06/06[3]	0.502	<0.410	0.256	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	0.0425	<0.0190	0.0749	1.15	<0.0190	<0.524	2.20	0.0762
U-14	09/27/06	0.329	<0.202[6]	<0.0303[6]	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	0.0242	0.750	<0.0202	<4.14[6]	0.189	0.0400
	03/21/07	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	0.0284	<0.0194	<0.369	0.0292	<0.0194
U-15	09/27/06	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0784[6]	<0.0196	0.0261
	03/21/07	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	0.0211	<0.0196	<0.123	<0.0196	<0.0196
U-16	09/27/06	0.577	<0.303	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	<0.202	1.14	<0.202	<1.92[6]	0.655	<0.202
	03/21/07	<0.583	<0.233	<0.311	<0.0777	<0.0777	<0.0777	<0.0777	<0.0777	0.0979	<0.0777	0.107	1.50	<0.0777	<1.71	0.824	0.339
U-17	09/27/06	<0.404[6]	<0.404[6]	<0.404[6]	0.0241	<0.0202	<0.0202	<0.0202	<0.0202	0.0221	<0.0202	<0.0202	0.698	<0.0202	<1.62[6]	0.406	0.124
	03/21/07	<0.713	<0.238	0.113	<0.0792	<0.0792	<0.0792	<0.0792	<0.0792	<0.0792	<0.0792	0.135	1.15	<0.0792	<3.72	1.57	0.327
U-18	03/21/07	1.60	<0.385	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	5.40	<0.192	<3.08	1.76	0.277
U-19	03/21/07	<0.175	<0.0583	<0.175	0.0606	<0.0388	<0.0388	<0.0388	<0.0388	0.0878	<0.0388	0.222	0.451	<0.0388	<5.83	0.239	0.239
U-20	03/20/07	1.42	<0.505	<0.233	<0.0777	<0.0777	<0.0777	<0.0777	<0.0777	0.0921	<0.0777	0.0954	3.49	<0.0777	<5.44	4.56	0.195
U-21	03/20/07	1.29	<0.854	0.170	0.0845	<0.0777	<0.0777	<0.0777	<0.0777	0.0987	<0.0777	0.298	1.24	<0.0777	<8.16	0.694	0.330

COPPOR00007708

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene (µg/l)	Acenaphthylene (µg/l)	Anthracene (µg/l)	Benzo (a) anthracene (µg/l)	Benzo (a) pyrene (µg/l)	Benzo (b) fluoranthene (µg/l)	Benzo (g,h,i) perylene (µg/l)	Benzo (k) fluoranthene (µg/l)	Chrysene (µg/l)	Dibenzo (a,h) anthracene (µg/l)	Fluoranthene (µg/l)	Fluorene (µg/l)	Indeno (1,2,3-cd) pyrene (µg/l)	Naphthalene (µg/l)	Phenanthrene (µg/l)	Pyrene (µg/l)
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4

NOTES:
- = Not sampled, not analyzed, not applicable
µg/l = Micrograms per Liter
ND = Not detected at or above method detection limit
2/00 and 5/00 data from IT Corporation
8/00, 11/00, 2/01 and 5/01 data from KHM Environmental Management, Inc.
IT Corp Data recorded as reported in Second Quarter 2000 Report
Analytes reported in alphabetical order
NS/F = Not sampled floating product present
NS/S = Not sampled sheen present
[1] = Sample rerun outside of hold time due to low surrogate recovery reported in the initial sample as a result of an extraction error.
[2] = Sample ID was misidentified by the laboratory as D-2
[3] = Analytical results are from a re-sample due to container breakage at the laboratory of the sample collected on 3/14/06.
[4] = Analyte was detected in the associated Method Blank.
[5] = Naphthalene was detected in the Method Blank at 0.0165 µg/L. Sample has a detection for naphthalene at 0.0468 µg/L. The result has been qualified and should be considered an estimate. Unable to perform corrective action due to insufficient volume left.
[6] = The reporting limit for this analyte was raised due to matrix interference or sample matrix effects.
[7] = Analyte was detected in the blank at greater than one-half of the MRL, but samples are ND.
[8] = The reporting limit was raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
[9] = Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10 times the concentration found in the method blank.
dup* = duplicate for B-30 submitted as blind duplicate labeled as B-50
dup** = duplicate for B-30 submitted as blind duplicate labled as B-31
dup*** = duplicate for B-30 submitted as blind duplicate labeled as B-130
PAHs by EPA Method 8270M-SIM

COPPOR00007709

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
CHEVRON												
B-7	02/18/00	0.028	0.122	0.00107	0.0066	0.0134	0.00425	NA	ND	0.00125	ND	0.0234
	05/23/00	0.0268	0.228	ND	0.0264	0.0441	0.0115	NA	ND	0.00193	ND	0.0863
dup	05/23/00	0.0276	0.259	ND	0.0304	0.051	0.0137	NA	ND	0.00211	ND	0.104
	08/25/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	11/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S
	02/22/01	0.0310	0.0719	ND	ND	0.00311	ND	NA	ND	ND	ND	0.00513
	05/17/01	0.0364	0.0587	ND	ND	0.00157	ND	NA	ND	ND	ND	ND
	03/20/03	0.0275	0.0642	ND	ND	0.0209	ND	NA	ND	ND	ND	ND
	09/29/03	0.0304	0.0815	ND	0.00278	0.00608	0.00121	NA	ND	0.00132	ND	0.00782
	03/30/04	0.0303	0.0869	0.00138	0.00320	0.00647	0.00175	NA	<0.000200	<0.00100	<0.00100	0.0135
	03/09/05	0.0342	0.110	<0.00100	0.00434	0.00822	0.00239	NA	<0.000200	<0.00200	<0.00100	0.0193
dup	03/09/05	0.0338	0.108	<0.00100	0.00490	0.00978	0.00273	NA	<0.000200	<0.00200	<0.00100	0.0218
	09/22/05	0.0363	0.0857	<0.00100	0.00241	0.00483	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00787
B-9	05/23/00	0.0177	0.139	ND	0.0176	0.0286	0.00848	NA	ND	0.00123	ND	0.0616
	08/25/00	0.0116	0.0534	ND	0.00270	0.00750	0.00214	NA	ND	ND	ND	0.0228
	11/30/00	0.0108	0.153	0.00149	0.0159	0.0354	0.0114	NA	ND	0.00125	ND	0.0823
	02/22/01	0.0173	0.0460	ND	ND	0.00213	ND	NA	ND	0.00127	ND	ND
	05/17/01	0.0208	0.0706	ND	0.00444	0.00634	0.00241	NA	ND	ND	ND	0.0161
	09/19/01	0.0161	0.0753	ND	0.00256	0.00993	0.00266	NA	ND	ND	ND	0.0136
	03/21/02	0.0105	0.0488	ND	0.00257	0.00683	0.00398	NA	ND	ND	ND	0.0506
	09/24/02	0.0185	0.0469	ND	ND	ND	ND	NA	ND	ND	ND	ND
	03/20/03	0.00992	0.0401	ND	0.00165	0.00421	0.00317	NA	ND	ND	ND	0.0283
	09/30/03	0.00905	0.137	0.00136	0.00812	0.0285	0.0155	NA	ND	ND	ND	0.0532
	03/30/04	0.0384	0.349	0.00382	0.0395	0.0991	0.0467	NA	<0.000200	0.00147	<0.00100	0.331
	03/08/05	0.0305	0.0592	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00759
	06/22/05	0.0268	0.0481	<0.00100	<0.00100	0.00225	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.0187
	09/21/05	0.0338	0.0579	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00648
	09/26/06	0.0298	0.0708	<0.00100	<0.00100	0.00315	0.00218	NA	<0.000200	<0.00100	<0.00100	0.0338
	03/22/07	0.0198	0.0724	0.000352	0.00575	0.0165	0.0268	2.43	0.00000989	<0.00160	<0.000800	0.0711

COPPOR0007710

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
B-10	02/18/00	0.0367	0.337	0.00084	0.0355	0.0572	0.0202	NA	ND	0.00053	0.00019	0.0965
dup	02/18/00	0.0394	0.375	0.00141	0.0448	0.0745	0.027	NA	ND	0.00525	0.0002	0.123
	05/23/00	0.0354	0.211	ND	0.0265	0.0384	0.0115	NA	ND	0.00229	ND	0.0631
	08/25/00	0.0314	0.0657	ND	0.00199	0.00366	0.00141	NA	ND	0.00105	ND	0.177
	11/30/00	0.0307	0.0946	ND	0.00590	0.00800	0.00257	NA	ND	0.00131	ND	0.0165
	02/23/01	0.0323	0.0611	ND	ND	ND	ND	NA	ND	0.00184	ND	ND
	05/17/01	0.0395	0.0567	ND	ND	ND	ND	NA	ND	ND	ND	ND
	09/19/01	0.0234	0.194	ND	0.0249	0.0466	0.0161	NA	ND	0.00104	ND	0.0793
	03/21/02	0.0301	0.0644	ND	ND	ND	ND	NA	ND	ND	ND	ND
	09/24/02	0.0290	0.0607	ND	ND	ND	ND	NA	ND	ND	ND	ND
	03/20/03	0.0327	0.0620	ND	ND	ND	ND	NA	ND	ND	ND	ND
	09/29/03	0.0337	0.0820	ND	0.00285	0.00441	0.00217	NA	ND	0.00165	ND	0.0132
	03/30/04	0.0332	0.128	<0.00100	0.0100	0.0162	0.00783	NA	<0.000200	<0.00100	<0.00100	0.0402
	03/08/05	0.0395	0.0881	<0.00100	0.00231	0.00359	0.00305	NA	<0.000200	<0.00200	<0.00100	0.0111
	09/21/05	0.0369	0.0641	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500
	03/14/06	0.0366	0.0659	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500
	09/26/06	0.0274	0.0902	0.0000800	0.00227	<0.00160	0.00155	NA	<0.00500	<0.0100	<0.0000960	0.0103
	03/21/07	0.0286	0.0808	0.0000800	0.00339	0.00435	0.00215	4.29	0.00000618	<0.00160	<0.0000960	0.0142
dup	03/21/07	0.0310	0.0877	0.0001040	0.00450	0.00581	0.00290	3.95	0.00000833	<0.00160	<0.0000960	0.0169
B-11	02/18/00	0.0386	0.985	0.00408	0.130	0.214	0.0959	NA	ND	0.0034	0.00047	0.356
	05/23/00	0.0219	0.236	ND	0.0258	0.0407	0.0172	NA	ND	0.00233	ND	0.0732
	08/25/00	0.0292	0.0809	ND	0.00543	0.00765	0.00398	NA	ND	ND	ND	0.0273
	11/30/00	0.0277	0.113	ND	0.00986	0.0127	0.00575	NA	ND	0.00146	ND	0.0288
	02/22/01	0.0234	0.0573	ND	ND	ND	ND	NA	ND	ND	ND	ND
	05/17/01	0.0291	0.0553	ND	ND	ND	ND	NA	ND	ND	ND	ND
	03/30/04	0.0241	0.115	0.00164	0.00904	0.0152	0.00896	NA	<0.000200	<0.00100	<0.00100	0.0315
	03/09/05	0.0265	0.0972	0.00208	0.00534	0.00943	0.00615	NA	<0.000200	<0.00200	<0.00100	0.0261
	06/22/05	0.0269	0.106	<0.00100	0.00978	0.0123	0.00543	NA	<0.000200	<0.00200	<0.00100	0.0258
	09/21/05	0.0308	0.0603	<0.00100	0.00182	0.00313	0.00166	NA	<0.000200	<0.00200	<0.00100	0.00732
B-14	02/18/00	0.0367	0.297	0.0006	0.029	0.053	0.0403	NA	0.000095	0.00134	0.00016	0.0874
	05/23/00	0.0327	0.155	ND	0.0152	0.0264	0.0186	NA	ND	0.00168	ND	0.0421
	08/25/00	0.0300	0.0774	ND	0.00175	0.00339	0.00568	NA	ND	0.00113	ND	0.0207
	11/30/00	0.0292	0.0724	ND	ND	ND	0.00326	NA	ND	0.00124	ND	ND
	02/22/01	0.0299	0.0603	ND	ND	0.00202	0.00102	NA	ND	0.00104	ND	0.00696
	05/17/01	0.0373	0.0553	ND	ND	ND	ND	NA	ND	ND	ND	ND
B-19	03/20/03	0.0453	0.0693	ND	ND	ND	ND	NA	ND	ND	ND	ND
	09/29/03	0.0404	0.208	ND	0.0203	0.0297	0.00909	NA	0.000234	ND	ND	0.0577
	03/29/04	0.0435	0.104	<0.00100	0.00487	0.00831	0.00279	NA	<0.000200	<0.00100	<0.00100	0.0192
	03/09/05	0.0407	0.210	<0.00100	0.0181	0.0307	0.00918	NA	<0.000200	<0.00200	<0.00100	0.0545
	06/22/05	0.0478	0.223	<0.00100	0.0265	0.0370	0.00922	NA	<0.000200	<0.00200	<0.00100	0.0633
	09/22/05	0.0481	0.101	<0.00100	0.00347	0.0060	0.00159	NA	<0.000200	<0.00200	<0.00100	0.0105
	03/14/06	0.0523	0.113	<0.00100	0.00391	0.0057	0.00167	NA	<0.000200	<0.00200	<0.00100	0.0117

COPPOR00007711

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
B-20	03/20/03	0.0107	0.0459	ND	0.00109	0.00389	ND	NA	ND	ND	ND	0.00501
	09/29/03	0.130	4.35	0.0494	0.808	1.14	0.643	NA	0.000934	0.00840	ND	3.96
	03/30/04	0.00165	0.0417	<0.00100	0.00184	0.00508	0.00121	NA	<0.00200	<0.00100	<0.00100	0.00910
	03/09/05	0.0360	0.0795	<0.00100	0.00113	0.00212	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500
	09/22/05	0.0374	0.0691	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500
B-21	09/19/01	0.0306	0.107	ND	0.00833	0.0107	0.00322	NA	ND	ND	ND	0.0259
	03/21/02	0.0405	0.0662	ND	ND	ND	ND	NA	ND	ND	0.00109	0.00852
	09/24/02	0.0412	0.0695	ND	ND	ND	ND	NA	ND	ND	ND	ND
	03/20/03	0.0740	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
	09/29/03	0.0474	0.0759	ND	ND	ND	ND	NA	ND	ND	ND	ND
	03/29/04	0.0469	0.132	<0.00100	0.00984	0.0141	0.00478	NA	<0.00200	<0.00100	<0.00100	0.0340
	03/08/05	0.0559	0.179	<0.00100	0.0143	0.0188	0.00535	NA	<0.000200	<0.00200	<0.00100	0.0374
	09/22/05	0.0554	0.0884	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500
	03/15/06	0.0531	0.0866	<0.00100	0.00102	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500
	09/26/06	0.0432	0.0854	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.000200	<0.00100	<0.00100	<0.0100
	03/21/07	0.0390	0.0947	0.0000880	0.00213	0.00362	0.00262	2.76	0.0000144	<0.00160	<0.0000960	0.0136
B-26	03/30/04	0.00345	0.232	0.0305	0.0220	0.0485	0.0415	NA	<0.000200	<0.00100	<0.00100	0.140
	03/09/05	0.0345	0.0852	0.00411	0.00274	0.00801	0.00696	NA	<0.000200	<0.00200	<0.00100	0.0176
	06/22/05	0.0397	0.146	0.0130	0.0152	0.0319	0.0208	NA	<0.000200	<0.00200	<0.00100	0.0689
	09/22/05	0.0351	0.0812	0.00601	0.00320	0.0103	0.00754	NA	<0.000200	<0.00200	<0.00100	0.0261
B-28	02/18/00	0.0122	0.422	0.00368	0.0437	0.104	0.0496	NA	0.000088	0.00156	0.00025	0.165
	05/23/00	0.00956	0.245	0.00144	0.0258	0.0468	0.0205	NA	ND	0.00277	ND	0.0913
	08/25/00	0.00530	0.120	ND	0.00825	0.0152	0.00565	NA	ND	0.00134	ND	0.0504
	11/30/00	0.0179	0.459	ND	0.0421	0.0640	0.0303	NA	ND	0.00271	ND	0.149
	02/23/01	0.00758	0.131	ND	0.00896	0.0142	0.00555	NA	ND	0.00181	ND	0.0363
	05/17/01	0.00561	0.0914	ND	0.00498	0.00737	0.00272	NA	ND	0.00199	ND	0.0200
	09/20/01	0.0434	0.0821	ND	0.00166	0.00546	ND	NA	ND	0.00109	ND	0.00782
	03/21/02	0.00407	0.0692	ND	0.00311	0.0115	0.00292	NA	ND	ND	ND	0.0148
	09/24/02	0.00298	0.0519	ND	ND	ND	ND	NA	ND	0.00244	ND	ND
	03/20/03	0.00220	0.0489	ND	ND	ND	ND	NA	ND	0.00164	ND	ND
	09/30/03	0.0219	0.483	0.00173	0.0572	0.109	0.0404	NA	ND	ND	ND	0.205
	03/29/04	0.00600	0.111	0.00118	0.00942	0.0287	0.00852	NA	<0.000200	<0.00100	<0.00100	0.0341
	09/21/05	0.00508	0.0838	<0.00100	0.00364	0.00980	0.00268	NA	<0.000200	<0.00200	<0.00100	0.0179
	03/14/06	0.00640	0.192	0.00287	0.0316	0.139	0.172	NA	<0.000200	<0.00200	<0.00100	0.451
	09/28/06	0.00396	0.0880	<0.00100	0.00417	0.0451	0.00370	NA	<0.000200	<0.00200	<0.00100	0.0201
B-29	09/20/01	0.0110	0.292	ND	0.0286	0.0531	0.0264	NA	ND	0.00385	ND	0.122
	03/21/02	0.00126	0.0600	ND	ND	0.00372	ND	NA	ND	ND	ND	0.00710
	09/24/02	ND	0.0601	ND	ND	ND	ND	NA	ND	0.00103	0.00102	ND
	03/20/03	ND	0.0593	ND	ND	0.00263	ND	NA	ND	0.00143	ND	ND
	09/30/03	0.00332	0.322	0.0133	0.0295	0.167	0.0280	NA	ND	ND	ND	0.125
	03/29/04	0.00528	0.367	0.0206	0.0293	0.162	0.0457	NA	<0.000200	<0.00100	<0.00100	0.146
	09/21/05	0.00308	0.193	0.00290	0.0159	0.059	0.0127	NA	<0.000200	<0.00200	<0.00100	0.0720
	03/14/06	0.00126	0.0986	<0.00100	0.00234	0.00834	0.00352	NA	<0.000200	<0.00200	<0.00100	0.0136
	09/28/06	<0.00100	0.0641	<0.00100	<0.00100	0.0122	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.0132
	03/22/07	0.00155	0.156	0.00346	0.0110	0.0882	0.0122	3.47	<0.00000500	<0.00160	<0.000800[6]	0.0367[7]

COPPOR00007712

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
B-30	02/18/00	0.0185	0.327	0.0355	0.0269	0.0671	0.0482	NA	ND	0.00265	0.00021	0.238
	05/23/00	0.0141	0.117	0.00978	0.00904	0.0713	0.0108	NA	ND	0.00267	ND	0.0527
	08/25/00	0.0221	0.0497	0.01460	0.00153	0.0176	0.00449	NA	ND	ND	ND	0.0632
	11/30/00	0.0175	0.0513	ND	ND	ND	ND	NA	ND	0.00103	ND	0.0116
	02/23/01	0.0144	0.0704	ND	ND	ND	ND	NA	ND	ND	ND	ND
dup**	02/23/01	0.0140	0.0670	ND	ND	ND	ND	NA	ND	ND	ND	ND
	05/17/01	0.0177	0.0477	ND	ND	ND	ND	NA	ND	0.00175	ND	ND
	09/20/01	0.00211	0.0825	0.00167	0.00347	0.0208	0.0161	NA	ND	0.00190	ND	0.0308
dup	09/20/01	0.0138	0.0564	ND	ND	0.00218	ND	NA	ND	0.00110	ND	ND
	03/21/02	0.0177	0.0438	0.00823	0.00111	0.00533	0.00227	NA	ND	ND	0.00100	0.0191
dup	03/21/01	0.0210	0.0489	0.00302	0.00142	0.00698	0.00458	NA	ND	ND	ND	0.0220
	09/24/02	0.0126	0.0495	ND	ND	ND	ND	NA	ND	0.00197	0.00126	ND
	03/20/03	0.0158	0.0483	ND	ND	ND	ND	NA	ND	ND	ND	ND
dup*	03/20/03	0.0144	0.0486	ND	ND	ND	ND	NA	ND	ND	ND	ND
	09/30/30	0.0238	0.193	0.0221	0.0195	0.0631	0.0392	NA	ND	ND	ND	0.159
dup***	09/30/30	0.0267	0.276	0.0301	0.0268	0.0842	0.0574	NA	ND	ND	ND	0.211
	03/29/04	0.0183	0.0529	0.00229	0.00106	0.00405	0.00330	NA	<0.000200	<0.00100	<0.00100	0.00752
	09/21/05	0.0179	0.0567	0.00180	<0.00100	0.00501	0.00332	NA	<0.000200	<0.00200	<0.00100	0.0113
dup****	09/21/05	0.0177	0.0544	<0.00100	0.00117	0.00384	0.00294	NA	<0.000200	<0.00200	<0.00100	0.0106
	03/14/06	0.0206	0.0668	<0.00100	<0.00100	0.00269	0.00202	NA	<0.000200	<0.00200	<0.00100	0.00557
dup	03/14/06	0.0204	0.0692	0.00102	0.00103	0.00323	0.00255	NA	<0.000200	<0.00200	<0.00100	0.00750
	09/28/06	0.0164	0.058	<0.00100	<0.00100	<0.00200	0.00202	NA	<0.000200	<0.00200	<0.00100	0.00910
	03/22/07	0.0136	0.0725	0.000800	0.00283	0.00719	0.00308	2.10	0.0000235	<0.00160	<0.000800[5]	0.0146
B-32	03/20/03	0.00367	0.0429	ND	0.00110	ND	ND	NA	ND	ND	ND	ND
	09/29/03	0.122	6.84	0.0170	1.04	1.64	1.15	NA	0.000754	0.0190	ND	3.74
	03/29/04	0.00917	0.434	0.00202	0.0615	0.108	0.0387	NA	0.000221	0.0224	<0.00100	0.215
	03/09/05	0.00780	0.128	<0.00100	-	0.0180	0.00680	NA	<0.000200	0.00203	<0.00100	0.0394
	09/22/05	0.0100	0.227	<0.00100	0.0230	0.0336	0.01180	NA	<0.000200	<0.00200	<0.00100	0.0737
	03/15/06	0.00684	0.0823	<0.00100	0.00316	0.00551	0.00222	NA	<0.000200	<0.00200	<0.00100	0.0110
B-33	03/20/03	0.00483	0.0430	ND	0.00437	0.0114	0.0124	NA	ND	ND	ND	0.0223
	09/30/03	0.0342	0.242	0.00699	0.0711	0.248	0.128	NA	ND	0.00124	ND	0.385
	03/30/04	0.0155	0.199	0.00830	0.0451	0.164	0.110	NA	<0.00200	<0.00100	<0.00100	0.389
	03/09/05	0.0264	0.175	0.00106	0.0342	0.0668	0.0513	NA	<0.000200	0.00204	<0.00100	0.157
	06/22/05	0.0156	0.140	<0.00100	0.0221	0.0560	0.0264	NA	<0.000200	<0.00200	<0.00100	0.0998
	09/22/05	0.0237	0.111	<0.00100	0.00916	0.0250	0.0109	NA	<0.000200	<0.00200	<0.00100	0.0484
	03/15/06	0.00579	0.0494	<0.00100	0.00261	0.00665	0.00441	NA	<0.000200	<0.00200	<0.00100	0.0683
CR-1	09/21/01	0.0143	0.0606	ND	0.00203	0.00468	0.00283	NA	ND	0.00118	ND	0.00846
	03/21/02	0.00173	0.0183	ND	0.00113	0.00397	ND	NA	ND	ND	ND	0.0163
	09/24/02	0.00204	0.0274	ND	ND	ND	ND	NA	ND	ND	ND	0.00609
	03/20/03	0.0119	0.0300	ND	0.00156	0.0112	0.00211	NA	ND	ND	ND	0.0179
	09/30/03	0.00832	0.0479	ND	0.00249	0.00836	0.00391	NA	ND	0.00189	ND	0.0139
	03/30/04	0.00210	0.261	0.00583	0.0220	0.0535	0.0676	NA	<0.000200	<0.00100	<0.00100	0.212
	03/08/05	0.00167	0.0245	<0.00100	<0.00100	0.00262	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.0102
	09/21/05	0.00325	0.0215	<0.00100	<0.00100	0.00231	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500
	09/27/06	0.00194	0.0207	0.000144	<0.000800	0.00277	0.000440	NA	<0.00500	<0.00200	<0.0000960	0.0109
	03/22/07	0.000912	0.0122	<0.0000752	<0.000800[5]	0.00392	<0.000432[5]	0.185	<0.00000500	<0.00160	<0.000800[5]	0.00958

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TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
CR-3	03/09/05	0.0156	0.414	0.00283	0.0239	0.0591	0.0410	NA	<0.000200	<0.00200	<0.00100	0.216
	06/22/05	0.0259	0.431	0.00206	0.0414	0.0708	0.0504	NA	<0.000200	<0.00200	<0.00100	0.218
	09/22/05	0.00191	0.0280	<0.00100	<0.00100	0.00346	0.00123	NA	<0.000200	<0.00200	<0.00100	0.00706
CR-8	02/18/00	0.0827	0.762	0.00345	0.0578	0.127	0.0997	NA	ND	0.00321	0.00037	0.404
	05/23/00	0.0256	0.342	0.00312	0.0228	0.0684	0.0365	NA	ND	0.00204	ND	0.155
	08/25/00	0.0203	0.105	ND	0.00697	0.0151	0.0101	NA	ND	ND	ND	0.0442
	11/30/00	0.0167	0.0890	ND	0.00565	0.0149	0.00781	NA	ND	0.00158	ND	0.0331
	02/22/01	0.0215	0.116	ND	0.00485	0.0123	0.00666	NA	ND	ND	ND	0.0288
	05/16/01	0.0135	0.0374	ND	0.00128	0.00231	0.00147	NA	ND	ND	ND	ND
CR-9	02/18/00	0.0167	0.236	0.00026	0.0194	0.0286	0.0156	NA	ND	0.00187	0.0001	0.0769
	05/23/00	0.00298	0.0413	ND	0.003	0.00381	0.00188	NA	ND	0.00112	ND	0.00893
	08/25/00	0.00160	0.0305	ND	ND	0.00143	ND	NA	ND	ND	ND	ND
dup	08/25/00	0.00160	0.0305	ND	ND	0.00170	ND	NA	ND	ND	ND	0.0165
	11/30/00	0.00162	0.0222	ND	ND	ND	ND	NA	ND	0.00283	ND	0.00503
dup	11/30/00	ND	0.0222	ND	ND	ND	ND	NA	ND	0.00114	ND	ND
	02/22/01	ND	0.0235	ND	ND	ND	ND	NA	ND	ND	ND	ND
	05/16/01	0.00142	0.0291	ND	ND	0.00246	ND	NA	ND	ND	ND	ND
	05/16/01	0.00145	0.0339	ND	0.00151	0.00205	ND	NA	ND	ND	ND	ND
CR-11	02/18/00	0.0656	0.440	0.00559	0.0252	0.0571	0.0296	NA	ND	0.00453	0.00014	0.123
	05/23/00	0.0493	0.382	0.00659	0.0358	0.0685	0.0391	NA	ND	0.00321	ND	0.168
	08/25/00	0.0631	0.0834	ND	0.00101	0.00325	0.00137	NA	ND	0.00183	ND	0.0179
	11/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S
	02/22/01	0.0536	0.126	ND	0.00104	0.00356	ND	NA	ND	0.00324	ND	0.00784
	05/16/01	0.0587	0.111	ND	0.00362	0.00628	0.00314	NA	ND	0.00243	ND	0.0193
CR-26	03/09/05	0.143	0.319	<0.00100	0.0182	0.0229	0.0109	NA	<0.000200	0.00209	<0.00100	0.0670
	06/22/05	0.157	0.212	<0.00100	0.00599	0.00661	0.00268	NA	<0.000200	<0.00200	<0.00100	0.0175
	09/22/05	0.210	0.164	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500

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TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
KINDER MORGAN												
MW-8	02/16/00	0.00974	0.0566	0.00073	0.00396	0.00476	0.00569	NA	ND	ND	ND	0.0344
	05/31/00	0.00348	0.0226	ND	ND	ND	ND	NA	ND	ND	ND	0.00788
	08/24/00	0.0136	0.0381	ND	ND	ND	ND	NA	ND	ND	ND	0.00799
	12/01/00	0.0177	0.0710	0.00236	0.00195	0.00272	0.00250	NA	ND	0.00239	ND	0.0207
	02/22/01	0.0111	0.0249	ND	0.00130	0.00234	ND	NA	ND	ND	ND	0.00720
	05/16/01	0.00942	0.0308	ND	ND	0.00119	ND	NA	ND	ND	ND	ND
dup	05/16/01	0.00931	0.0316	ND	ND	0.00135	ND	NA	ND	ND	ND	0.0208
	09/21/01	0.0168	0.0637	0.00141	0.00219	0.00350	ND	NA	ND	ND	ND	0.0138
	03/14/02	0.00198	0.0213	ND	ND	0.00376	ND	NA	ND	ND	ND	0.00824
dup	03/14/02	0.00281	0.0220	ND	ND	0.00337	ND	NA	ND	ND	ND	0.0115
	09/27/02	0.0116	0.0592	0.00130	0.00258	0.00514	0.00294	NA	ND	ND	ND	0.0230
	03/18/03	0.00412	0.0408	ND	ND	NS	ND	NA	ND	ND	ND	NS
dup	03/18/03	0.00352	0.0408	ND	ND	NS	ND	NA	ND	ND	ND	NS
	09/24/03	0.01080	0.0281	ND	ND	ND	ND	NA	ND	ND	ND	0.00670
	03/30/04	0.00150	0.0238	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00100	<0.00100	0.0107
	09/27/04	0.0160	0.0858	0.00268	0.00598	0.00898	0.00562	NA	<0.000200	<0.00100	<0.00100	0.0613
dup	09/27/04	0.0167	0.110	0.00395	0.00454	0.0130	0.00705	NA	<0.000200	<0.00100	<0.00100	0.0888
	03/29/05	0.00373	0.0147	0.00146	0.000360	0.00164	0.00115	NA	<0.000200	<0.00100	<0.00100	0.0229
	09/21/05	0.00867	0.0258	0.00128	<0.00100	0.00425	0.00181	NA	<0.000200	<0.00200	<0.00100	0.0217
	03/15/06	0.00216	0.0244	<0.00100	<0.00100	0.00234	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.0234
dup	03/15/06	0.00164	0.0245	<0.00100	<0.00100	0.00204	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.0222
	09/26/06	0.00884	0.0276	0.00408	<0.00100	0.00298	0.00149	NA	<0.000200	<0.00200	<0.00100	0.0430
	03/22/07	0.00208	0.0205	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.000200	<0.00100	<0.00100	0.0138
MW-10	02/16/00	0.0311	0.266	0.00027	0.025	0.0493	0.0256	NA	ND	0.00200	<0.00100	0.113
	05/31/00	0.0158	0.199	ND	0.0155	0.0292	0.0182	NA	ND	0.00179	ND	0.0756
	08/24/00	0.0196	0.0518	ND	ND	ND	ND	NA	ND	0.00130	ND	0.00549
	12/01/00	0.0284	0.0284	ND	0.00424	0.00704	0.00437	NA	ND	0.00125	ND	0.0181
	02/22/01	0.0222	0.0670	ND	0.00169	0.00331	0.00102	NA	ND	ND	ND	0.00893
	05/16/01	0.0199	0.0729	ND	ND	ND	ND	NA	ND	ND	ND	ND
MW-11	02/16/00	0.0577	0.398	0.00018	0.0344	0.0672	0.0786	NA	0.000065	0.00134	0.00015	0.168
	05/31/00	0.0595	0.454	ND	0.0291	0.0577	0.0705	NA	0.000201	0.00296	ND	0.153
	08/24/00	0.0509	0.111	ND	0.00484	0.00828	0.0210	NA	ND	0.00315	ND	0.0203
	12/01/00	0.0478	0.125	ND	0.00719	0.0114	0.0372	NA	ND	0.00438	ND	0.0311
	02/22/01	0.0509	0.113	ND	0.00590	0.0110	0.0399	NA	ND	ND	ND	0.0310
	05/16/01	0.0445	0.0816	ND	0.00184	0.00388	0.0300	NA	ND	ND	ND	0.0158

COPPOR0007715

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
MW-13	02/16/00	0.017	0.305	0.00011	0.0285	0.0438	0.0235	NA	ND	0.00072	0.00016	0.130
	05/31/00	0.0115	0.411	ND	0.0264	0.0409	0.0228	NA	ND	0.002	ND	0.114
	08/24/00	0.00331	0.0854	ND	0.00500	0.00817	0.00373	NA	ND	0.00431	ND	0.0207
	12/01/00	0.00384	0.0784	ND	0.00494	0.00752	0.00139	NA	ND	0.00146	ND	0.0201
dup	12/01/00	0.00465	0.0795	ND	0.00504	0.00682	0.00344	NA	ND	0.00162	ND	0.0207
	02/22/01	0.00146	0.0621	ND	0.00409	0.00581	0.00237	NA	ND	ND	ND	0.0176
	05/16/01	0.00174	0.0523	ND	0.00218	0.00308	0.00169	NA	ND	ND	ND	0.0123
MW-15	02/17/00	0.0017	0.0874	0.00004	0.00651	0.00546	0.00206	NA	ND	0.00034	ND	0.0219
dup	02/17/00	0.00152	0.0877	0.00008	0.00655	0.00532	0.0034	NA	-	0.00046	ND	0.021
	05/31/00	ND	0.0941	ND	0.006	0.00597	0.00322	NA	ND	ND	ND	0.0298
	08/24/00	ND	0.141	ND	0.00989	0.00879	0.00420	NA	ND	0.00481	ND	0.0388
	12/01/00	0.00316	0.148	ND	0.0133	0.0120	0.00697	NA	ND	0.00115	ND	0.0534
	02/22/01	0.00129	0.108	ND	0.00840	0.00951	0.00664	NA	ND	ND	ND	0.208
	05/16/01	ND	0.0681	ND	0.00126	0.00154	0.00113	NA	ND	ND	ND	0.0246
MW-21	02/17/00	0.004	0.188	0.00219	0.00777	0.0091	0.00988	NA	ND	0.00071	ND	0.0459
	05/30/00	0.00599	0.335	0.00701	0.0196	0.0248	0.0247	NA	ND	0.00185	ND	0.126
	08/23/00	0.00339	0.185	ND	0.00202	0.00295	0.00126	NA	ND	0.00153	ND	0.0140
	12/01/00	0.00344	0.141	0.00146	ND	ND	ND	NA	ND	0.00176	ND	0.0140
	02/22/01	0.00350	0.184	ND	0.00117	ND	ND	NA	ND	ND	ND	0.0107
	05/16/01	0.00471	0.0219	ND	ND	0.00127	0.00103	NA	ND	ND	ND	0.0182
MW-22	02/17/00	0.0928	0.251	0.00017	0.0121	0.00834	0.0391	NA	ND	0.00121	ND	0.0492
dup	02/17/00	-	-	-	-	-	-	NA	ND	-	-	-
	05/30/00	0.0945	0.244	ND	0.0097	0.0095	0.0216	NA	ND	0.00242	ND	0.0388
	08/23/00	0.104	0.194	ND	0.00125	0.00201	0.00695	NA	ND	0.00274	ND	ND
	12/01/00	0.0831	0.295	ND	0.00199	0.00213	0.0105	NA	ND	0.00300	ND	0.0265
	02/21/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S
	05/16/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
MW-23	02/17/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	05/30/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	08/23/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	11/30/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	02/22/01	0.00909	0.0582	ND	0.00175	0.00817	0.00441	NA	ND	ND	ND	0.00983
	05/16/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S

COPPOR00007716

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
MW-25	09/21/01	0.0563	0.0958	ND	0.00339	0.00365	0.00411	NA	ND	ND	ND	0.0256
	03/14/02	0.0406	0.115	ND	0.00573	0.00832	0.00969	NA	ND	ND	0.00115	0.0278
	09/27/02	0.116	0.186	ND	0.00606	0.00897	0.00990	NA	ND	ND	ND	0.0334
	03/18/03	0.0386	0.0440	ND	ND	NS	ND	NA	ND	0.00115	0.00110	NS
	09/24/03	0.0661	0.181	0.00125	0.0144	0.0230	0.0201	NA	ND	0.00179	ND	0.0712
	03/30/04	0.0521	0.0580	<0.00100	0.00157	<0.00200	<0.00115	NA	<0.000200	<0.00100	<0.00100	0.00810
	09/27/04	0.0712	0.140	<0.00100	0.00506	0.0112	0.0112	NA	<0.000200	<0.00100	<0.00100	0.0304
	03/28/05	0.0616	0.0941	<0.00100	0.00116	0.00253	0.00474	NA	<0.000200	0.000400	<0.00100	0.0118
	09/21/05	0.0622	0.0847	<0.00100	0.00140	0.00299	0.00189	NA	<0.000200	<0.00200	<0.00100	0.00838
	03/15/06	0.0607	0.0701	<0.00100	<0.00100	0.00469	0.00183	NA	<0.000200	<0.00200	<0.00100	0.00920
	09/26/06	0.0529	0.0763	<0.00100	0.00179	0.00258	0.0034	NA	<0.000200	<0.00200	<0.00100	0.0117
	03/22/07	0.0468	0.0771	<0.00100	0.00288	0.00393	0.00452	NA	<0.000200	<0.00100	<0.00100	0.0162
MW-26	02/17/00	0.0474	0.0943	0.00005	0.00468	0.00368	0.00342	NA	ND	0.0006	ND	0.0141
dup	02/17/00	0.0487	0.0904	0.0005	0.00434	0.00496	0.00312	NA	ND	0.00033	ND	0.0422
	05/30/00	0.0443	0.102	ND	0.00453	0.00501	0.00492	NA	ND	ND	ND	0.0162
	08/23/00	0.0530	0.0594	ND	0.00218	0.00249	0.00228	NA	ND	ND	ND	ND
dup	08/23/00	0.0576	0.0642	ND	0.00227	0.00384	0.00228	NA	ND	ND	ND	0.00791
	12/01/00	0.0526	0.0620	ND	0.00158	ND	0.00254	NA	ND	0.00116	ND	0.00796
	02/21/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S
	05/17/01	0.0590	0.0678	ND	0.00221	0.00170	0.00225	NA	ND	ND	ND	0.0120
	09/27/02	0.0450	0.0524	ND	0.00123	ND	0.00220	NA	ND	ND	ND	0.0169
	03/18/03	0.0205	0.0670	ND	ND	NS	ND	NA	ND	ND	0.00109	
	09/24/03	0.0510	0.0512	ND	ND	ND	0.00214	NA	ND	ND	ND	0.00507
	03/30/04	0.0431	0.0661	<0.00100	<0.00100	<0.00100	0.00102	NA	<0.000200	<0.00100	<0.00100	<0.00500
	09/27/04	0.0657	0.0662	<0.00100	0.00206	0.00448	0.00654	NA	<0.000200	<0.00100	<0.00100	0.0188
	03/28/05	0.0554	0.0749	0.00104	0.00129	0.00313	0.00586	NA	<0.000200	0.000530	<0.00100	0.0158
	09/21/05	0.0623	0.0462	<0.00100	<0.00100	<0.00200	0.00122	NA	<0.000200	<0.00200	<0.00100	<0.00500
	03/15/06	0.0476	0.0771	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500
	09/26/06	0.0457	0.0684	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00505
dup	09/26/06	0.0480	0.0692	<0.00100	<0.00100	0.00212	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500
	03/22/07	0.0438	0.0710	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.000200	<0.00100	<0.00100	0.0135
MW-28	02/16/00	0.00032	0.00803	ND	0.00047	0.002	0.00387	NA	ND	ND	ND	0.0172
	05/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S
	08/23/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S
	11/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S
	02/21/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	05/16/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S
MW-31	02/16/00	0.00504	0.016	ND	0.00042	0.00222	0.00135	NA	ND	ND	ND	0.00218
	05/30/00	0.00664	0.019	ND	ND	ND	ND	NA	ND	ND	ND	ND
	08/23/00	0.0181	0.0200	ND	ND	ND	ND	NA	ND	ND	ND	ND
	12/01/00	0.0134	0.0179	ND	ND	ND	0.00280	NA	ND	ND	ND	ND
	02/22/01	0.0148	0.0228	ND	ND	ND	ND	NA	ND	ND	ND	0.00723
	05/17/01	0.0150	0.0210	ND	ND	ND	0.00244	NA	ND	ND	ND	0.0132

COPPOR0007717

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
MW-32	02/16/00	0.00071	0.0189	0.00007	0.00297	0.00399	0.00309	NA	ND	ND	ND	0.00603
	05/30/00	0.00147	0.0268	ND	0.00195	0.0043	0.00159	NA	ND	ND	ND	0.0069
	08/23/00	ND	0.0147	ND	ND	0.00251	ND	NA	ND	ND	ND	ND
	12/01/00	0.00193	0.0142	ND	ND	ND	ND	NA	ND	0.00120	ND	ND
	02/22/01	ND	0.00921	ND	0.00119	ND	ND	NA	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
MW-33	02/16/00	0.00842	0.0768	0.00006	0.00162	0.00423	0.00368	NA	ND	ND	ND	0.00746
	05/30/00	0.00655	0.111	ND	0.00179	0.00338	0.00154	NA	ND	ND	ND	0.00721
	08/24/00	0.0103	0.227	ND	0.00104	0.00246	ND	NA	ND	0.00259	ND	ND
	11/30/00	0.0580	0.563	ND	0.00223	0.00343	ND	NA	ND	0.00163	ND	0.00882
	02/22/01	0.0142	0.0910	ND	0.00179	0.00339	0.00103	NA	ND	ND	ND	0.00944
dup	02/22/01	0.0142	0.104	ND	0.00188	0.00390	0.00155	NA	ND	ND	ND	0.0110
	05/16/01	0.0178	0.184	ND	ND	0.00128	ND	NA	ND	ND	ND	ND
	09/21/01	0.0100	0.0757	ND	ND	ND	ND	NA	ND	0.00151	ND	ND
	03/14/02	0.00975	0.0722	ND	ND	ND	ND	NA	ND	ND	0.00202	ND
	09/27/02	0.0302	0.356	ND	0.00206	0.00303	0.00136	NA	ND	ND	ND	0.0205
	03/18/03	0.00867	0.0401	ND	ND	NS	ND	NA	ND	ND	0.00140	NS
	09/24/03	0.0232	0.191	ND	ND	ND	ND	NA	ND	ND	ND	ND
	03/29/04	0.0124	0.0552	<0.00100	0.00114	<0.00200	<0.00100	NA	<0.000200	<0.00100	<0.00100	<0.00500
	09/27/04	0.132	1.41	<0.00200	0.00628	0.0135	<0.00200	NA	0.000490	<0.00200	<0.00200	0.0319
	03/29/05	0.00757	0.325	<0.00100	0.000360	0.00244	0.000210	NA	<0.000200	<0.00100	<0.00100	0.00737
	09/21/05	0.0181	0.398	<0.00100	0.00165	0.00290	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00580
dup	09/21/05	0.0163	0.366	<0.00100	0.00151	0.00292	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00516
	03/15/06	0.0112	0.0588	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00600
	09/27/06	0.0263	0.409	<0.0000752	<0.000800	<0.00160	<0.000432	NA	0.00724	<0.00160	<0.0000960	0.0244
	03/22/07	0.0139	0.123	0.000205	<0.000800	<0.00160	<0.000432	NA	0.00000767	<0.00160	<0.0000960	0.00827
dup	03/22/07	0.0373	0.380	0.000952	0.00110	0.00242	<0.000432	NA	<0.00000500	<0.00160	<0.0000960	0.0184
MW-34	09/21/01	0.0697	0.381	0.00239	0.0143	0.144	0.0146	NA	ND	0.00146	ND	0.104
	03/14/02	0.0376	0.178	ND	0.00582	0.0132	0.00549	NA	ND	ND	0.00151	0.0321
	09/27/02	0.162	0.670	0.00164	0.0264	0.0676	0.0226	NA	ND	0.00130	ND	0.126
	03/18/03	0.0148	0.0934	ND	0.00502	NS	0.00541	NA	ND	ND	0.00113	NS
	09/24/03	0.0109	0.0654	ND	0.00106	0.00236	0.00117	NA	ND	ND	ND	0.00994
	03/29/04	0.00364	0.0350	<0.00100	0.00114	<0.00200	<0.00100	NA	<0.000200	<0.00100	<0.00100	<0.00500
	09/27/04	0.0879	0.355	<0.00100	0.0114	0.0285	0.0111	NA	<0.000200	0.00131	<0.00100	0.0547
dup	03/29/05	0.0126		<0.00100	0.000530	0.00475	0.00158	NA	<0.000200	0.000350	<0.00100	0.0127
	03/29/05	0.0125	0.0756	<0.00100	0.000460	0.00382	0.00148	NA	<0.000200	0.000430	<0.00100	0.0119
	09/21/05	0.0537	0.133	<0.00100	0.00105	0.00354	0.00113	NA	<0.000200	<0.00200	<0.00100	0.00754
	03/15/06	0.00590	0.0572	<0.00100	0.00308	0.00329	0.00246	NA	<0.000200	<0.00200	<0.00100	0.0132
	09/27/06	0.0143	0.0700	0.000103	0.000899	0.00318	0.00139	NA	<0.00000500	<0.00160	<0.0000960	0.0150
	03/22/07	0.0252	0.117	0.000176	0.00401	0.00922	0.00501	NA	0.00000877	<0.00160	<0.0000960	0.0329

COPPOR00007718

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
MW-36	02/16/00	0.0146	0.0575	0.00005	0.00413	0.00614	0.00355	NA	ND	0.00022	ND	0.0131
	05/31/00	0.0149	0.0512	ND	0.0018	0.00308	ND	NA	ND	ND	ND	ND
	08/24/00	0.0187	0.0570	ND	ND	0.00222	ND	NA	ND	0.00111	ND	0.0108
	11/30/00	0.0225	0.0701	ND	ND	ND	ND	NA	ND	0.00147	ND	ND
	02/21/01	0.0201	0.0560	ND	0.00151	0.00280	ND	NA	ND	ND	ND	0.00677
	05/16/01	0.0297	0.0826	ND	ND	0.0169	ND	NA	ND	ND	ND	0.0149
	09/21/01	0.0168	0.0541	ND	ND	ND	ND	NA	ND	0.00108	ND	ND
	03/13/02	0.00442	0.0252	ND	ND	0.00297	ND	NA	ND	ND	ND	0.0122
	03/18/03	0.00541	0.0316	ND	0.00122	NS	ND	NA	ND	ND	ND	NS
	09/24/03	0.0436	0.116	ND	0.00103	0.00234	ND	NA	ND	ND	ND	ND
	3/29/04	0.0108	0.0339	<0.00100	0.00131	0.00385	0.00144	NA	<0.000200	<0.00100	<0.00100	<0.00500
	9/27/2004	0.0320	0.0679	<0.00100	0.00238	0.00739	0.00334	NA	<0.000200	0.00140	<0.00100	0.00675
	09/21/05	0.0336	0.0567	<0.00100	<0.00100	0.00307	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500
	03/15/06	0.00590	0.0238	<0.00100	<0.00100	0.00384	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500
	09/27/06	0.0176	0.0545	<0.0000752	<0.000800	0.00170	<0.000432	NA	<0.00000500	<0.00160	<0.0000960	0.00450
dup	09/27/06	0.0157	0.0480	<0.0000752	<0.000800	0.00160	<0.000432	NA	<0.00000500	<0.00160	<0.0000960	<0.00400
	03/22/07	0.00858	0.0334	<0.0000752	<0.000800	0.00264	0.000652	NA	0.00000540	<0.00160	<0.0000960	0.00628
MW-37	02/16/00	0.0184	0.0748	0.00022	0.00721	0.0118	0.00469	NA	ND	0.00032	ND	0.0184
	05/30/00	0.0199	0.0567	ND	0.00356	0.00572	0.0018	NA	ND	0.00158	ND	0.0111
dup	05/30/00	0.0189	0.0586	ND	0.00408	0.00637	0.00205	NA	ND	ND	ND	0.0121
	08/24/00	0.0227	0.0453	ND	ND	ND	ND	NA	ND	0.00158	ND	0.00598
	11/30/00	0.0221	0.0693	ND	0.00419	0.00605	0.00353	NA	ND	0.00123	ND	0.0123
	02/21/01	0.0223	0.0404	ND	0.00153	0.00206	ND	NA	ND	ND	ND	0.00526
	05/16/01	0.0209	0.0403	ND	ND	ND	ND	NA	ND	ND	ND	ND
	09/21/01	0.0222	0.0432	ND	0.00127	ND	0.00147	NA	ND	ND	ND	ND
	09/27/02	0.0190	0.0429	ND	ND	ND	ND	NA	ND	ND	ND	ND
dup	09/27/02	0.0194	0.0423	ND	ND	ND	ND	NA	ND	ND	ND	0.00923
	03/18/03	0.00864	0.0259	ND	ND	NS	ND	NA	ND	ND	0.00141	NS
	09/27/04	0.0242	0.0679	<0.00100	0.00308	0.00565	0.00334	NA	<0.000200	<0.00100	<0.00100	0.0181
	03/29/05	0.0153	0.0300	<0.00100	0.000230	<0.00100	0.000580	NA	<0.000200	<0.00100	<0.00100	0.00449
	09/21/05	0.0194	0.0390	<0.00100	<0.00100	<0.00200	0.00144	NA	<0.000200	<0.00200	<0.00100	<0.00500
	03/15/06	0.0120	0.0493	<0.00100	<0.00100	<0.00200	0.00141	NA	<0.000200	<0.00200	<0.00100	0.00959
	09/27/06	0.0199	0.0394	<0.0000752	<0.000800	<0.00160	<0.000432	NA	<0.00000500	<0.00160	<0.0000960	<0.00400
	03/22/07	0.0210	0.0468	0.000173	<0.000800	<0.00160	0.000810	NA	<0.00000500	<0.00160	<0.0000960	0.00843
MW-39	03/29/04	0.0174	0.110	<0.00100	0.00988	0.0163	0.00823	NA	<0.000200	<0.00100	<0.00100	0.0346
	09/27/04	0.0304	0.281	<0.00100	0.0248	0.0832	0.0190	NA	<0.000200	0.00140	<0.00100	0.113
	09/21/05	0.0199	0.0891	<0.00100	0.00218	0.0110	0.00238	NA	<0.000200	<0.00200	<0.00100	0.0139

COPPOR00007719

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
MW-40	02/16/00	0.0221	0.185	0.00011	0.0202	0.0289	0.0254	NA	ND	0.00047	0.00012	0.0669
	05/30/00	0.025	0.107	ND	0.00783	0.0107	0.00837	NA	ND	ND	ND	0.0245
	08/24/00	0.0270	0.123	ND	0.00162	0.00316	0.00141	NA	ND	0.00385	ND	0.0160
	11/30/00	0.0319	0.144	ND	0.00433	0.00734	0.00491	NA	ND	0.00187	ND	0.0178
	02/21/01	0.0387	0.119	ND	0.00375	0.00607	0.00330	NA	ND	ND	ND	0.0183
	05/16/01	0.0239	0.102	ND	0.00224	0.00314	0.00193	NA	ND	ND	ND	0.00862
	09/21/01	0.0248	0.106	ND	0.00306	0.00343	0.00254	NA	ND	0.00232	ND	0.0107
	03/13/02	0.0126	0.0538	ND	0.00197	0.00336	0.00194	NA	ND	ND	ND	0.0124
	09/27/02	0.0281	0.219	ND	0.00881	0.0104	0.00808	NA	ND	ND	ND	0.0250
	03/18/03	0.0174	0.0485	ND	0.00135	NS	0.00130	NA	ND	ND	ND	NS
	09/24/03	0.0448	0.254	ND	0.00895	0.0131	0.0316	NA	ND	ND	ND	0.0326
dup	09/24/03	0.0678	0.397	ND	0.0179	0.0249	0.0538	NA	ND	ND	ND	0.0627
	03/29/04	0.0190	0.0897	<0.00100	0.00124	0.00264	0.00124	NA	<0.000200	<0.00100	<0.00100	<0.00500
dup	03/29/04	0.0178	0.0797	<0.00100	0.00719	<0.00200	0.00128	NA	<0.000200	<0.00100	<0.00100	<0.00500
	9/27/2004	0.0611	0.343	<0.00100	0.0179	0.0293	0.0308	NA	<0.000200	<0.00100	<0.00100	0.0764
	3/29/2005	0.0198	0.0627	<0.00100	0.000380	0.00360	0.00229	NA	<0.000200	0.000480	<0.00100	0.00718
	09/21/05	0.0295	0.0807	<0.00100	<0.00100	0.00434	0.00126	NA	<0.000200	<0.00200	<0.00100	0.00592
	03/15/06	0.0162	0.0540	<0.00100	0.00139	0.00368	0.00157	NA	<0.000200	<0.00200	<0.00100	0.00758
	03/22/07	0.0191	0.0538	<0.0000752	<0.000800	0.00205	0.000886	NA	0.00000558	<0.00160	<0.0000960	0.00751

COPPOR00007720

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
CONOCOPHILLIPS												
B-4	05/26/00	0.035	0.245	ND	0.0275	0.0425	0.014	NA	ND	ND	ND	0.075
dup	05/26/00	0.0367	0.259	ND	0.0283	0.0443	0.0147	NA	ND	ND	ND	0.0785
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	11/29/00	0.0316	0.106	ND	0.00532	0.00968	0.00285	NA	ND	0.00165	ND	0.0176
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	09/26/02	0.0308	0.0999	ND	0.00541	0.00885	0.00272	NA	ND	0.00129	ND	0.0259
	09/25/03	0.0316	0.0928	ND	0.00258	0.00497	0.00155	NA	ND	0.00129	ND	0.0147
	09/26/06	0.0361	0.113	<0.00100	0.00384	0.00673	0.00231	NA	<0.000200	<0.00200	<0.00100	0.0216
	03/21/07	0.0338	0.0955	<0.00100	0.00182	0.00362	0.00159	NA	<0.000200	<0.00100	<0.00100	0.0182
B-17	02/17/00	0.0579	0.549	0.00036	0.091	0.140	0.0676	NA	ND	0.00152	0.00028	0.215
	05/26/00	0.0509	0.195	ND	0.0191	0.029	0.0171	NA	ND	0.00126	ND	0.0485
	08/28/00	0.0532	0.113	ND	0.00279	0.00417	0.00660	NA	ND	ND	ND	0.0120
	11/29/00	0.0525	0.111	ND	0.00217	0.00695	0.00636	NA	ND	0.00220	ND	0.00979
	02/23/01	0.0519	0.0821	ND	0.00130	0.00302	0.00470	NA	ND	ND	ND	0.00966
dup	02/23/01	0.0511	0.0885	ND	0.00305	0.00691	0.00535	NA	ND	0.00119	ND	0.0143
	05/17/01	0.0656	0.125	ND	0.00518	0.00746	0.00812	NA	ND	ND	ND	0.0287
dup	05/17/01	0.0650	0.114	ND	0.00406	0.00546	0.00718	NA	ND	0.00126	ND	0.0150
B-18	02/17/00	0.0223	0.507	0.00044	0.0797	0.110	0.0293	NA	0.000098	0.00158	0.00022	0.174
	05/26/00	0.0228	0.203	ND	0.0211	0.0313	0.00922	NA	ND	ND	ND	0.0558
	08/28/00	0.0221	0.130	0.00111	0.00563	0.00684	0.00315	NA	ND	ND	ND	0.0270
	11/29/00	0.0171	0.128	ND	0.00238	0.00451	0.00120	NA	ND	0.00153	ND	0.0157
	02/23/01	0.0256	0.118	ND	0.00538	0.0107	0.00294	NA	ND	ND	ND	0.0506
	05/17/01	0.0372	0.138	ND	0.00774	0.00959	0.00310	NA	ND	0.00106	0.00101	0.0309
B-22	02/17/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S
	05/26/00	0.0255	0.126	ND	0.0105	0.0187	0.00561	NA	ND	ND	ND	0.0385
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	11/29/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F

COPPOR00007721

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
B-35	02/17/00	0.0602	0.480	0.00062	0.0893	0.122	0.0826	NA	ND	0.00164	0.00021	0.311
	05/26/00	0.0102	0.116	ND	0.00786	0.0114	0.00264	NA	ND	0.0013	ND	0.0233
	08/28/00	0.0377	0.128	0.00153	0.00467	0.00612	0.00643	NA	ND	ND	ND	0.0339
	11/29/00	0.0468	0.131	ND	0.00316	0.00691	0.00619	NA	ND	0.00212	ND	0.0208
	02/23/01	0.0347	0.0816	ND	0.00200	0.00380	0.00305	NA	ND	0.00100	ND	0.0308
	05/17/01	0.0504	0.153	ND	0.0107	0.0141	0.0106	NA	ND	ND	ND	0.0511
	09/20/01	0.0344	0.0901	ND	0.00178	0.00420	0.00160	NA	ND	ND	ND	0.00632
	03/14/02	0.0335	0.308	ND	0.0463	0.0534	0.0298	NA	ND	0.00139	0.00145	0.146
	09/26/02	0.0296	0.225	ND	0.0298	0.0314	0.0147	NA	ND	0.00131	ND	0.0816
	03/18/03	0.0387	0.0958	ND	0.00155	0.00422	0.00277	NA	ND	ND	ND	0.00700
	09/25/03	0.0517	0.132	ND	0.00334	0.00631	0.00536	NA	ND	ND	ND	0.0171
	03/30/04	0.0291	0.135	<0.00100	0.0119	0.0149	0.00779	NA	<0.000200	<0.00100	<0.00100	0.0152
	09/28/04	0.0422	0.182	<0.00100	0.00829	NA	0.00993	NA	0.00171	<0.00100	<0.00100	NA
	03/28/05	0.0381	0.160	<0.00100	0.0124	0.0180	0.0156	NA	<0.000200	<0.00100	<0.00100	0.0776
	09/20/05	0.0426	0.282	<0.00100	0.0329	0.0408	0.0306	NA	<0.000200	<0.00200	<0.00100	0.107
	03/14/06	0.0423	0.105	<0.00100	0.00192	0.00534	0.00285	NA	<0.000200	<0.00200	<0.00100	0.0396
	09/26/06	0.0387	0.116	<0.00100	0.00233	0.00424	0.00344	NA	<0.000200	<0.00200	<0.00100	0.0233
	03/21/07	0.0336	0.272	<0.00100	0.0265	0.0270	0.0207	NA	<0.000200	<0.00100	<0.00100	0.114
B-36	02/17/00	0.0105	0.168	0.00021	0.0222	0.0306	0.00779	NA	ND	0.00064	ND	0.0551
	05/26/00	0.0105	0.120	ND	0.00819	0.012	0.00251	NA	ND	ND	ND	0.025
	08/28/00	0.0224	0.156	ND	0.00784	0.00876	0.00322	NA	ND	ND	ND	0.0474
	11/29/00	0.0223	0.130	ND	0.00525	0.00834	0.00171	NA	ND	0.00202	ND	0.0171
	02/23/01	0.0488	0.174	ND	0.00371	0.00666	0.00142	NA	ND	0.00234	ND	0.0244
	05/17/01	0.0387	0.476	ND	0.05720	0.06960	0.01650	NA	ND	0.00301	ND	0.138
	09/20/01	0.0185	0.0861	ND	0.00154	0.00302	ND	NA	ND	ND	ND	0.00761
dup	09/20/01	0.0204	0.0974	ND	0.00294	0.00411	ND	NA	ND	ND	ND	0.0132
	03/14/02	0.00840	0.0901	ND	0.00874	0.0114	0.00271	NA	ND	ND	ND	0.0294
	09/26/02	0.0170	0.109	ND	0.00688	0.00910	0.00440	NA	ND	ND	ND	0.0334
	03/18/03	0.00402	0.0409	ND	0.00234	0.00393	0.00144	NA	ND	ND	ND	0.00729
	09/25/03	0.0200	0.0644	ND	ND	ND	ND	NA	ND	0.00105	ND	ND
	03/30/04	0.00719	0.0586	<0.00100	0.00313	0.00580	0.00149	NA	<0.000200	<0.00100	<0.00100	0.0152
	09/28/04	0.0233	0.112	<0.00100	0.00349	NA	0.00120	NA	0.000285	<0.00100	<0.00100	NA
dup	09/28/04	0.0221	0.0814	<0.00100	0.00222	NA	<0.00100	NA	<0.000200	<0.00100	<0.00100	NA
	03/28/05	0.0240	0.104	<0.00100	0.00367	0.00482	0.00153	NA	<0.000200	<0.00100	<0.00100	0.0195
	09/20/05	0.0205	0.103	<0.00100	0.00450	0.00637	0.00145	NA	<0.000200	<0.00200	<0.00100	0.0132
	03/14/06	0.00803	0.0401	<0.00100	<0.00100	0.00331	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00531
	09/26/06	0.0217	0.0874	<0.00100	<0.00100	<0.00200	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00671
	03/21/07	0.0151	0.259	<0.0010	0.02640	0.0384	0.00970	NA	<0.000200	<0.00100	<0.00100	0.0812

COPPOR0007722

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
B-37	02/17/00	0.369	0.152	0.00033	0.0159	0.0297	0.00705	NA	ND	0.00159	ND	0.0544
dup	02/17/00	0.327	0.0344	0.0004	0.00066	0.00145	0.00236	NA	ND	0.00025	ND	0.00159
	05/26/00	0.418	0.092	ND	0.00526	0.0131	0.00234	NA	ND	ND	ND	0.0215
	08/28/00	0.897	0.227	ND	0.00462	0.00938	0.00209	NA	ND	ND	ND	0.0303
	11/29/00	0.391	0.0990	ND	0.00221	0.00608	ND	NA	ND	0.00132	ND	0.0120
	02/23/01	0.198	0.0747	ND	ND	0.00339	ND	NA	ND	ND	ND	0.0170
	05/17/01	0.521	0.168	ND	0.00408	0.00984	0.00164	NA	ND	ND	ND	0.0355
	03/14/02	0.0869	0.252	ND	0.0170	0.0409	0.00746	NA	ND	ND	ND	0.0764
	09/26/02	0.117	0.119	ND	0.00603	0.0100	0.00625	NA	ND	ND	ND	0.0348
	03/18/03	0.0758	0.121	ND	0.00829	0.0178	0.00429	NA	ND	ND	0.00222	0.0539
dup	03/18/03	0.0683	0.0958	ND	0.00572	0.0115	0.00288	NA	ND	ND	0.00141	0.0364
	09/25/03	0.260	0.158	ND	0.00290	0.00853	0.00119	NA	ND	0.00169	ND	0.0215
dup	09/25/03	0.247	0.182	ND	0.00513	0.0143	0.00217	NA	ND	ND	ND	0.0330
	03/31/04	0.125	0.0546	<0.00100	0.00137	0.00454	0.00131	NA	<0.000200	<0.00100	<0.00100	0.00842
	09/28/04	0.131	0.0784	<0.00100	0.00218	NA	<0.00100	NA	<0.000200	<0.00100	<0.00100	NA
	03/28/05	0.0734	0.0798	<0.00100	0.00187	0.00593	0.00157	NA	<0.000200	<0.00100	<0.00100	0.0270
	09/20/05	0.0802	0.0827	<0.00100	0.00115	0.00229	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.0133
	03/14/06	0.230	0.0616	<0.00100	<0.00100	0.00434	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00615
dup	03/14/06	0.217	0.0720	<0.00100	0.00110	0.00481	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00820
	09/26/06	0.165	0.0613	<0.00100	<0.00100	0.00288	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.0110
	03/21/07	0.151	0.0458	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.000200	<0.00100	<0.00100	<0.0100
B-40	02/17/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NA	NS/S	NS/S	NS/S	NS/S
	05/26/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	11/29/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	09/26/06	0.0184	0.0873	<0.0000752	<0.000800	0.00367	<0.000432	NA	<0.00000500	<0.00160	<0.0000960	0.0166
	03/20/07	0.0214	0.0808	<0.000752	0.00185	0.00712	0.00201	NA	<0.00000500	<0.00160	<0.000800	0.0570
U-2	02/17/00	0.0186	0.0632	0.00023	0.00363	0.0116	0.00499	NA	ND	0.00034	ND	0.0241
	05/26/00	0.011	0.0503	ND	0.00137	0.00537	0.00145	NA	ND	ND	ND	0.0109
	08/28/00	0.0119	0.0503	0.00120	0.00109	0.00377	0.00169	NA	ND	ND	ND	0.0147
	11/29/00	0.00729	0.0499	ND	0.00158	0.00314	0.00109	NA	ND	0.00105	ND	0.0131
	02/23/01	0.00887	0.0373	ND	ND	0.00935	0.00173	NA	ND	ND	ND	0.0212
	05/17/01	0.00953	0.0427	ND	0.00129	0.00916	0.00257	NA	ND	ND	ND	0.0205
	09/20/01	0.00680	0.0397	ND	ND	0.00421	ND	NA	ND	ND	ND	0.00700
	03/14/02	0.0108	0.0534	ND	0.00168	0.00666	0.00183	NA	ND	ND	ND	0.0436
	09/26/02	0.00678	0.0443	ND	ND	0.00277	ND	NA	ND	0.00127	ND	0.0116
	03/18/03	0.00998	0.0487	ND	0.00100	0.00583	0.00111	NA	ND	ND	ND	0.0398
	09/25/03	0.00978	0.0749	ND	0.00658	0.00896	0.00268	NA	ND	ND	ND	0.0636
	03/31/04	0.0158	0.0646	<0.00100	0.00243	0.0107	0.00313	NA	<0.000200	0.00116	<0.00100	0.0500
	09/28/04	0.0111	0.0762	<0.00100	0.00318	NA	0.00282	NA	<0.000200	<0.00100	<0.00100	NA
	03/28/05	0.0132	0.0996	<0.00100	0.00326	0.0187	0.00531	NA	<0.000200	<0.00100	<0.00100	0.0944
	09/20/05	0.0198	0.129	<0.00100	0.00174	0.0170	0.00550	NA	<0.000200	<0.00200	<0.00100	0.0520
	03/14/06	0.0156	0.0451	<0.00100	<0.00100	0.00775	0.00228	NA	<0.000200	<0.00200	<0.00100	0.0327
	09/27/06	0.0160	0.0617	<0.00100	<0.00100	0.0196	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.0106
	03/21/07	0.0181	0.0702	<0.00100	0.00117	-	0.00158	NA	<0.000200	<0.00100	<0.00100	-

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TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
U-3	02/17/00	0.0421	0.194	0.00023	0.0241	0.0171	0.0225	NA	ND	0.00102	ND	0.268
	05/26/00	0.040	0.171	ND	0.0149	0.0116	0.0182	NA	ND	0.00145	ND	0.139
	08/28/00	0.0365	0.124	ND	0.00704	0.00673	0.0212	NA	ND	0.00202	ND	0.103
	11/29/00	0.0428	0.170	ND	0.00994	0.00949	0.0167	NA	ND	0.00342	ND	0.107
dup	11/29/00	0.0413	0.172	ND	0.00996	0.00932	0.0149	NA	ND	0.00284	ND	0.0973
	02/23/01	0.119	0.631	ND	0.170	0.107	303	NA	ND	ND	ND	1.47
	05/17/01	0.0450	0.111	ND	0.00359	0.00439	0.00427	NA	ND	0.00170	ND	0.0258
U-4	05/26/00	0.0188	0.101	ND	0.00367	0.00749	0.00268	NA	ND	ND	ND	0.0149
	08/28/00	0.0198	0.0930	ND	ND	0.00214	0.00129	NA	ND	ND	ND	0.0150
dup	08/28/00	0.0189	0.0922	ND	ND	0.00299	0.00131	NA	ND	ND	ND	0.0157
	11/29/00	0.0198	0.0911	ND	ND	ND	ND	NA	ND	0.00194	ND	0.00895
	02/23/01	0.0216	0.0802	ND	ND	ND	ND	NA	ND	ND	ND	0.00587
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	09/26/02	0.0183	0.106	ND	0.00432	0.0105	0.00484	NA	ND	0.00180	ND	0.0377
dup	09/26/02	0.0183	0.106	ND	0.00403	0.00976	0.00379	NA	ND	0.00128	ND	0.0313
	09/27/06	0.0171	0.0816	<0.00100	<0.00100	0.00234	<0.00100	NA	<0.000200	<0.00200	<0.00100	0.00996
	03/21/07	0.0182	0.0944	<0.00100	0.000308	0.00863	0.00253	NA	<0.000200	<0.00100	<0.00100	0.0294
U-5	02/17/00	0.0127	0.164	0.00094	0.0175	0.0456	0.0189	NA	ND	0.00095	ND	0.933
	05/26/00	0.0104	0.0748	ND	0.00225	0.00912	0.0037	NA	ND	ND	ND	0.286
	08/28/00	0.0109	0.219	ND	0.00759	0.0216	0.0143	NA	ND	0.00165	ND	0.884
	11/29/00	0.0123	0.124	ND	0.00547	0.0216	0.00856	NA	ND	0.00216	ND	0.825
	02/23/01	0.0126	0.101	ND	0.00692	0.0345	0.0140	NA	ND	0.00100	ND	1.17
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NA	NS/F	NS/F	NS/F	NS/F
	03/18/03	0.0110	0.170	ND	0.0129	0.0663	0.0158	NA	ND	ND	0.00323	2.59
	09/25/03	0.0126	0.102	ND	0.00736	0.0201	0.00947	NA	ND	0.00118	ND	0.800
	03/31/04	0.00802	0.0852	<0.00100	0.00758	0.0230	0.0115	NA	<0.000200	<0.00100	<0.00100	0.785
	09/28/04	0.00987	0.103	<0.00100	0.00623	NA	0.0106	NA	0.000228	<0.00100	<0.00100	NA
	03/28/05	0.0123	0.131	<0.00100	0.0229	0.0645	0.0381	NA	<0.000200	<0.00100	<0.00100	1.98
	09/20/05	0.00704	0.107	<0.00100	0.00583	0.0188	0.0124	NA	<0.000200	<0.00200	<0.00100	0.720
	03/14/06	0.00816	0.132	<0.00100	0.0117	0.0307	0.0127	NA	<0.000200	<0.00200	<0.00100	0.669
	09/26/06[2]	0.00621	0.122	0.000532	0.00960	0.0310	0.0151	NA	0.0000182	<0.00320[3]	<0.0000960	1.07[3]
	03/20/07	0.0117	0.301	0.00145	0.0268	0.0548	0.0432	NA	0.0000248	<0.00160	<0.000800	2.13
U-10	03/18/03	0.107	3.39	ND	0.313	0.403	0.176	NA	0.000551	ND	ND	1.22
	09/25/03	0.00975	0.196	ND	0.0132	0.0149	0.00904	NA	ND	ND	ND	0.0493
	03/30/04	0.0316	0.128	<0.00100	0.00481	0.00573	0.0225	NA	<0.000200	<0.00100	<0.00100	0.0288
	09/28/04	0.00657	0.201	<0.00100	0.00966	NA	0.00852	NA	<0.000200	<0.00100	<0.00100	NA
	03/28/05	0.00643	0.127	<0.00100	0.00529	0.00600	0.00462	NA	<0.000200	<0.00100	<0.00100	0.0293
	09/20/05	0.00686	0.123	<0.00100	0.00120	0.00258	0.00205	NA	<0.000200	<0.00200	<0.00100	0.0106
	03/14/06	0.00918	0.140	<0.00100	0.00607	0.00933	0.00486	NA	<0.000200	<0.00200	<0.00100	0.0403

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TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
U-11	03/18/03	0.00942	0.372	ND	0.0297	0.0339	0.0336	NA	0.000211	0.00153	ND	0.110
	09/25/03	0.0343	0.0893	ND	0.00220	0.00287	0.00830	NA	ND	0.00101	ND	0.0124
	03/30/04	0.00679	0.363	<0.00100	0.0341	0.312	0.0212	NA	<0.000200	0.00165	<0.00100	0.103
dup	03/30/04	0.0357	0.108	<0.00100	0.00400	0.00594	0.0201	NA	<0.000200	<0.00100	<0.00100	0.0292
	09/28/04	0.0106	0.534	<0.00100	0.05610	NA	0.0684	NA	0.000472	0.00192	<0.00100	NA
	03/28/05	0.0388	0.106	<0.00100	0.00152	0.00218	0.00562	NA	<0.000200	<0.00100	<0.00100	0.0137
	09/20/05	0.0453	0.273	<0.00100	0.0242	0.0309	0.116	NA	0.000270	<0.00200	<0.00100	0.140
	03/14/06	0.0420	0.101	<0.00100	0.00137	0.0172	0.00669	NA	<0.000200	<0.00200	<0.00100	0.0120
U-12	03/18/03	0.0323	0.136	ND	0.00600	0.00711	0.0228	NA	ND	ND	ND	0.0338
	09/25/03	0.0418	1.91	ND	0.362	0.372	0.302	NA	0.000559	0.00480	ND	1.2
	03/30/04	0.00655	0.248	<0.00100	0.0179	0.0233	0.0220	NA	<0.000200	0.00185	<0.00100	0.0728
	09/28/04	0.0369	0.208	<0.00100	0.0102	NA	0.0499	NA	<0.000200	<0.00100	<0.00100	NA
	03/28/05	0.0172	1.01	0.00211	0.132	0.140	0.146	NA	<0.000200	0.00345	<0.00100	0.570
	09/20/05	0.00626	0.176	<0.00100	0.00798	0.00998	0.0125	NA	<0.000200	<0.00200	<0.00100	0.0417
	03/14/06	0.00453	0.216	<0.00100	0.00823	0.0105	0.00692	NA	<0.000200	<0.00200	<0.00100	0.0273
U-14	09/27/06	0.0674	1.97	0.00184	0.122	0.159	0.175	NA	0.000558	<0.00200	<0.00100	0.496
	03/21/07	0.00993	0.266	<0.00100	0.0141	0.0181	0.0250	NA	<0.000200	0.00152	<0.00100	0.0831
U-15	09/27/06	0.0899	0.777	0.00126	0.0903	0.109	0.179	NA	0.000221	<0.00200	<0.00100	0.292
	03/21/07	0.0751	0.416	<0.00100	0.0461	0.0581	0.08631	NA	<0.000200	0.00115	<0.00100	0.158
U-16	09/27/06	0.0854	0.866	0.00131	0.0847	0.113	0.111	NA	0.00170	<0.00200	<0.00100	0.239
	03/21/07	0.112	0.746	0.00153	0.0764	0.113	0.107	NA	0.00135	0.00174	<0.00100	0.260
U-17	09/27/06	0.0581	0.606	<0.00100	0.0694	0.0873	0.0552	NA	<0.000200	<0.00200	<0.00100	0.183
	03/21/07	0.0239	0.141	<0.00100	0.0123	0.0185	0.0252	NA	<0.000200	<0.00100	<0.00100	0.0454
U-18	03/21/07	0.0690	0.491	<0.00100	0.0539	0.0920	0.0642	NA	<0.000200	0.00112	<0.00100	0.213
U-19	03/21/07	0.0766	0.262	<0.00100	0.012	0.0224	0.0232	NA	0.000201	<0.00100	<0.00100	0.139
U-20	03/21/07	0.0500	0.352	<0.00100	0.0411	0.0456	0.0534	NA	<0.000200	0.00103	<0.00100	0.157
U-21	03/21/07	0.00828	0.280	<0.00100	0.0244	0.0306	0.0241	NA	<0.000200	<0.00100	<0.00100	0.0886
P-1	03/17/03	0.0225	1.27	ND	0.216	0.239	0.0946	NA	0.000604	ND	ND	0.625
	03/31/04	0.0527	4.37	<0.0100	0.642	0.848	0.244	NA	0.000816	<0.0100	<0.0100	1.73
	03/14/06	0.00334	0.141	0.00168	0.0205	0.0291	0.00779	NA	<0.000200	<0.00200	<0.00100	0.0646
	09/26/06	0.0140	1.21	0.00458	0.130	0.185	0.0418	NA	0.000300[4,5]	<0.00160	0.000732	0.358
	03/20/07	<0.000800	0.0208	<0.000752	0.00226	0.00311	<0.000800	NA	<0.00000500	<0.00160	<0.000800	0.00698
P-2	03/17/03	0.0111	0.0783	ND	0.00232	0.00722	0.00288	NA	ND	ND	0.00106	0.00979
	09/25/03[1]	0.00966	0.116	ND	0.00443	0.0116	0.00553	NA	ND	0.00109	ND	0.0137
	03/30/04	0.00805	0.131	<0.00100	0.00187	0.00447	0.00126	NA	<0.000200	<0.00100	<0.00100	0.0123
	09/28/04	0.0103	0.163	<0.00100	0.00570	NA	0.00742	NA	0.000214	0.00103	<0.00100	NA
	03/28/05	0.00951	0.141	<0.00100	0.00335	0.00900	0.00454	NA	<0.000200	<0.00100	<0.00100	0.0119
	09/20/05	0.00659	0.144	<0.00100	0.00567	0.0152	0.00728	NA	<0.000200	<0.00200	<0.00100	0.0131
	03/14/06	0.00540	0.0517	<0.00100	<0.00100	0.00266	<0.00100	NA	<0.000200	<0.00200	<0.00100	<0.00500

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TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Manganese (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)

NOTES:
ND - Not detected at laboratory reporting limits
NS/F = Not sampled floating product present
NS/S = Not sampled sheen present
2/00 and 5/00 data from IT Corporation
8/00, 11/00, 2/01 and 5/01 data from KHM Environmental Management, Inc.
Sample locations are shown on Figure 2
Analytical Reports are included in Attachment B
dup* = duplicate for B-30 submitted as blind duplicate labeled as B-50
dup**= duplicate for B-30 submitted as blind duplicate labeled as B-31
dup***= duplicate for B-30 submitted as blind duplicate labeled as B-130
[1] = Sample ID was misidentified by the laboratory as D-2
[2] = Sample ID was misidentified by the laboratory as U-2
[3] = The reporting limit for this analyte was raised due to matrix interference.
[4] = The sample container type or preservation does not meet method specifications using EPA Method 1631 modified. The sample was also analyzed for total mercury by EPA Method 7470A. Total mercury was not detected above the laboratory MRL of 0.000200 mg/l.
[5] = Estimated value
[6] = The laboratory control sample (LCS) and/or LCS Duplicate recovery was above the acceptance limits.
[7] = Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10 times the concentration found in the method blank.
Total Metals Analysis by EPA 6000/7000 Series Methods
Total mercury analysis by EPA 6000/7000 Series Methods or EPA Method 1631 Modified

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TABLE 5
GROUNDWATER SCREENING LEVEL COMPARISONS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	VOCs					PAHs																Metals								
		Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)	Acenaphthene (µg/l)	Acenaphthylene (µg/l)	Anthracene (µg/l)	Benzo (a) anthracene (µg/l)	Benzo (a) pyrene (µg/l)	Benzo (b) fluoranthene (µg/l)	Benzo (g,h,i) perylene (µg/l)	Benzo (k) fluoranthene (µg/l)	Chrysene (µg/l)	Dibenzo (a,h) anthracene (µg/l)	Fluoranthene (µg/l)	Fluorene (µg/l)	Indeno (1,2,3-cd) pyrene (µg/l)	Naphthalene (µg/l)	Phenanthrene (µg/l)	Pyrene (µg/l)	Arsenic (µg/l)	Cadmium (µg/l)	Chromium (µg/l)	Copper (µg/l)	Lead (µg/l)	Mercury (µg/l)	Selenium (µg/l)	Silver (µg/l)	Zinc (µg/l)
CHEVRON																															
B-10	09/26/06	0.970	3.17	0.770	4.09	<2.00	1.64	<0.388	0.527	**0.0463**	**0.0590**	**0.0717**	0.110	**0.0542**	**0.0928**	**0.0265**	0.469	4.89	**0.0768**	<1.17	3.66	0.635	**27.4**	0.08	2.27	<1.60	**1.65**	**<5.00**	**<10.0**	<0.0960	10.3
	03/21/07	0.770	1.79	<1.00	6.20	<1.00	1.18	<0.383[2]	<0.153[2]	**0.0376**	**0.0329**	0.0403	0.0420	**0.0329**	**0.0510**	0.0121	0.236	6.61	**0.0335**	<3.44[2]	2.83	0.416	**28.6**	0.08	3.39	**4.35**	**2.15**	0.00618	<1.60	<0.0960	14.2
dup	03/21/07	0.720	1.74	<1.00	5.52	<1.00	1.06	<0.291[2]	<0.194[2]	**0.058**	**0.0606**	**0.0578**	0.0643	**0.0677**	**0.0846**	**0.0216**	0.275	5.26	**0.0545**	<2.43[2]	1.80	0.440	**31.0**	**0.104**	4.50	**5.81**	**2.90**	0.00833	<1.60	<0.0960	16.9
CR-1	09/27/06	<0.200	<0.500	<0.500	<1.00	<2.00	0.978	<0.197	0.0747	<0.00985	<0.00985	**<0.0197**	<0.0493	**<0.0197**	<0.00985	<0.00985	<0.0493	3.19	<0.00985	<0.786	1.07	0.0513	**1.94**	**0.144**	<0.800	**2.77**	**0.44**	**<5.00**	<2.00	<0.0960	10.9
	03/22/07	<0.200	<1.00	<1.00	<2.00	<1.00	0.118	<0.0343[2]	<0.0490[2]	<0.00490	<0.00490	<0.00490	<0.00980	<0.00490	<0.0147[2]	<0.00490	<0.0245[2]	0.836	<0.00490	<0.275[2]	0.140	<0.0784[2]	**0.912**	<0.0752	<0.800[7]	**3.92**	<0.432[7]	<0.00500	<1.60	**<0.800[7]**	9.6
KINDER MORGAN																															
MW-33	09/27/06	<0.200	<0.500	<0.500	<1.00	<2.00	<0.00990	<0.00990	<0.00990	<0.00615	<0.00495	0.00540	<0.00990	0.00659	<0.00716	<0.00495	<0.00990	<0.00990	<0.00510	0.0468[3,4]	<0.00990	0.0189	**26.3**	<0.0752	<0.800	<1.60	<0.432	**7.24**	<1.60	<0.0960	24.4
	03/22/07	<0.200	<0.500	<0.500	<1.00	<2.00	<0.00976	<0.00976	<0.00976	<0.00488	<0.00488	<0.00488	<0.00976	<0.00488	<0.00488	<0.00488	<0.00976	<0.00976	<0.00488	0.0146	<0.00976	0.0193	**13.9**	**0.205**	<0.800	<1.60	<0.432	0.00767	<1.60	<0.0960	8.27
	03/22/07	<0.200	<0.500	<0.500	<1.00	<2.00	<0.00971	<0.00971	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00971	<0.00485	0.0145	<0.00971	0.0157	**37.3**	**0.952**	1.10	2.42	<0.432	<0.00500	<1.60	<0.0960	18.4
MW-34	09/27/06	<0.200	<0.500	<0.500	<1.00	<2.00	<0.00990	<0.00990	<0.00990	<0.00500	<0.00500	<0.00500	<0.00990	<0.00500	<0.00500	<0.00500	<0.00990	<0.00990	<0.00500	0.0468[3,4]	<0.00990	0.0189	**14.3**	**0.103**	0.899	**3.18**	**1.39**	<0.00500	<1.60	<0.0960	15.0
	03/22/07	<0.200	<0.500	<0.500	<1.00	<2.00	0.0215	<0.00985	<0.00985	<0.00493	<0.00493	<0.00493	<0.00985	<0.00493	<0.00493	<0.00493	<0.00985	<0.00985	<0.00493	<0.0591[2]	<0.00985	<0.00985	**25.2**	**0.176**	4.01	**9.22**	**5.01**	0.00877	<1.60	<0.0960	32.9
MW-36	09/27/06	<0.200	<0.500	<0.500	<1.00	<2.00	0.606	<0.0200[2]	<0.0200[2]	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500	<0.0100	<0.0200[2]	<0.00500	<0.400[2,5]	0.103	0.121	**17.6**	<0.0752	<0.800	1.70	<0.432	<0.00500	<1.60	<0.0960	4.50
dup	09/27/06	<0.200	<0.500	<0.500	<1.00	<2.00	0.528	<0.0199[2]	<0.0249[2]	0.00544	<0.00498	<0.00498	<0.00995	0.00498	0.00527	<0.00522	<0.00995	<0.0149[2]	<0.00559	<0.279[2,5]	0.104	0.109	**16.7**	<0.0752	<0.800	1.60	<0.432	<0.00500	<1.60	<0.0960	<4.00
	03/22/07	<0.200	<0.500	<0.500	<1.00	<2.00	0.289	<0.0146[2]	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00971	<0.00485	<0.320[2]	0.0513	0.0478	**8.6**	<0.0752	<0.800	2.64	**0.652**	0.00540	<1.60	<0.0960	6.28
MW-37	09/27/06	<0.200	<0.500	<0.500	<1.00	<2.00	0.653	<0.250[2]	<0.0400[2]	**0.0212**	**0.0486**	**0.0326**	0.0717	**0.0314**	**0.0296**	0.0120	0.0562	0.342	**0.0456**	<1.20[2,5]	0.135	0.123	**19.9**	<0.0752	<0.800	<1.60	<0.432	<0.00500	<1.60	<0.0960	<4.00
	03/22/07	<0.200	<0.500	<0.500	<1.00	<2.00	0.579	<0.194[2]	<0.0971[2]	**0.0183**	**0.0330**	**0.0190**	0.0389	**0.0230**	**0.0270**	0.00858	<0.0971[2]	0.820	**0.0315**	<2.14[2]	<0.0971[2]	0.133	**21.0**	**0.173**	<0.800	<1.60	**0.81**	<0.00500	<1.60	<0.0960	8.43
MW-40	09/26/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/22/07	<0.200	<0.500	<0.500	<1.00	<2.00	0.0655	<0.00971	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00485	<0.00485	<0.00485	<0.00971	<0.00971	<0.00485	<0.126[2]	0.0259	0.0114	**19.1**	<0.0752	<0.800	**2.05**	**0.886**	0.00558	<1.60	<0.0960	7.51
CONOCOPHILLIPS																															
B-40	09/26/06[1]	21.5	2.94	89.4	225	<4.00	8.45	<1.75[2]	1.39	**0.189**	**0.0804**	**<0.100[2]**	<0.500	**<0.100[2]**	**0.337**	**<0.0500**	<0.500	9.06	**<0.0500**	<213[6]	13.8	1.42	**18.4**	<0.0752	<0.800	**3.67**	<0.432	<0.00500	<1.60	<0.0960	16.6
	03/20/07	15.2	2.74	86	213	<4.00	26.0	<9.95	<9.95	**2.01**	**0.749**	**<0.498**	<4.98	**<0.498**	**3.86**	**0.298**	<4.98	40.5	**0.167**	389	87.0	16.6	**21.4**	**<0.752**	1.85	**7.12**	**2.01**	<0.00500	<1.60	<0.800	67.0
P-1	09/26/06	<0.200	<0.500	<0.500	<1.00	<2.00	0.0137	<0.0102	<0.0102	<0.00508	<0.00508	<0.00508	<0.0102	<0.00508	0.00513	<0.00508	<0.0102	0.0225	<0.00508	<0.0457[2,6]	0.0468	0.0195	**14.0**	**4.58**	130	**185**	**41.8**	**<0.300**	<1.60	**0.732**	358
	03/20/07	<0.200	<0.500	<0.500	<1.00	<2.00	<0.00976	<0.00976	<0.00976	<0.00488	<0.00488	<0.00488	<0.00976	<0.00488	<0.00488	<0.00488	<0.00976	<0.00976	<0.00488	<0.0341	0.0139	0.0134	**<0.800**	**<0.752**	2.26	**3.11**	**<0.800**	<0.00500	<1.60	**<0.800**	6.98
U-6	09/26/06[1]	<0.200	<0.500	<0.500	<1.00	<2.00	204	<72.8[2]	108	**9.40**	**5.79**	**<6.07[2]**	26.3	**<7.28[2]**	**23.3**	**3.69**	27.6	374	**2.33**	<121[2,5]	998	119	**6.21**	**0.532**	9.60	**31.0**	**16.1**	**<0.0182**	3.20	<0.0960	**1,070**
	03/20/07	<0.200	<0.500	<0.500	<1.00	<2.00	4.58	<1.17	<2.14	**0.189**	**0.0981**	**<0.0971**	0.420	**<0.0971**	**0.403**	**0.0677**	<0.388	12.5	**0.0469**	<5.44	11.6	2.56	**11.7**	**1.45**	26.8	**5.48**	**43.2**	**0.0248**	<1.60	**<0.800**	**2,130**
Portland Harbor Joint Source Control Screening Level Values																															
EPA's 2004 NRWQC (organism only)		51	15,000	2,100	N/A	N/A	990	N/A	40,000	0.018	0.018	0.018	N/A	0.018	0.018	0.018	140	5,300	0.018	N/A	N/A	4,000	0.14	N/A	N/A	N/A	N/A	N/A	4,200	N/A	26,000
DEQ's 2004 AWQC (organism only)		51		2,100	N/A	N/A	990	N/A	40,000	0.018	0.018	0.018	N/A	0.018	0.018	0.018	140	5,300	0.018	N/A	N/A	4,000	0.14	N/A	N/A	N/A	N/A	0.146	4,200	N/A	26,000
EPA's 2004 NRWQC ecological receptors (chronic)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	150	0.094	N/A	2.7	0.54	0.77	5	N/A	36
DEQ's 2004 AWQC ecological receptors (chronic)		N/A	N/A	N/A	N/A	N/A	520	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	620	N/A	N/A	N/A	0.38	N/A	3.6	0.54	0.012	35	0.12	33

NOTES:
µg/l = micrograms per Liter
<0.00985 = Analyte not detected above the laboratory method reporting limit (MRL) of 0.00985 µg/L
Screening Level Values (SLVs) taken from Table 3-1 of the Portland Harbor Joint Source Control Strategy (JSCS) guidance document, dated December 2005.
NRWQC = National Recommended Water Quality Criteria
AWQC = Ambient Water Quality Criteria
Bold face font indicates analyte was detected above the applicable screening levels presented in Table 3-1 of the Portland Harbor JSCS guidance document, dated December 2005.
NS = Not sampled
N/A = Not applicable
ND = Not detected
VOCs = Volatile Organic Compounds
PAHs = Polynuclear Aromatic Compounds
[1] = The reporting limit was raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
[2] = The reporting limit for this analyte was raised due to matrix interference or sample matrix effects.
[3] = Analyte was detected in the associated method blank.
[4] = Naphthalene was detected in the Method Blank at 0.0165 µg/L. Sample has a detection for naphthalene at 0.0468 µg/L. The result has been qualified and should be considered an estimate. The lab was unable to perform corrective action due to insufficient volume remaining.
[5] = Analyte was detected in the associated blank at greater than one-half the MRL, but samples are ND.
[6] = Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10 times the concentration found in the method blank.
[7] = The laboratory control sample (LCS) and/or LCS Duplicate recovery was above the acceptance limits.

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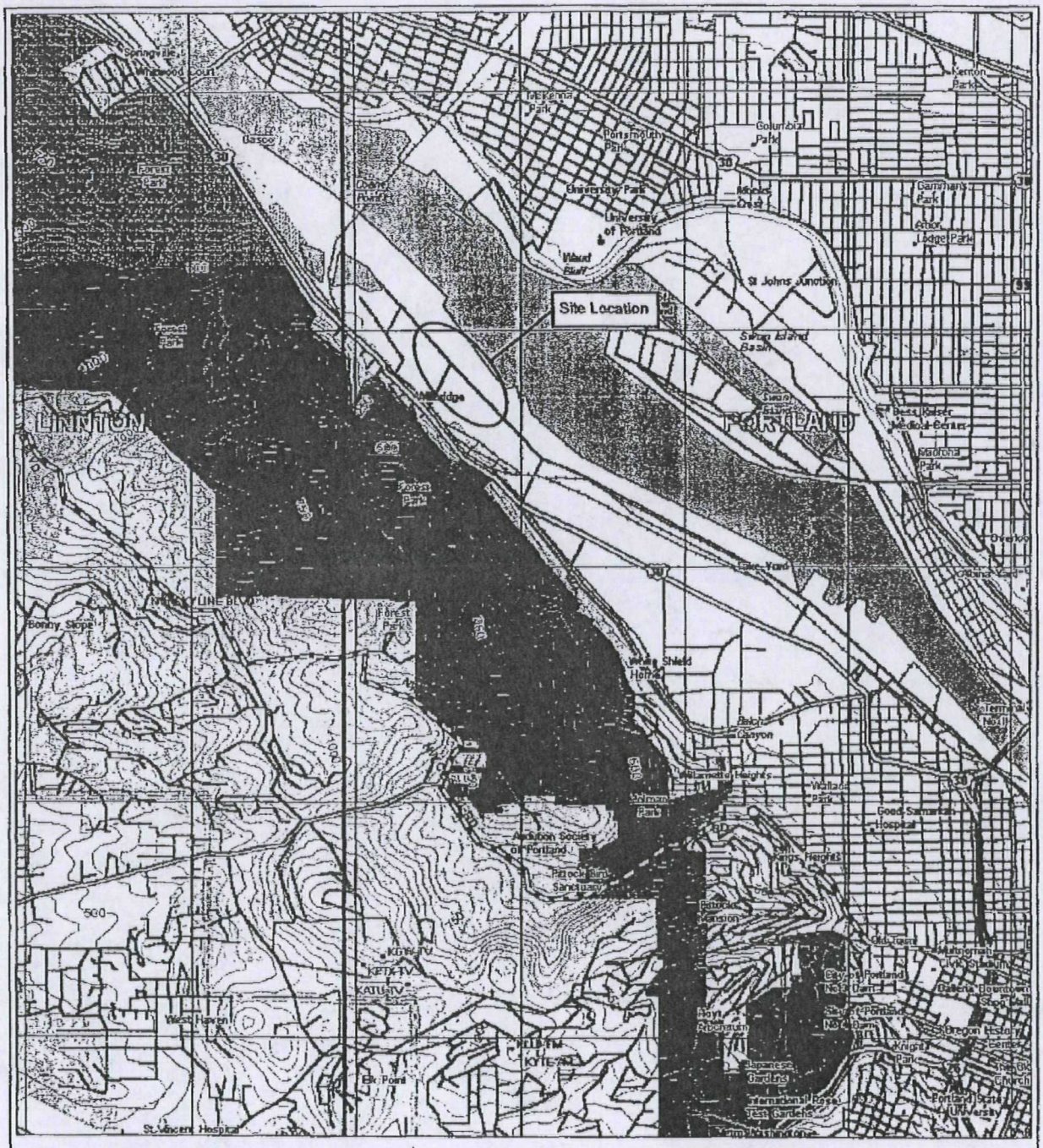

REFERENCES

USGS 7.5 Minute Topographic Maps
Portland, Oregon-Washington
Linnton, Oregon
DeLorme TopoQuads, 1999
SCALE: 1 inch = 3750 feet

North

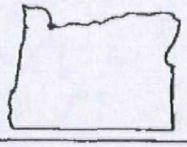

FIGURE 1

SITE LOCATION MAP

Willbridge Petroleum Terminals
Portland, Oregon

PROJECT NO. ORZ0922GW-6	DRAWN BY KNT 6-12-03
FILE NO.	PREPARED BY CRF 5/1/07
REVISION NO.	REVIEWED BY

DELTA

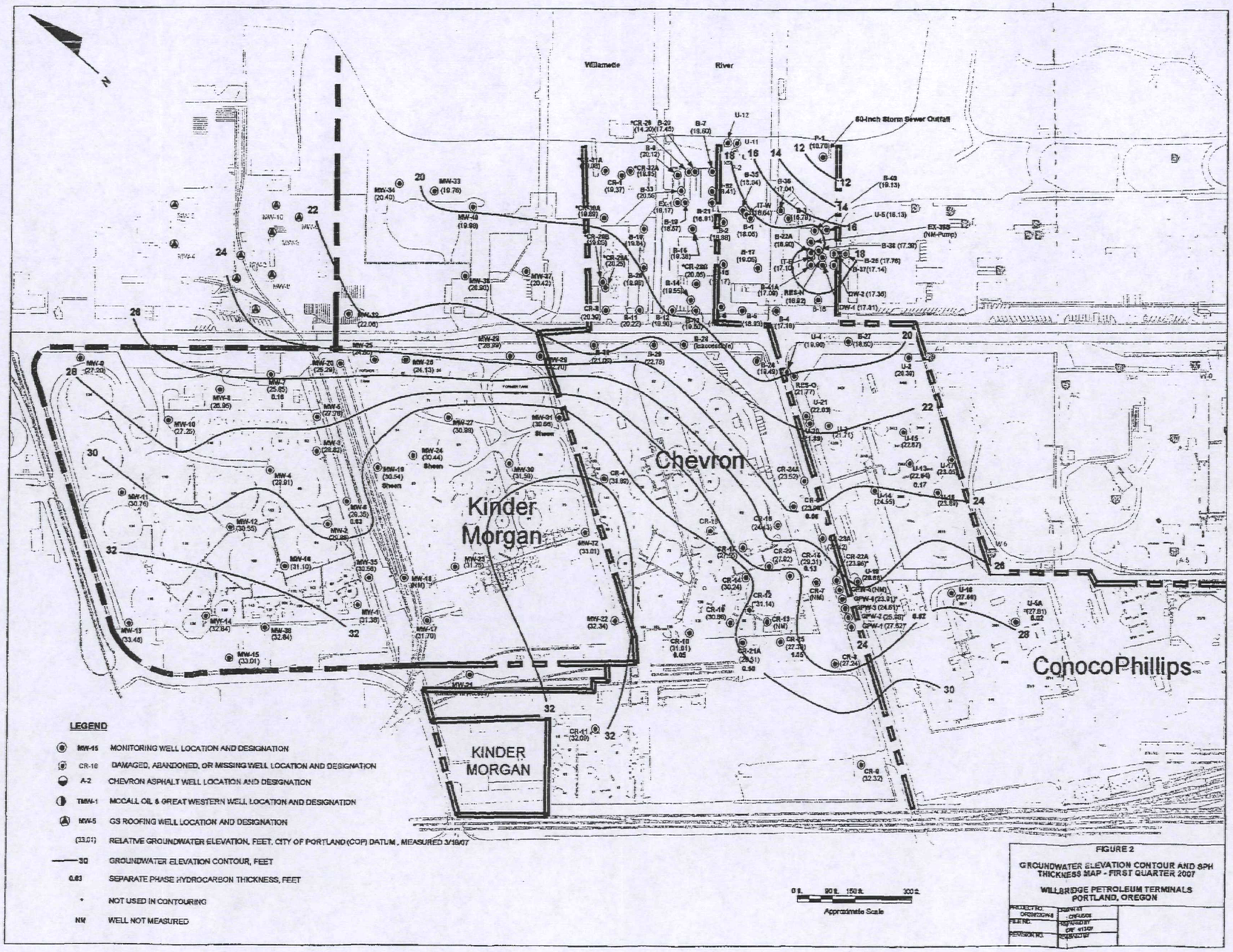

FIGURE 2

GROUNDWATER ELEVATION CONTOUR AND SPH THICKNESS MAP - FIRST QUARTER 2007

WILLBRIDGE PETROLEUM TERMINALS
PORTLAND, OREGON

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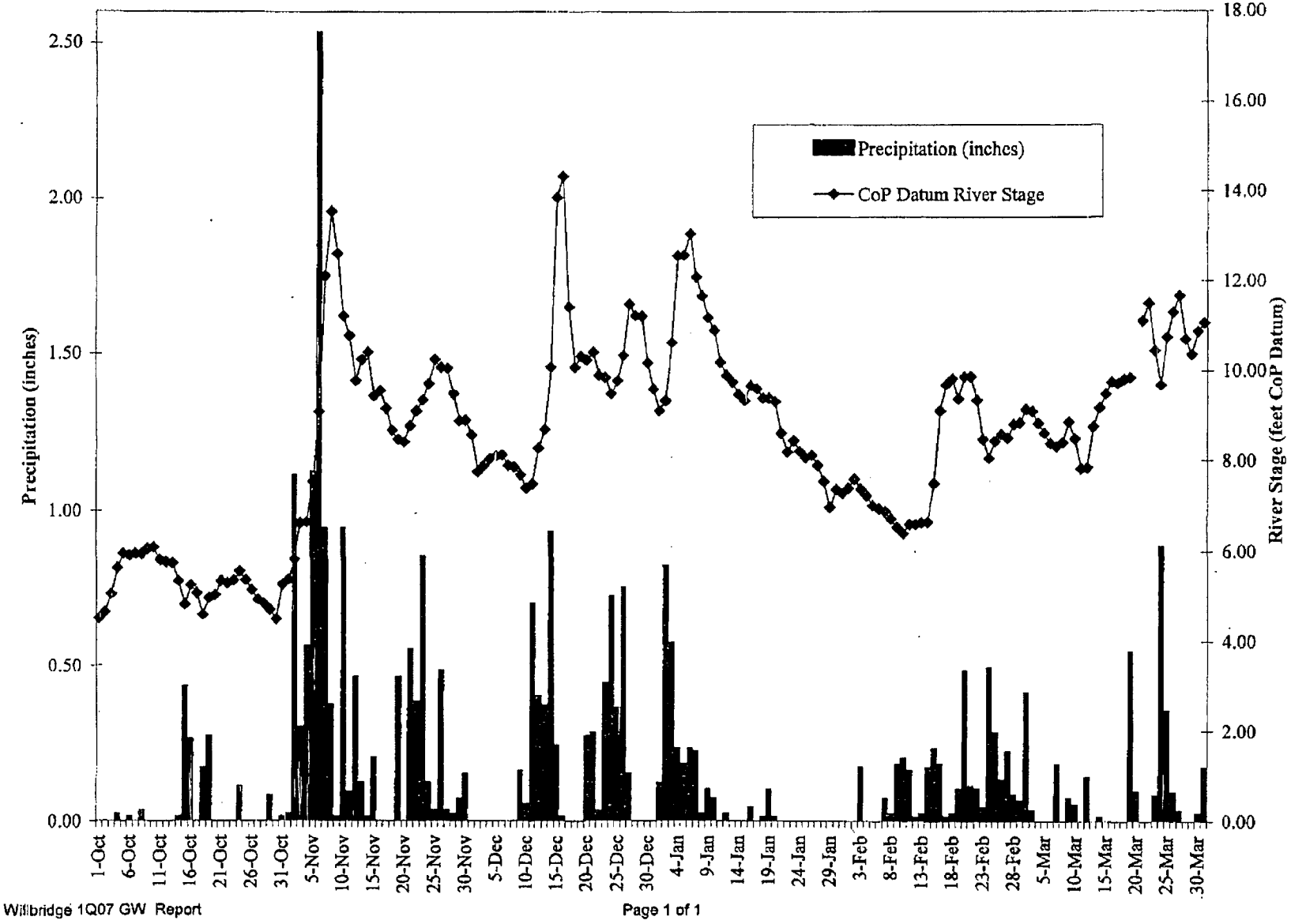
FIGURE 3
PRECIPITATION AND RIVER STAGE
October 2006 - March 2007
Willbridge Petroleum Terminals
Portland, Oregon



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APPENDIX A

GROUNDWATER MONITORING AND SAMPLING PROCEDURES, CERTIFIED ANALYTICAL LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Groundwater Monitoring and Sampling

Before the sampling event, Delta measured depth to water in each groundwater monitoring well at the facility with a Solinst Electronic Oil/Water Interface Probe. This information was recorded on waterproof field sheets. Groundwater elevations (GWE) were measured to an accuracy of 0.01 feet. Wells were sampled after purging three casing volumes of water from the well (or until dry). Wells with observable amounts of SPH were not sampled. After the well had recharged to approximately 80% of static level, samples were collected using a disposable polyethylene bailer and placed in the appropriate laboratory-provided containers. Samples were labeled, placed into ice filled coolers, logged onto chain-of-custody forms and transported to the laboratory.

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

April 12, 2007

Grant V. Sprick
ARCADIS U.S., Inc
111 SW Columbia Street - Suite 725
Portland, OR 97201

RE: Willbridge / Chevron #100-1868

Enclosed are the results of analyses for samples received by the laboratory on 03/22/07 17:45. The following list is a summary of the Work Orders contained in this report, generated on 04/12/07 17:00.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PQC0923	Willbridge / Chevron #100-18	100-1868

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-9	PQC0923-01	Water	03/22/07 10:20	03/22/07 17:45
B-29	PQC0923-02	Water	03/22/07 14:44	03/22/07 17:45
B-30	PQC0923-03	Water	03/22/07 14:45	03/22/07 17:45
CR-1	PQC0923-04	Water	03/22/07 10:25	03/22/07 17:45
Trip Blank	PQC0923-05	Water	03/22/07 00:00	03/22/07 17:45

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Total Metals per EPA 6000/7000 Series Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-01 (B-9)		**Water**				**Sampled: 03/22/07 10:20**				
Arsenic	EPA 6020	**0.0198**	----	0.0000360	mg/l	1x	7030991	03/26/07 10:22	03/28/07 12:11	
Cadmium	"	**0.000352**	----	0.0000752	"	"	"	"	"	
Selenium	"	ND	----	0.00160	"	"	"	"	03/29/07 15:14	
Silver	"	ND	----	0.000800	"	"	"	"	03/28/07 12:11	L1
Zinc	"	**0.0711**	----	0.00400	"	"	"	"	"	B1
PQC0923-01RE1 (B-9)		**Water**				**Sampled: 03/22/07 10:20**				
Barium	EPA 6020	**0.0724**	----	0.000800	mg/l	1x	7031161	03/29/07 11:29	03/31/07 19:21	
Chromium	"	**0.00575**	----	0.000800	"	"	"	"	"	
Copper	"	**0.0165**	----	0.00160	"	"	"	"	"	
Lead	"	**0.0268**	----	0.000432	"	"	"	"	"	
Manganese	"	**2.43**	----	0.0160	"	10x	"	"	04/03/07 08:52	RL7
PQC0923-02 (B-29)		**Water**				**Sampled: 03/22/07 14:44**				
Arsenic	EPA 6020	**0.00155**	----	0.0000360	mg/l	1x	7030991	03/26/07 10:22	03/28/07 12:18	
Cadmium	"	**0.00346**	----	0.0000752	"	"	"	"	"	
Selenium	"	ND	----	0.00160	"	"	"	"	03/28/07 21:42	
Silver	"	ND	----	0.000800	"	"	"	"	03/28/07 12:18	L1
Zinc	"	**0.0367**	----	0.00400	"	"	"	"	"	B1
PQC0923-02RE1 (B-29)		**Water**				**Sampled: 03/22/07 14:44**				
Barium	EPA 6020	**0.156**	----	0.000800	mg/l	1x	7031161	03/29/07 11:29	03/31/07 19:28	
Chromium	"	**0.0110**	----	0.000800	"	"	"	"	"	
Copper	"	**0.0882**	----	0.00160	"	"	"	"	"	
Lead	"	**0.0122**	----	0.000432	"	"	"	"	"	
Manganese	"	**3.47**	----	0.0160	"	10x	"	"	04/03/07 09:00	RL7
PQC0923-03 (B-30)		**Water**				**Sampled: 03/22/07 14:45**				
Arsenic	EPA 6020	**0.0136**	----	0.0000360	mg/l	1x	7030991	03/26/07 10:22	03/28/07 12:26	
Cadmium	"	**0.000800**	----	0.0000752	"	"	"	"	"	
Selenium	"	ND	----	0.00160	"	"	"	"	03/28/07 21:50	
Silver	"	ND	----	0.000800	"	"	"	"	03/28/07 12:26	L1

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ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Total Metals per EPA 6000/7000 Series Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-03RE1 (B-30)		**Water**			**Sampled: 03/22/07 14:45**					
Barium	EPA 6020	0.0725	—	0.000800	mg/l	1x	7031161	03/29/07 11:29	03/31/07 19:36	
Lead	"	0.00308	—	0.000432	"	"	"	"	"	
Manganese	"	2.10	—	0.0160	"	10x	"	"	04/03/07 09:08	RL7
Zinc	"	0.0146	—	0.00400	"	1x	"	"	03/31/07 19:36	
PQC0923-03RE2 (B-30)		**Water**			**Sampled: 03/22/07 14:45**					
Chromium	EPA 6020	0.00283	—	0.00100	mg/l	1x	7031161	03/29/07 11:29	03/31/07 19:36	
Copper	"	0.00719	—	0.00200	"	"	"	"	"	
PQC0923-04 (CR-1)		**Water**			**Sampled: 03/22/07 10:25**					
Arsenic	EPA 6020	0.000912	—	0.0000360	mg/l	1x	7030991	03/26/07 10:22	03/28/07 12:48	
Cadmium	"	ND	—	0.0000752	"	"	"	"	"	
Chromium	"	ND	—	0.000800	"	"	"	"	03/29/07 06:18	L1
Lead	"	ND	—	0.000432	"	"	"	"	03/28/07 12:48	L1
Selenium	"	ND	—	0.00160	"	"	"	"	03/28/07 22:12	
Silver	"	ND	—	0.000800	"	"	"	"	03/28/07 12:48	L1
PQC0923-04RE1 (CR-1)		**Water**			**Sampled: 03/22/07 10:25**					
Barium	EPA 6020	0.0122	—	0.000800	mg/l	1x	7031161	03/29/07 11:29	03/31/07 19:39	
Copper	"	0.00392	—	0.00160	"	"	"	"	"	
Manganese	"	0.185	—	0.00160	"	"	"	"	"	
Zinc	"	0.00958	—	0.00400	"	"	"	"	"	

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111 SW Columbia Street - Suite 725	Project Number: 100-1868	Report Created:
Portland, OR 97201	Project Manager: Grant V. Sprick	04/12/07 17:00

Mercury by EPA Method 1631E

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-01 (B-9)		**Water**			**Sampled: 03/22/07 10:20**					
Mercury	EPA 1631E	0.00989	—	0.00500	ug/l	1x	7040122	04/03/07 15:31	04/04/07 14:52	
PQC0923-02 (B-29)		**Water**			**Sampled: 03/22/07 14:44**					
Mercury	EPA 1631E	ND	—	0.00500	ug/l	1x	7040122	04/03/07 15:31	04/04/07 14:54	
PQC0923-03 (B-30)		**Water**			**Sampled: 03/22/07 14:45**					
Mercury	EPA 1631E	0.0235	—	0.00500	ug/l	1x	7040122	04/03/07 15:31	04/04/07 14:57	
PQC0923-04 (CR-1)		**Water**			**Sampled: 03/22/07 10:25**					
Mercury	EPA 1631E	ND	—	0.00500	ug/l	1x	7040122	04/03/07 15:31	04/04/07 15:00	

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Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-01 (B-9)		**Water**			**Sampled: 03/22/07 10:20**					
Acetone	EPA 8260B	ND	—	25.0	ug/l	1x	7031023	03/27/07 09:39	03/27/07 14:01	
Benzene	"	ND	—	0.200	"	"	"	"	"	
Bromobenzene	"	ND	—	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	—	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	—	1.00	"	"	"	"	"	
Bromoform	"	ND	—	1.00	"	"	"	"	"	
Bromomethane	"	ND	—	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	—	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	—	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	—	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	—	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	—	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	—	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	—	1.00	"	"	"	"	"	
Chloroethane	"	ND	—	1.00	"	"	"	"	"	
Chloroform	"	ND	—	0.200	"	"	"	"	"	
Chloromethane	"	ND	—	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	—	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	—	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	—	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	—	1.00	"	"	"	"	"	
Dibromomethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	—	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	—	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	—	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	—	4.00	"	"	"	"	"	
2-Hexanone	"	ND	—	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	—	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	—	2.00	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.5200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-01 (B-9)		**Water**			**Sampled: 03/22/07 10:20**					
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7031023	03/27/07 09:39	03/27/07 14:01	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*97.5%*		*80 - 120 %*	"			"	
	1,2-DCA-d4		*100%*		*80 - 120 %*	"			"	
	Dibromofluoromethane		*96.5%*		*80 - 120 %*	"			"	
	Toluene-d8		*99.0%*		*80 - 120 %*	"			"	
PQC0923-02 (B-29)		**Water**			**Sampled: 03/22/07 14:44**					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7031023	03/27/07 09:39	03/27/07 14:28	
Benzene	"	ND	----	0.200	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-02 (B-29)		**Water**			**Sampled: 03/22/07 14:44**					
Chloroethane	EPA 8260B	ND	——	1.00	ug/l	1x	7031023	03/27/07 09:39	03/27/07 14:28	
Chloroform	"	ND	——	0.200	"	"	"	"	"	
Chloromethane	"	ND	——	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	——	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	——	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	——	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	——	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	——	1.00	"	"	"	"	"	
Dibromomethane	"	ND	——	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	——	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	——	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	——	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	——	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	——	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	——	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	——	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	——	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	——	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	——	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	——	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	——	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	——	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	——	4.00	"	"	"	"	"	
2-Hexanone	"	ND	——	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	——	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	——	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	——	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	——	1.00	"	"	"	"	"	
Methylene chloride	"	ND	——	5.00	"	"	"	"	"	
Naphthalene	"	ND	——	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	——	1.00	"	"	"	"	"	
Styrene	"	ND	——	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	——	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	——	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	——	1.00	"	"	"	"	"	
Toluene	"	ND	——	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	——	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	——	1.00	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	Willbridge / Chevron #100-1868
111 SW Columbia Street - Suite 725	Project Number:	100-1868
Portland, OR 97201	Project Manager:	Grant V. Sprick
		Report Created: 04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-02 (B-29)		**Water**			**Sampled: 03/22/07 14:44**					
Trichloroethene	EPA 8260B	ND	—	1.00	ug/l	1x	7031023	03/27/07 09:39	03/27/07 14:28	
Trichlorofluoromethane	"	ND	—	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	—	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	—	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	—	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	—	1.00	"	"	"	"	"	
o-Xylene	"	ND	—	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*97.0%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*101%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*99.0%*		*80 - 120 %*	"				"	
Toluene-d8		*102%*		*80 - 120 %*	"				"	
PQC0923-03 (B-30)		**Water**			**Sampled: 03/22/07 14:45**					
Acetone	EPA 8260B	ND	—	25.0	ug/l	1x	7031023	03/27/07 09:39	03/27/07 13:33	
Benzene	"	28.5	—	0.200	"	"	"	"	"	
Bromobenzene	"	ND	—	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	—	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	—	1.00	"	"	"	"	"	
Bromoform	"	ND	—	1.00	"	"	"	"	"	
Bromomethane	"	ND	—	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	—	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	—	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	—	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	—	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	—	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	—	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	—	1.00	"	"	"	"	"	
Chloroethane	"	ND	—	1.00	"	"	"	"	"	
Chloroform	"	ND	—	0.200	"	"	"	"	"	
Chloromethane	"	ND	—	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	—	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	—	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	—	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	—	1.00	"	"	"	"	"	
Dibromomethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	—	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	—	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-03 (B-30)		**Water**			**Sampled: 03/22/07 14:45**					
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7031023	03/27/07 09:39	03/27/07 13:33	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	**1.09**	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*97.0%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*98.5%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*98.0%*			*80 - 120 %*	"			"	
Toluene-d8		*100%*			*80 - 120 %*	"			"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-04 (CR-1)		**Water**				**Sampled: 03/22/07 10:25**				
Acetone	EPA 8260B	ND	—	25.0	ug/l	1x	7031023	03/27/07 09:39	03/27/07 14:56	
Benzene	"	ND	—	0.200	"	"	"	"	"	
Bromobenzene	"	ND	—	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	—	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	—	1.00	"	"	"	"	"	
Bromoform	"	ND	—	1.00	"	"	"	"	"	
Bromomethane	"	ND	—	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	—	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	—	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	—	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	—	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	—	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	—	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	—	1.00	"	"	"	"	"	
Chloroethane	"	ND	—	1.00	"	"	"	"	"	
Chloroform	"	ND	—	0.200	"	"	"	"	"	
Chloromethane	"	ND	—	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	—	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	—	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	—	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	—	1.00	"	"	"	"	"	
Dibromomethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	—	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	—	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	—	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	—	4.00	"	"	"	"	"	
2-Hexanone	"	ND	—	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	—	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	—	2.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-04 (CR-1)		**Water**			**Sampled: 03/22/07 10:25**					
4-Methyl-2-pentanone	EPA 8260B	ND	---	5.00	ug/l	1x	7031023	03/27/07 09:39	03/27/07 14:56	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	"	"	"	
Methylene chloride	"	ND	---	5.00	"	"	"	"	"	
Naphthalene	"	ND	---	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	---	1.00	"	"	"	"	"	
Styrene	"	ND	---	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	---	1.00	"	"	"	"	"	
Toluene	"	ND	---	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	"	"	"	
Trichloroethene	"	ND	---	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	---	1.00	"	"	"	"	"	
o-Xylene	"	ND	---	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	---	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*95.5%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*97.5%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*97.5%*		*80 - 120 %*	"				"	
Toluene-d8		*101%*		*80 - 120 %*	"				"	
PQC0923-05 (Trip Blank)		**Water**			**Sampled: 03/22/07 00:00**					
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	7031023	03/27/07 09:39	03/27/07 13:06	
Benzene	"	ND	---	0.200	"	"	"	"	"	
Bromobenzene	"	ND	---	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	---	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	---	1.00	"	"	"	"	"	
Bromoform	"	ND	---	1.00	"	"	"	"	"	
Bromomethane	"	ND	---	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	---	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	---	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	---	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-05 (Trip Blank)		**Water**			**Sampled: 03/22/07 00:00**					
Chloroethane	EPA 8260B	ND	—	1.00	ug/l	1x	7031023	03/27/07 09:39	03/27/07 13:06	
Chloroform	"	ND	—	0.200	"	"	"	"	"	
Chloromethane	"	ND	—	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	—	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	—	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	—	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	—	1.00	"	"	"	"	"	
Dibromomethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	—	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	—	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	—	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	—	4.00	"	"	"	"	"	
2-Hexanone	"	ND	—	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	—	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	—	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	—	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	1.00	"	"	"	"	"	
Methylene chloride	"	ND	—	5.00	"	"	"	"	"	
Naphthalene	"	ND	—	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	—	1.00	"	"	"	"	"	
Styrene	"	ND	—	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	—	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	—	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	—	1.00	"	"	"	"	"	
Toluene	"	ND	—	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	—	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	—	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-05 (Trip Blank)		**Water**			**Sampled: 03/22/07 00:00**					
Trichloroethene	EPA 8260B	ND	—	1.00	ug/l	1x	7031023	03/27/07 09:39	03/27/07 13:06	
Trichlorofluoromethane	"	ND	—	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	—	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	—	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	—	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	—	1.00	"	"	"	"	"	
o-Xylene	"	ND	—	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*96.0%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*97.0%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*98.0%*		*80 - 120 %*	"			"	
Toluene-d8			*102%*		*80 - 120 %*	"			"	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**
111 SW Columbia Street - Suite 725	Project Number:	100-1868
Portland, OR 97201	Project Manager:	Grant V. Sprick
		Report Created: 04/12/07 17:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-01 (B-9)		**Water**			**Sampled: 03/22/07 10:20**					**RL3**
Acenaphthene	EPA 8270m	**0.489**	—	0.0976	ug/l	10x	7031022	03/27/07 12:25	04/05/07 02:34	
Benzo (a) anthracene	"	**0.171**	—	0.0488	"	"	"	"	04/09/07 17:06	
Acenaphthylene	"	ND	—	0.146	"	"	"	"	04/05/07 02:34	RL1
Benzo (a) pyrene	"	0.225	—	0.0488	"	"	"	"	04/09/07 17:06	
Anthracene	"	ND	—	0.0976	"	"	"	"	04/05/07 02:34	
Benzo (b) fluoranthene	"	**0.328**	—	0.0488	"	"	"	"	04/09/07 17:06	
Benzo (k) fluoranthene	"	**0.343**	—	0.0488	"	"	"	"	"	
Chrysene	"	**0.389**	—	0.0488	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	**0.0970**	—	0.0488	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.357**	—	0.0976	"	"	"	"	04/05/07 02:34	
Indeno (1,2,3-cd) pyrene	"	**0.288**	—	0.0488	"	"	"	"	04/09/07 17:06	
Fluoranthene	"	**0.519**	—	0.0976	"	"	"	"	04/05/07 02:34	
Fluorene	"	**1.95**	—	0.0976	"	"	"	"	"	
Naphthalene	"	ND	—	0.829	"	"	"	"	"	RL1
Phenanthrene	"	**0.531**	—	0.0976	"	"	"	"	"	
Pyrene	"	**0.610**	—	0.0976	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*57.4%*		*10 - 125 %*	"			*04/09/07 17:06*	
Fluorene-d10			*84.4%*		*25 - 125 %*	"			*04/05/07 02:34*	
Pyrene-d10			*91.5%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*61.3%*		*10 - 125 %*	"			"	
PQC0923-02 (B-29)		**Water**			**Sampled: 03/22/07 14:44**					
Acenaphthene	EPA 8270m	ND	—	0.00990	ug/l	1x	7031022	03/27/07 12:25	04/04/07 04:31	
Benzo (a) anthracene	"	ND	—	0.00495	"	"	"	"	04/09/07 17:37	
Acenaphthylene	"	ND	—	0.00990	"	"	"	"	04/04/07 04:31	
Benzo (a) pyrene	"	ND	—	0.00495	"	"	"	"	04/09/07 17:37	
Anthracene	"	ND	—	0.00990	"	"	"	"	04/04/07 04:31	
Benzo (b) fluoranthene	"	**0.00524**	—	0.00495	"	"	"	"	04/09/07 17:37	
Benzo (k) fluoranthene	"	ND	—	0.00495	"	"	"	"	"	
Chrysene	"	**0.00663**	—	0.00495	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.00495	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.00990	"	"	"	"	04/04/07 04:31	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.00495	"	"	"	"	04/09/07 17:37	
Fluoranthene	"	ND	—	0.0198	"	"	"	"	04/04/07 04:31	RL1
Fluorene	"	ND	—	0.0792	"	"	"	"	"	RL1
Naphthalene	"	ND	—	0.0198	"	"	"	"	"	RL1
Phenanthrene	"	**0.126**	—	0.00990	"	"	"	"	"	
Pyrene	"	**0.0201**	—	0.00990	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*69.8%*		*10 - 125 %*	"			*04/09/07 17:37*	
Fluorene-d10			*106%*		*25 - 125 %*	"			*04/04/07 04:31*	

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name: **Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number: 100-1868	Report Created:
Portland, OR 97201	Project Manager: Grant V. Sprick	04/12/07 17:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-02 (B-29)		**Water**			**Sampled: 03/22/07 14:44**					
Pyrene-d10		*127%*			*23 - 150 %*	*1x*			*04/04/07 04:31*	
Benzo (a) pyrene-d12		*74.4%*			*10 - 125 %*	"			"	
PQC0923-03 (B-30)		**Water**			**Sampled: 03/22/07 14:45**					
Acenaphthene	EPA 8270m	0.0691	----	0.00980	ug/l	1x	7031022	03/27/07 12:25	04/04/07 05:34	
Benzo (a) anthracene	"	0.0230	----	0.00490	"	"	"	"	04/09/07 18:08	
Acenaphthylene	"	ND	----	0.0392	"	"	"	"	04/04/07 05:34	RL1
Benzo (a) pyrene	"	0.0222	----	0.00490	"	"	"	"	04/09/07 18:08	
Anthracene	"	ND	----	0.00980	"	"	"	"	04/04/07 05:34	
Benzo (b) fluoranthene	"	0.0173	----	0.00490	"	"	"	"	04/09/07 18:08	
Benzo (k) fluoranthene	"	0.0193	----	0.00490	"	"	"	"	"	
Chrysene	"	0.0291	----	0.00490	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	0.00518	----	0.00490	"	"	"	"	"	
Benzo (ghi) perylene	"	0.0167	----	0.00980	"	"	"	"	04/04/07 05:34	
Indeno (1,2,3-cd) pyrene	"	0.0134	----	0.00490	"	"	"	"	04/09/07 18:08	
Fluoranthene	"	0.0242	----	0.00980	"	"	"	"	04/04/07 05:34	
Fluorene	"	0.200	----	0.00980	"	"	"	"	"	
Naphthalene	"	ND	----	0.245	"	"	"	"	"	RL1
Phenanthrene	"	0.201	----	0.00980	"	"	"	"	"	
Pyrene	"	0.114	----	0.00980	"	"	"	"	"	
*Surrogate(s): *Benzo (a) pyrene-d12*		*58.1%*			*10 - 125 %*	"			*04/09/07 18:08*	
Fluorene-d10		*75.9%*			*25 - 125 %*	"			*04/04/07 05:34*	
Pyrene-d10		*98.4%*			*23 - 150 %*	"			"	
Benzo (a) pyrene-d12		*61.4%*			*10 - 125 %*	"			"	
PQC0923-04 (CR-1)		**Water**			**Sampled: 03/22/07 10:25**					
Acenaphthene	EPA 8270m	0.118	----	0.00980	ug/l	1x	7031022	03/27/07 12:25	04/04/07 05:03	
Benzo (a) anthracene	"	ND	----	0.00490	"	"	"	"	04/09/07 18:39	
Acenaphthylene	"	ND	----	0.0343	"	"	"	"	04/04/07 05:03	RL1
Benzo (a) pyrene	"	ND	----	0.00490	"	"	"	"	04/09/07 18:39	
Anthracene	"	ND	----	0.0490	"	"	"	"	04/04/07 05:03	RL1
Benzo (b) fluoranthene	"	ND	----	0.00490	"	"	"	"	04/09/07 18:39	
Benzo (k) fluoranthene	"	ND	----	0.00490	"	"	"	"	"	
Chrysene	"	ND	----	0.0147	"	"	"	"	"	RL1
Dibenzo (a,h) anthracene	"	ND	----	0.00490	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.00980	"	"	"	"	04/04/07 05:03	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.00490	"	"	"	"	04/09/07 18:39	
Fluoranthene	"	ND	----	0.0245	"	"	"	"	04/04/07 05:03	RL1
Fluorene	"	0.838	----	0.00980	"	"	"	"	"	
Naphthalene	"	ND	----	0.275	"	"	"	"	"	RL1

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	Willbridge / Chevron #100-1868
111 SW Columbia Street - Suite 725	Project Number:	100-1868
Portland, OR 97201	Project Manager:	Grant V. Sprick
		Report Created: 04/12/07 17:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0923-04 (CR-1)			Water			Sampled: 03/22/07 10:25					
Phenanthrene		EPA 8270m	0.140	---	0.00980	ug/l	1x	7031022	03/27/07 12:25	04/04/07 05:03	
Pyrene		"	ND	---	0.0784	"	"	"	"	"	RL1
	Surrogate(s):	*Benzo (a) pyrene-d12*		*62.5%*		*10 - 125 %*	"			*04/09/07 18:39*	
		Fluorene-d10		*78.3%*		*25 - 125 %*	"			*04/04/07 05:03*	
		Pyrene-d10		*127%*		*23 - 150 %*	"			"	
		Benzo (a) pyrene-d12		*66.9%*		*10 - 125 %*	"			"	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030991 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7030991-BLK1)							Extracted: 03/26/07 10:22							
Arsenic	EPA 6020	ND	---	0.0000360	mg/l	1x	--	--	--	--	--	--	03/28/07 09:05	
Cadmium	"	ND	---	0.0000752	"	"	--	--	--	--	--	--	"	
Lead	"	ND	---	0.000432	"	"	--	--	--	--	--	--	"	L
Selenium	"	ND	---	0.00160	"	"	--	--	--	--	--	--	"	
Silver	"	ND	---	0.000800	"	"	--	--	--	--	--	--	"	L
Zinc	"	ND	---	0.00400	"	"	--	--	--	--	--	--	"	B
LCS (7030991-BS1)							Extracted: 03/26/07 10:22							
Arsenic	EPA 6020	0.109	---	0.000800	mg/l	1x	--	0.100	109%	(80-120)	--	--	03/28/07 11:40	
Cadmium	"	0.114	---	0.000800	"	"	--	"	114%	"	--	--	"	
Lead	"	0.131	---	0.000800	"	"	--	"	131%	"	--	--	"	L
Selenium	"	0.0449	---	0.00160	"	"	--	0.0500	89.8%	"	--	--	"	
Silver	"	0.0693	---	0.000800	"	"	--	"	139%	"	--	--	"	L
Zinc	"	0.0994	---	0.00400	"	"	--	0.100	99.4%	"	--	--	"	
Duplicate (7030991-DUP1)							QC Source: PQC0922-02			Extracted: 03/26/07 10:22				
Arsenic	EPA 6020	0.00333	---	0.000800	mg/l	1x	0.00342	--	--	--	2.67%	(20)	03/28/07 10:56	
Cadmium	"	ND	---	0.000800	"	"	0.000832	--	--	--	5.94%	"	"	
Lead	"	0.000800	---	0.000800	"	"	0.000840	--	--	--	4.88%	"	"	L
Selenium	"	ND	---	0.00160	"	"	ND	--	--	--	NR	"	03/29/07 15:07	
Silver	"	ND	---	0.000800	"	"	ND	--	--	--	NR	"	03/28/07 10:56	L
Zinc	"	0.0240	---	0.00400	"	"	0.0252	--	--	--	4.88%	"	"	
Matrix Spike (7030991-MS1)							QC Source: PQC0922-02			Extracted: 03/26/07 10:22				
Arsenic	EPA 6020	0.0859	---	0.000800	mg/l	1x	0.00342	0.100	82.5%	(75-125)	--	--	03/28/07 11:04	
Cadmium	"	0.0902	---	0.000800	"	"	0.000832	"	89.4%	"	--	--	"	
Lead	"	0.0930	---	0.000800	"	"	0.000840	"	92.2%	"	--	--	"	L
Selenium	"	0.0289	---	0.00160	"	"	ND	0.0500	57.8%	"	--	--	03/28/07 20:30	M8
Silver	"	0.0491	---	0.000800	"	"	ND	"	98.2%	"	--	--	03/28/07 11:04	L
Zinc	"	0.0978	---	0.00400	"	"	0.0252	0.100	72.6%	"	--	--	"	M2
Matrix Spike (7030991-MS2)							QC Source: PQC0923-03			Extracted: 03/26/07 10:22				
Arsenic	EPA 6020	0.0963	---	0.000800	mg/l	1x	0.0136	0.100	82.7%	(75-125)	--	--	03/28/07 12:33	
Cadmium	"	0.0882	---	0.000800	"	"	0.000800	"	87.4%	"	--	--	"	
Lead	"	0.0948	---	0.000800	"	"	0.00668	"	88.1%	"	--	--	"	L
Selenium	"	0.0332	---	0.00160	"	"	ND	0.0500	66.4%	"	--	--	03/28/07 21:57	M8
Silver	"	0.0458	---	0.000800	"	"	ND	"	97.6%	"	--	--	03/28/07 12:33	L
Zinc	"	0.0814	---	0.00400	"	"	0.00921	0.100	72.2%	"	--	--	"	M2

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030991 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7030991-MSD1)				QC Source: PQC0922-02					Extracted: 03/26/07 10:22					
Arsenic	EPA 6020	0.0862	---	0.000800	mg/l	1x	0.00342	0.100	82.8%	(75-125)	0.349%	(20)	03/28/07 11:18	
Cadmium	"	0.0893	---	0.000800	"	"	0.000832	"	88.5%	"	1.00%	"	"	
Lead	"	0.0922	---	0.000800	"	"	0.000840	"	91.4%	"	0.864%	"	"	L
Selenium	"	0.0333	---	0.00160	"	"	ND	0.0500	66.6%	"	14.1%	"	03/28/07 20:44	M8
Silver	"	0.0486	---	0.000800	"	"	ND	"	97.2%	"	1.02%	"	03/28/07 11:18	L
Zinc	"	0.101	---	0.00400	"	"	0.0252	0.100	75.8%	"	3.22%	"	"	
Matrix Spike Dup (7030991-MSD2)				QC Source: PQC0923-03					Extracted: 03/26/07 10:22					
Arsenic	EPA 6020	0.0981	---	0.000800	mg/l	1x	0.0136	0.100	84.5%	(75-125)	1.85%	(20)	03/28/07 12:40	
Cadmium	"	0.0894	---	0.000800	"	"	0.000800	"	88.6%	"	1.35%	"	"	
Lead	"	0.0960	---	0.000800	"	"	0.00668	"	89.3%	"	1.26%	"	"	L
Selenium	"	0.0315	---	0.00160	"	"	ND	0.0500	63.0%	"	5.26%	"	03/29/07 15:22	M8
Silver	"	0.0496	---	0.000800	"	"	ND	"	99.2%	"	1.63%	"	03/28/07 12:40	L
Zinc	"	0.0830	---	0.00400	"	"	0.00921	0.100	73.8%	"	1.95%	"	"	M2

QC Batch: 7031161 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031161-BLK1)									Extracted: 03/29/07 11:29					
Barium	EPA 6020	ND	---	0.000800	mg/l	1x	--	--	--	--	--	--	03/31/07 17:41	
Chromium	"	ND	---	0.000800	"	"	--	--	--	--	--	--	"	
Copper	"	ND	---	0.00160	"	"	--	--	--	--	--	--	"	
Lead	"	ND	---	0.000432	"	"	--	--	--	--	--	--	"	
Manganese	"	ND	---	0.00160	"	"	--	--	--	--	--	--	"	
Zinc	"	ND	---	0.00400	"	"	--	--	--	--	--	--	"	
LCS (7031161-BS1)									Extracted: 03/29/07 11:29					
Barium	EPA 6020	0.103	---	0.000800	mg/l	1x	--	0.100	103%	(80-120)	--	--	03/31/07 17:49	
Chromium	"	0.0970	---	0.000800	"	"	--	"	97.0%	"	--	--	"	
Copper	"	0.0946	---	0.00160	"	"	--	"	94.6%	"	--	--	"	
Lead	"	0.105	---	0.000800	"	"	--	"	105%	"	--	--	"	
Manganese	"	0.103	---	0.00160	"	"	--	"	103%	"	--	--	"	
Zinc	"	0.0978	---	0.00400	"	"	--	"	97.8%	"	--	--	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7137
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**
111 SW Columbia Street - Suite 725	Project Number:	100-1868
Portland, OR 97201	Project Manager:	Grant V. Sprick

Report Created: 04/12/07 17:00

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031161 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (7031161-DUP1)				QC Source: PQC0923-03RE1					Extracted: 03/29/07 11:29					
Barium	EPA 6020	0.0700	---	0.000800	mg/l	1x	0.0725	--	--	--	3.51%	(20)	03/31/07 19:44	
Chromium	"	0.00125	---	0.000800	"	"	0.00102	--	--	--	20.3%	"	"	R4
Copper	"	0.0160	---	0.00160	"	"	0.0173	--	--	--	7.81%	"	"	
Lead	"	0.00341	---	0.000800	"	"	0.00308	--	--	--	10.2%	"	"	
Manganese	"	2.08	---	0.0160	"	10x	2.10	--	--	--	0.957%	"	04/03/07 09:17	
Zinc	"	0.0140	---	0.00400	"	1x	0.0146	--	--	--	4.20%	"	03/31/07 19:44	
Matrix Spike (7031161-MS1)				QC Source: PQC0922-02RE1					Extracted: 03/29/07 11:29					
Barium	EPA 6020	0.180	---	0.000800	mg/l	1x	0.0799	0.100	100%	(75-125)	--	--	03/31/07 18:20	
Chromium	"	0.102	---	0.000800	"	"	0.000810	"	101%	"	--	--	"	
Copper	"	0.0955	---	0.00160	"	"	0.00221	"	93.3%	"	--	--	"	
Lead	"	0.105	---	0.000800	"	"	0.00103	"	104%	"	--	--	"	
Manganese	"	3.80	---	0.0160	"	10x	4.00	"	-200%	"	--	--	04/03/07 08:19	MHA
Zinc	"	0.131	---	0.00400	"	1x	0.0372	"	93.8%	"	--	--	03/31/07 18:20	
Matrix Spike (7031161-MS2)				QC Source: PQC0923-03RE1					Extracted: 03/29/07 11:29					
Barium	EPA 6020	0.182	---	0.000800	mg/l	1x	0.0725	0.100	110%	(75-125)	--	--	03/31/07 19:52	
Chromium	"	0.100	---	0.000800	"	"	0.00102	"	99.0%	"	--	--	"	
Copper	"	0.111	---	0.00160	"	"	0.0173	"	93.7%	"	--	--	"	
Lead	"	0.107	---	0.000800	"	"	0.00308	"	104%	"	--	--	"	
Manganese	"	2.35	---	0.0160	"	10x	2.10	"	250%	"	--	--	04/03/07 13:27	MHA
Zinc	"	0.109	---	0.00400	"	1x	0.0146	"	94.4%	"	--	--	03/31/07 19:52	
Matrix Spike Dup (7031161-MSD1)				QC Source: PQC0922-02RE1					Extracted: 03/29/07 11:29					
Barium	EPA 6020	0.173	---	0.000800	mg/l	1x	0.0799	0.100	93.1%	(75-125)	3.97%	(20)	03/31/07 18:27	
Chromium	"	0.101	---	0.000800	"	"	0.000810	"	100%	"	0.985%	"	"	
Copper	"	0.0935	---	0.00160	"	"	0.00221	"	91.3%	"	2.12%	"	"	
Lead	"	0.0998	---	0.000800	"	"	0.00103	"	98.8%	"	5.08%	"	"	
Manganese	"	3.75	---	0.0160	"	10x	4.00	"	-250%	"	1.32%	"	04/03/07 08:27	MHA
Zinc	"	0.129	---	0.00400	"	1x	0.0372	"	91.8%	"	1.54%	"	03/31/07 18:27	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Mercury by EPA Method 1631E - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7040122 **Water Preparation Method: EPA 1631**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7040122-BLK1)								Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	ND	--	0.00500	ug/l	1x	--	--	--	--	--	--	04/04/07 14:05	
LCS (7040122-BS1)								Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0516	--	0.00500	ug/l	1x	--	0.0500	103%	(85-115)	--	--	04/04/07 14:08	
LCS Dup (7040122-BSD1)								Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0520	--	0.00500	ug/l	1x	--	0.0500	104%	(85-115)	0.772%	(20)	04/04/07 14:11	
Duplicate (7040122-DUP1)				QC Source: PQC0915-03				Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	ND	--	0.00500	ug/l	1x	0.00540	--	--	--	41.3%	(20)	04/04/07 14:14	R4
Matrix Spike (7040122-MS1)				QC Source: PQC0915-03				Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0510	--	0.00500	ug/l	1x	0.00540	0.0500	91.2%	(71-125)	--	--	04/04/07 14:17	
Matrix Spike (7040122-MS2)				QC Source: PQC0923-03				Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0783	--	0.00500	ug/l	1x	0.0235	0.0500	110%	(71-125)	--	--	04/04/07 14:23	
Matrix Spike Dup (7040122-MSD1)				QC Source: PQC0915-03				Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0528	--	0.00500	ug/l	1x	0.00540	0.0500	94.8%	(71-125)	3.47%	(20)	04/04/07 14:20	
Matrix Spike Dup (7040122-MSD2)				QC Source: PQC0923-03				Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0756	--	0.00500	ug/l	1x	0.0235	0.0500	104%	(71-125)	3.51%	(20)	04/04/07 14:26	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031023 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031023-BLK1)									Extracted: 03/27/07 09:39					
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	---	---	---	---	---	---	03/27/07 12:11	
Benzene	"	ND	---	0.200	"	"	---	---	---	---	---	---	"	
Bromobenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Bromochloromethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Bromodichloromethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Bromoform	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Bromomethane	"	ND	---	5.00	"	"	---	---	---	---	---	---	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	---	---	---	---	---	---	"	
n-Butylbenzene	"	ND	---	5.00	"	"	---	---	---	---	---	---	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Carbon disulfide	"	ND	---	10.0	"	"	---	---	---	---	---	---	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Chlorobenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Chloroethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Chloroform	"	ND	---	0.200	"	"	---	---	---	---	---	---	"	
Chloromethane	"	ND	---	5.00	"	"	---	---	---	---	---	---	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	---	---	---	---	---	---	"	
Dibromochloromethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Dibromomethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	---	---	---	---	---	---	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Ethylbenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	

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Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031023 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031023-BLK1)								Extracted: 03/27/07 09:39						
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	---	---	---	---	---	---	03/27/07 12:11	
2-Hexanone	"	ND	---	10.0	"	"	---	---	---	---	---	---	"	
Isopropylbenzene	"	ND	---	2.00	"	"	---	---	---	---	---	---	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	---	---	---	---	---	---	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	---	---	---	---	---	---	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Methylene chloride	"	ND	---	5.00	"	"	---	---	---	---	---	---	"	
Naphthalene	"	ND	---	2.00	"	"	---	---	---	---	---	---	"	
n-Propylbenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Styrene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Tetrachloroethene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Toluene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Trichloroethene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Vinyl chloride	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
o-Xylene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
m,p-Xylene	"	ND	---	2.00	"	"	---	---	---	---	---	---	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*96.5%*		*Limits: 80-120%*	"							*03/27/07 12:11*	
	1,2-DCA-d4		*96.0%*		*80-120%*	"							"	
	Dibromofluoromethane		*94.5%*		*80-120%*	"							"	
	Toluene-d8		*100%*		*80-120%*	"							"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031023 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7031023-BS1)								Extracted: 03/27/07 09:39						
Acetone	EPA 8260B	50.4	---	25.0	ug/l	1x	--	40.0	126%	(56-141)	--	--	03/27/07 10:21	
Benzene	"	21.0	---	0.200	"	"	--	20.0	105%	(80-120)	--	--	"	
Bromobenzene	"	20.2	---	1.00	"	"	--	"	101%	(78-120)	--	--	"	
Bromochloromethane	"	23.7	---	1.00	"	"	--	"	118%	(76-121)	--	--	"	
Bromodichloromethane	"	22.1	---	1.00	"	"	--	"	110%	(84-127)	--	--	"	
Bromoform	"	20.7	---	1.00	"	"	--	"	104%	(55-134)	--	--	"	
Bromomethane	"	17.4	---	5.00	"	"	--	"	87.0%	(38-150)	--	--	"	
2-Butanone (MEK)	"	41.7	---	10.0	"	"	--	40.0	104%	(71-136)	--	--	"	
n-Butylbenzene	"	22.0	---	5.00	"	"	--	20.0	110%	(76-126)	--	--	"	
sec-Butylbenzene	"	21.2	---	1.00	"	"	--	"	106%	(64-129)	--	--	"	
tert-Butylbenzene	"	22.8	---	1.00	"	"	--	"	114%	(71-127)	--	--	"	
Carbon disulfide	"	36.0	---	10.0	"	"	--	40.0	90.0%	(58-120)	--	--	"	
Carbon tetrachloride	"	22.3	---	1.00	"	"	--	20.0	112%	(73-134)	--	--	"	
Chlorobenzene	"	20.6	---	1.00	"	"	--	"	103%	(80-124)	--	--	"	
Chloroethane	"	20.1	---	1.00	"	"	--	"	100%	(79-124)	--	--	"	
Chloroform	"	21.1	---	0.200	"	"	--	"	106%	(80-120)	--	--	"	
Chloromethane	"	17.5	---	5.00	"	"	--	"	87.5%	(47-146)	--	--	"	
2-Chlorotoluene	"	22.4	---	1.00	"	"	--	"	112%	(72-125)	--	--	"	
4-Chlorotoluene	"	21.2	---	1.00	"	"	--	"	106%	(77-124)	--	--	"	
1,2-Dibromo-3-chloropropane	"	19.3	---	5.00	"	"	--	"	96.5%	(73-134)	--	--	"	
Dibromochloromethane	"	22.0	---	1.00	"	"	--	"	110%	(69-138)	--	--	"	
1,2-Dibromoethane	"	22.5	---	1.00	"	"	--	"	112%	(80-122)	--	--	"	
Dibromomethane	"	21.2	---	1.00	"	"	--	"	106%	(80-120)	--	--	"	
1,2-Dichlorobenzene	"	20.0	---	1.00	"	"	--	"	100%	(80-113)	--	--	"	
1,3-Dichlorobenzene	"	20.7	---	1.00	"	"	--	"	104%	(76-123)	--	--	"	
1,4-Dichlorobenzene	"	19.9	---	1.00	"	"	--	"	99.5%	(73-120)	--	--	"	
Dichlorodifluoromethane	"	16.0	---	5.00	"	"	--	"	80.0%	(48-140)	--	--	"	
1,1-Dichloroethane	"	21.5	---	1.00	"	"	--	"	108%	(80-120)	--	--	"	
1,2-Dichloroethane	"	21.4	---	1.00	"	"	--	"	107%	(78-123)	--	--	"	
1,1-Dichloroethene	"	20.1	---	1.00	"	"	--	"	100%	(78-120)	--	--	"	
cis-1,2-Dichloroethene	"	22.7	---	1.00	"	"	--	"	114%	(80-120)	--	--	"	
trans-1,2-Dichloroethene	"	19.7	---	1.00	"	"	--	"	98.5%	"	--	--	"	
1,2-Dichloropropane	"	21.5	---	1.00	"	"	--	"	108%	(80-126)	--	--	"	
1,3-Dichloropropane	"	22.0	---	1.00	"	"	--	"	110%	(80-120)	--	--	"	
2,2-Dichloropropane	"	22.5	---	1.00	"	"	--	"	112%	(60-144)	--	--	"	
1,1-Dichloropropene	"	22.1	---	1.00	"	"	--	"	110%	(80-120)	--	--	"	
cis-1,3-Dichloropropene	"	21.5	---	1.00	"	"	--	"	108%	(80-125)	--	--	"	
trans-1,3-Dichloropropene	"	21.4	---	1.00	"	"	--	"	107%	(80-130)	--	--	"	
Ethylbenzene	"	22.5	---	1.00	"	"	--	"	112%	(80-120)	--	--	"	

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Sarah Rockwell, Project Manager

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ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031023 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	%REC	(Limits)	%RPD	(Limits)	Analyzed	Notes
LCS (7031023-BS1)									Extracted: 03/27/07 09:39					
Hexachlorobutadiene	EPA 8260B	19.5	---	4.00	ug/l	1x	--	20.0	97.5%	(64-145)	--	--	03/27/07 10:21	
2-Hexanone	"	42.7	---	10.0	"	"	--	40.0	107%	(73-139)	--	--	"	
Isopropylbenzene	"	22.3	---	2.00	"	"	--	20.0	112%	(77-124)	--	--	"	
p-Isopropyltoluene	"	23.4	---	2.00	"	"	--	"	117%	(68-130)	--	--	"	
4-Methyl-2-pentanone	"	38.6	---	5.00	"	"	--	40.0	96.5%	(72-134)	--	--	"	
Methyl tert-butyl ether	"	21.0	---	1.00	"	"	--	20.0	105%	(80-129)	--	--	"	
Methylene chloride	"	20.7	---	5.00	"	"	--	"	104%	(80-120)	--	--	"	
Naphthalene	"	21.8	---	2.00	"	"	--	"	109%	(72-149)	--	--	"	
n-Propylbenzene	"	22.5	---	1.00	"	"	--	"	112%	(76-128)	--	--	"	
Styrene	"	19.2	---	1.00	"	"	--	"	96.0%	(72-127)	--	--	"	
1,1,1,2-Tetrachloroethane	"	21.4	---	1.00	"	"	--	"	107%	(69-138)	--	--	"	
1,1,2,2-Tetrachloroethane	"	21.6	---	1.00	"	"	--	"	108%	(77-128)	--	--	"	
Tetrachloroethene	"	20.2	---	1.00	"	"	--	"	101%	(80-124)	--	--	"	
Toluene	"	20.9	---	1.00	"	"	--	"	104%	"	--	--	"	
1,2,3-Trichlorobenzene	"	20.3	---	1.00	"	"	--	"	102%	(69-138)	--	--	"	
1,2,4-Trichlorobenzene	"	20.8	---	1.00	"	"	--	"	104%	(75-127)	--	--	"	
1,1,1-Trichloroethane	"	21.8	---	1.00	"	"	--	"	109%	(76-132)	--	--	"	
1,1,2-Trichloroethane	"	21.0	---	1.00	"	"	--	"	105%	(80-123)	--	--	"	
Trichloroethene	"	20.6	---	1.00	"	"	--	"	103%	(80-132)	--	--	"	
Trichlorofluoromethane	"	21.6	---	1.00	"	"	--	"	108%	(77-137)	--	--	"	
1,2,3-Trichloropropane	"	19.9	---	1.00	"	"	--	"	99.5%	(75-125)	--	--	"	
1,2,4-Trimethylbenzene	"	22.2	---	1.00	"	"	--	"	111%	(73-132)	--	--	"	
1,3,5-Trimethylbenzene	"	22.2	---	1.00	"	"	--	"	111%	(75-132)	--	--	"	
Vinyl chloride	"	19.4	---	1.00	"	"	--	"	97.0%	(76-133)	--	--	"	
o-Xylene	"	21.9	---	1.00	"	"	--	"	110%	(77-123)	--	--	"	
m,p-Xylene	"	44.4	---	2.00	"	"	--	40.0	111%	(72-127)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*102%*	*Limits:*	*80-120%*	"							*03/27/07 10:21*	
	1,2-DCA-d4		*107%*		*80-120%*	"							"	
	Dibromofluoromethane		*102%*		*80-120%*	"							"	
	Toluene-d8		*102%*		*80-120%*	"							"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031023 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7031023-MS1)				QC Source: PQC0923-03				Extracted: 03/27/07 09:39						
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	ND	40.0	NR	(59.9-143)	--	--	03/27/07 10:49	M1
Benzene	"	38.0	---	0.200	"	"	28.5	20.0	47.5%	(80-124)	--	--	"	M8
Bromobenzene	"	19.5	---	1.00	"	"	ND	"	97.5%	(80-121)	--	--	"	
Bromochloromethane	"	22.9	---	1.00	"	"	ND	"	114%	(80-129)	--	--	"	
Bromodichloromethane	"	21.5	---	1.00	"	"	ND	"	108%	(80-135)	--	--	"	
Bromoform	"	19.1	---	1.00	"	"	ND	"	95.5%	(69.4-151)	--	--	"	
Bromomethane	"	16.6	---	5.00	"	"	ND	"	83.0%	(31-155)	--	--	"	
2-Butanone (MEK)	"	40.5	---	10.0	"	"	ND	40.0	101%	(72.3-143)	--	--	"	
n-Butylbenzene	"	22.4	---	5.00	"	"	ND	20.0	112%	(70.8-140)	--	--	"	
sec-Butylbenzene	"	20.7	---	1.00	"	"	0.0800	"	103%	(72.5-134)	--	--	"	
tert-Butylbenzene	"	22.4	---	1.00	"	"	ND	"	112%	(72.3-132)	--	--	"	
Carbon disulfide	"	33.7	---	10.0	"	"	ND	40.0	84.2%	(40-167)	--	--	"	
Carbon tetrachloride	"	22.1	---	1.00	"	"	ND	20.0	110%	(78.8-129)	--	--	"	
Chlorobenzene	"	20.2	---	1.00	"	"	ND	"	101%	(72.9-134)	--	--	"	
Chloroethane	"	19.7	---	1.00	"	"	ND	"	98.5%	(79-126)	--	--	"	
Chloroform	"	20.7	---	0.200	"	"	ND	"	104%	(80-124)	--	--	"	
Chloromethane	"	17.0	---	5.00	"	"	ND	"	85.0%	(40-150)	--	--	"	
2-Chlorotoluene	"	21.9	---	1.00	"	"	ND	"	110%	(80-120)	--	--	"	
4-Chlorotoluene	"	21.0	---	1.00	"	"	ND	"	105%	(80-121)	--	--	"	
1,2-Dibromo-3-chloropropane	"	18.8	---	5.00	"	"	ND	"	94.0%	(58.5-143)	--	--	"	
Dibromochloromethane	"	21.7	---	1.00	"	"	ND	"	108%	(80-129)	--	--	"	
1,2-Dibromoethane	"	21.2	---	1.00	"	"	ND	"	106%	(80-128)	--	--	"	
Dibromomethane	"	20.1	---	1.00	"	"	ND	"	100%	(76.4-131)	--	--	"	
1,2-Dichlorobenzene	"	19.8	---	1.00	"	"	ND	"	99.0%	(80-120)	--	--	"	
1,3-Dichlorobenzene	"	19.9	---	1.00	"	"	ND	"	99.5%	(80-122)	--	--	"	
1,4-Dichlorobenzene	"	19.8	---	1.00	"	"	ND	"	99.0%	(80-120)	--	--	"	
Dichlorodifluoromethane	"	15.9	---	5.00	"	"	ND	"	79.5%	(63.2-134)	--	--	"	
1,1-Dichloroethane	"	21.2	---	1.00	"	"	ND	"	106%	(80-123)	--	--	"	
1,2-Dichloroethane	"	20.9	---	1.00	"	"	ND	"	104%	(80-121)	--	--	"	
1,1-Dichloroethene	"	19.6	---	1.00	"	"	ND	"	98.0%	(79.3-127)	--	--	"	
cis-1,2-Dichloroethene	"	22.2	---	1.00	"	"	ND	"	111%	(76.6-136)	--	--	"	
trans-1,2-Dichloroethene	"	20.0	---	1.00	"	"	ND	"	100%	(80-120)	--	--	"	
1,2-Dichloropropane	"	21.5	---	1.00	"	"	ND	"	108%	"	--	--	"	
1,3-Dichloropropane	"	21.7	---	1.00	"	"	ND	"	108%	(80-132)	--	--	"	
2,2-Dichloropropane	"	23.7	---	1.00	"	"	ND	"	118%	(74.8-143)	--	--	"	
1,1-Dichloropropene	"	22.0	---	1.00	"	"	ND	"	110%	(80-123)	--	--	"	
cis-1,3-Dichloropropene	"	20.6	---	1.00	"	"	ND	"	103%	(80-130)	--	--	"	
trans-1,3-Dichloropropene	"	20.8	---	1.00	"	"	ND	"	104%	(80-135)	--	--	"	
Ethylbenzene	"	21.9	---	1.00	"	"	0.280	"	108%	(80-124)	--	--	"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031023 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL^	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7031023-MS1)				QC Source: PQC0923-03				Extracted: 03/27/07 09:39						
Hexachlorobutadiene	EPA 8260B	20.4	---	4.00	ug/l	tx	ND	20.0	102%	(46.3-157)	--	--	03/27/07 10:49	
2-Hexanone	"	37.1	---	10.0	"	"	ND	40.0	92.8%	(62.7-152)	--	--	"	
Isopropylbenzene	"	22.7	---	2.00	"	"	0.910	20.0	109%	(80-129)	--	--	"	
p-Isopropyltoluene	"	22.9	---	2.00	"	"	ND	"	114%	(71.9-138)	--	--	"	
4-Methyl-2-pentanone	"	35.3	---	5.00	"	"	ND	40.0	88.2%	(58.7-151)	--	--	"	
Methyl tert-butyl ether	"	20.6	---	1.00	"	"	0.150	20.0	102%	(80-130)	--	--	"	
Methylene chloride	"	20.0	---	5.00	"	"	ND	"	100%	(80-120)	--	--	"	
Naphthalene	"	21.1	---	2.00	"	"	ND	"	106%	(69-163)	--	--	"	
n-Propylbenzene	"	23.0	---	1.00	"	"	0.900	"	110%	(74.3-133)	--	--	"	
Styrene	"	18.5	---	1.00	"	"	ND	"	92.5%	(47.7-152)	--	--	"	
1,1,1,2-Tetrachloroethane	"	21.6	---	1.00	"	"	ND	"	108%	(80-129)	--	--	"	
1,1,2,2-Tetrachloroethane	"	21.5	---	1.00	"	"	ND	"	108%	(78.9-146)	--	--	"	
Tetrachloroethene	"	19.3	---	1.00	"	"	ND	"	96.5%	(80-125)	--	--	"	
Toluene	"	21.2	---	1.00	"	"	1.09	"	101%	(79.7-131)	--	--	"	
1,2,3-Trichlorobenzene	"	20.3	---	1.00	"	"	ND	"	102%	(70.1-154)	--	--	"	
1,2,4-Trichlorobenzene	"	20.4	---	1.00	"	"	ND	"	102%	(71.2-148)	--	--	"	
1,1,1-Trichloroethane	"	21.7	---	1.00	"	"	ND	"	108%	(80-127)	--	--	"	
1,1,2-Trichloroethane	"	20.1	---	1.00	"	"	ND	"	100%	(80-130)	--	--	"	
Trichloroethene	"	19.5	---	1.00	"	"	ND	"	97.5%	(68.4-130)	--	--	"	
Trichlorofluoromethane	"	21.4	---	1.00	"	"	ND	"	107%	(79.1-129)	--	--	"	
1,2,3-Trichloropropane	"	18.7	---	1.00	"	"	ND	"	93.5%	(80-131)	--	--	"	
1,2,4-Trimethylbenzene	"	22.0	---	1.00	"	"	ND	"	110%	(80-136)	--	--	"	
1,3,5-Trimethylbenzene	"	22.0	---	1.00	"	"	ND	"	110%	(73.4-141)	--	--	"	
Vinyl chloride	"	19.1	---	1.00	"	"	ND	"	95.5%	(73.1-132)	--	--	"	
o-Xylene	"	20.9	---	1.00	"	"	0.110	"	104%	(85.5-124)	--	--	"	
m,p-Xylene	"	44.0	---	2.00	"	"	0.590	40.0	109%	(76.2-134)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 99.5%*			*Limit: 80-120%*	"							*03/27/07 10:49*	
1,2-DCA-d4		*98.5%*			*80-120%*	"							"	
Dibromofluoromethane		*102%*			*80-120%*	"							"	
Toluene-d8		*103%*			*80-120%*	"							"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	Willbridge / Chevron #100-1868	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031023 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7031023-MSD1)					QC Source: PQC0923-03				Extracted: 03/27/07 09:39					
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	ND	40.0	NR	(59.9-143)		(25)	03/27/07 11:16	M3
Benzene	"	67.6	---	0.200	"	"	28.5	20.0	196%	(80-124)	56.1%	"	"	M7
Bromobenzene	"	19.5	---	1.00	"	"	ND	"	97.5%	(80-121)	0.00%	"	"	
Bromochloromethane	"	22.7	---	1.00	"	"	ND	"	114%	(80-129)	0.877%	"	"	
Bromodichloromethane	"	21.6	---	1.00	"	"	ND	"	108%	(80-135)	0.464%	"	"	
Bromoform	"	19.1	---	1.00	"	"	ND	"	95.5%	(69.4-151)	0.00%	"	"	
Bromomethane	"	16.6	---	5.00	"	"	ND	"	83.0%	(31-155)	0.00%	"	"	
2-Butanone (MEK)	"	62.7	---	10.0	"	"	ND	40.0	157%	(72.3-143)	43.0%	"	"	M7
n-Butylbenzene	"	22.2	---	5.00	"	"	ND	20.0	111%	(70.8-140)	0.897%	"	"	
sec-Butylbenzene	"	20.4	---	1.00	"	"	0.0800	"	102%	(72.5-134)	1.46%	"	"	
tert-Butylbenzene	"	22.0	---	1.00	"	"	ND	"	110%	(72.3-132)	1.80%	"	"	
Carbon disulfide	"	31.9	---	10.0	"	"	ND	40.0	79.8%	(40-167)	5.49%	"	"	
Carbon tetrachloride	"	21.8	---	1.00	"	"	ND	20.0	109%	(78.8-129)	1.37%	"	"	
Chlorobenzene	"	20.0	---	1.00	"	"	ND	"	100%	(72.9-134)	0.995%	"	"	
Chloroethane	"	19.2	---	1.00	"	"	ND	"	96.0%	(79-126)	2.57%	"	"	
Chloroform	"	21.0	---	0.200	"	"	ND	"	105%	(80-124)	1.44%	"	"	
Chloromethane	"	17.4	---	5.00	"	"	ND	"	87.0%	(40-150)	2.33%	"	"	
2-Chlorotoluene	"	21.4	---	1.00	"	"	ND	"	107%	(80-120)	2.31%	"	"	
4-Chlorotoluene	"	20.9	---	1.00	"	"	ND	"	104%	(80-121)	0.477%	"	"	
1,2-Dibromo-3-chloropropane	"	18.2	---	5.00	"	"	ND	"	91.0%	(58.5-143)	3.24%	"	"	
Dibromochloromethane	"	21.5	---	1.00	"	"	ND	"	108%	(80-129)	0.926%	"	"	
1,2-Dibromoethane	"	21.6	---	1.00	"	"	ND	"	108%	(80-128)	1.87%	"	"	
Dibromomethane	"	20.1	---	1.00	"	"	ND	"	100%	(76.4-131)	0.00%	"	"	
1,2-Dichlorobenzene	"	19.5	---	1.00	"	"	ND	"	97.5%	(80-120)	1.53%	"	"	
1,3-Dichlorobenzene	"	19.9	---	1.00	"	"	ND	"	99.5%	(80-122)	0.00%	"	"	
1,4-Dichlorobenzene	"	19.1	---	1.00	"	"	ND	"	95.5%	(80-120)	3.60%	"	"	
Dichlorodifluoromethane	"	15.9	---	5.00	"	"	ND	"	79.5%	(63.2-134)	0.00%	"	"	
1,1-Dichloroethane	"	21.2	---	1.00	"	"	ND	"	106%	(80-123)	0.00%	"	"	
1,2-Dichloroethane	"	21.2	---	1.00	"	"	ND	"	106%	(80-121)	1.43%	"	"	
1,1-Dichloroethene	"	19.6	---	1.00	"	"	ND	"	98.0%	(79.3-127)	0.00%	"	"	
cis-1,2-Dichloroethene	"	22.7	---	1.00	"	"	ND	"	114%	(76.6-136)	2.23%	"	"	
trans-1,2-Dichloroethene	"	20.5	---	1.00	"	"	ND	"	102%	(80-120)	2.47%	"	"	
1,2-Dichloropropane	"	21.4	---	1.00	"	"	ND	"	107%	"	0.466%	"	"	
1,3-Dichloropropane	"	21.3	---	1.00	"	"	ND	"	106%	(80-132)	1.86%	"	"	
2,2-Dichloropropane	"	23.7	---	1.00	"	"	ND	"	118%	(74.8-143)	0.00%	"	"	
1,1-Dichloropropene	"	22.0	---	1.00	"	"	ND	"	110%	(80-123)	0.00%	"	"	
cis-1,3-Dichloropropene	"	21.0	---	1.00	"	"	ND	"	105%	(80-130)	1.92%	"	"	
trans-1,3-Dichloropropene	"	20.8	---	1.00	"	"	ND	"	104%	(80-135)	0.00%	"	"	
Ethylbenzene	"	23.4	---	1.00	"	"	0.280	"	116%	(80-124)	6.62%	"	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031023 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7031023-MSD1)					QC Source: PQC0923-03				Extracted: 03/27/07 09:39					
Hexachlorobutadiene	EPA 8260B	19.4	---	4.00	ug/l	1x	ND	20.0	97.0%	(46.3-157)	5.03%	(25)	03/27/07 11:16	
2-Hexanone	"	36.9	---	10.0	"	"	ND	40.0	92.2%	(62.7-152)	0.541%	"	"	
Isopropylbenzene	"	26.6	---	2.00	"	"	0.910	20.0	128%	(80-129)	15.8%	"	"	
p-Isopropyltoluene	"	22.6	---	2.00	"	"	ND	"	113%	(71.9-138)	1.32%	"	"	
4-Methyl-2-pentanone	"	35.7	---	5.00	"	"	ND	40.0	89.2%	(58.7-151)	1.13%	"	"	
Methyl tert-butyl ether	"	21.1	---	1.00	"	"	0.150	20.0	105%	(80-130)	2.40%	"	"	
Methylene chloride	"	20.4	---	5.00	"	"	ND	"	102%	(80-120)	1.98%	"	"	
Naphthalene	"	22.2	---	2.00	"	"	ND	"	111%	(69-163)	5.08%	"	"	
n-Propylbenzene	"	29.1	---	1.00	"	"	0.900	"	141%	(74.3-133)	23.4%	"	"	M7
Styrene	"	18.7	---	1.00	"	"	ND	"	93.5%	(47.7-152)	1.08%	"	"	
1,1,1,2-Tetrachloroethane	"	21.2	---	1.00	"	"	ND	"	106%	(80-129)	1.87%	"	"	
1,1,2,2-Tetrachloroethane	"	22.5	---	1.00	"	"	ND	"	112%	(78.9-146)	4.55%	"	"	
Tetrachloroethene	"	19.1	---	1.00	"	"	ND	"	95.5%	(80-125)	1.04%	"	"	
Toluene	"	25.4	---	1.00	"	"	1.09	"	122%	(79.7-131)	18.0%	"	"	
1,2,3-Trichlorobenzene	"	19.6	---	1.00	"	"	ND	"	98.0%	(70.1-154)	3.51%	"	"	
1,2,4-Trichlorobenzene	"	21.1	---	1.00	"	"	ND	"	106%	(71.2-148)	3.37%	"	"	
1,1,1-Trichloroethane	"	21.1	---	1.00	"	"	ND	"	106%	(80-127)	2.80%	"	"	
1,1,2-Trichloroethane	"	20.5	---	1.00	"	"	ND	"	102%	(80-130)	1.97%	"	"	
Trichloroethene	"	19.1	---	1.00	"	"	ND	"	95.5%	(68.4-130)	2.07%	"	"	
Trichlorofluoromethane	"	20.5	---	1.00	"	"	ND	"	102%	(79.1-129)	4.30%	"	"	
1,2,3-Trichloropropane	"	18.6	---	1.00	"	"	ND	"	93.0%	(80-131)	0.536%	"	"	
1,2,4-Trimethylbenzene	"	21.8	---	1.00	"	"	ND	"	109%	(80-136)	0.913%	"	"	
1,3,5-Trimethylbenzene	"	21.9	---	1.00	"	"	ND	"	110%	(73.4-141)	0.456%	"	"	
Vinyl chloride	"	18.6	---	1.00	"	"	ND	"	93.0%	(73.1-132)	2.65%	"	"	
o-Xylene	"	21.2	---	1.00	"	"	0.110	"	105%	(85.5-124)	1.43%	"	"	
m,p-Xylene	"	50.0	---	2.00	"	"	0.590	40.0	124%	(76.2-134)	12.8%	"	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*102%*		*Limits: 80-120%*	"							*03/27/07 11:16*	
	1,2-DCA-d4		*99.5%*		*80-120%*	"							"	
	Dibromofluoromethane		*106%*		*80-120%*	"							"	
	Toluene-d8		*102%*		*80-120%*	"							"	

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031022 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031022-BLK1)							Extracted: 03/27/07 12:25							
Acenaphthene	EPA 8270m	ND	---	0.0100	ug/l	1x	--	--	--	--	--	--	03/30/07 16:46	
Benzo (a) anthracene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	04/06/07 20:46	
Benzo (a) pyrene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	03/30/07 16:46	
Benzo (b) fluoranthene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	04/06/07 20:46	
Anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	03/30/07 16:46	
Benzo (k) fluoranthene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	04/06/07 20:46	
Chrysene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	03/30/07 16:46	
Fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene-d12		*105%*			*10-125%*	"							*04/06/07 20:46*	
Fluorene-d10		*131%*			*25-125%*	"							*03/30/07 16:46*	Z2
Surrogate(s): Pyrene-d10		*Recovery: 130%*			*Limits: 23-150%*	"							*03/30/07 16:46*	
Benzo (a) pyrene-d12		*108%*			*10-125%*	"							"	
LCS (7031022-BS1)							Extracted: 03/27/07 12:25							
Acenaphthene	EPA 8270m	1.25	---	0.0200	ug/l	2x	--	1.25	100%	(35-120)	--	--	04/04/07 22:55	
Acenaphthylene	"	1.25	---	0.0200	"	"	--	"	100%	(34-116)	--	--	"	
Benzo (a) pyrene	"	1.37	---	0.0100	"	"	--	"	110%	(38-137)	--	--	04/07/07 00:23	
Anthracene	"	1.23	---	0.0200	"	"	--	"	98.4%	(24-119)	--	--	04/04/07 22:55	
Benzo (a) anthracene	"	1.39	---	0.0200	"	"	--	"	111%	(36-128)	--	--	"	
Benzo (a) pyrene	"	1.35	---	0.0200	"	"	--	"	108%	(17-128)	--	--	"	
Benzo (b) fluoranthene	"	1.42	---	0.0200	"	"	--	"	114%	(37-131)	--	--	"	
Benzo (ghi) perylene	"	1.36	---	0.0200	"	"	--	"	109%	(26-126)	--	--	"	
Benzo (k) fluoranthene	"	1.49	---	0.0200	"	"	--	"	119%	(18-145)	--	--	"	
Chrysene	"	1.40	---	0.0200	"	"	--	"	112%	(16-137)	--	--	"	
Dibenzo (a,h) anthracene	"	1.44	---	0.0200	"	"	--	"	115%	(20-141)	--	--	"	
Fluoranthene	"	1.44	---	0.0200	"	"	--	"	115%	(31-125)	--	--	"	
Fluorene	"	1.44	---	0.0200	"	"	--	"	115%	(27-124)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	1.44	---	0.0200	"	"	--	"	115%	(30-135)	--	--	"	
Naphthalene	"	1.24	---	0.0200	"	"	--	"	99.2%	(30-113)	--	--	"	
Phenanthrene	"	1.37	---	0.0200	"	"	--	"	110%	(34-126)	--	--	"	
Pyrene	"	1.34	---	0.0200	"	"	--	"	107%	(21-141)	--	--	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name: **Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number: 100-1868	Report Created:
Portland, OR 97201	Project Manager: Grant V. Sprick	04/12/07 17:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031022 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7031022-BS1)							Extracted: 03/27/07 12:25							
Benzo (a) pyrene-d12		*90.4%*			*10-125%*	2x							*04/07/07 00:23*	
Fluorene-d10		*102%*			*25-125%*	"							*04/04/07 22:55*	
Surrogate(s): Pyrene-d10	*Recovery:*	*103%*			*Limits: 23-150%*	"							*04/04/07 22:55*	
Benzo (a) pyrene-d12		*94.4%*			*10-125%*	"							"	
Matrix Spike (7031022-MS1)					QC Source: PQC0923-03		Extracted: 03/27/07 12:25							
Acenaphthene	EPA 8270m	1.14	---	0.0493	ug/l	5x	0.0691	1.23	87.1%	(35-120)	--	--	04/03/07 20:43	
Benzo (a) pyrene	"	1.17	---	0.0246	"	"	0.0222	"	93.3%	(38-137)	--	--	04/07/07 00:54	
Acenaphthylene	"	1.21	---	0.0493	"	"	ND	"	98.4%	(34-116)	--	--	04/03/07 20:43	
Anthracene	"	0.984	---	0.0493	"	"	ND	"	80.0%	(24-119)	--	--	"	
Benzo (a) anthracene	"	1.22	---	0.0493	"	"	0.0215	"	97.4%	(22-129)	--	--	"	
Benzo (a) pyrene	"	1.20	---	0.0493	"	"	0.0219	"	95.8%	(4-112)	--	--	"	
Benzo (b) fluoranthene	"	1.24	---	0.0493	"	"	0.0146	"	99.6%	(0-136)	--	--	"	
Benzo (ghi) perylene	"	1.20	---	0.0493	"	"	0.0167	"	96.2%	(0-126)	--	--	"	
Benzo (k) fluoranthene	"	1.27	---	0.0493	"	"	0.0202	"	102%	(8-145)	--	--	"	
Chrysene	"	1.22	---	0.0493	"	"	0.0265	"	97.0%	(7-137)	--	--	"	
Dibenzo (a,h) anthracene	"	1.19	---	0.0493	"	"	ND	"	96.7%	(0-141)	--	--	"	
Fluoranthene	"	1.04	---	0.0493	"	"	0.0242	"	82.6%	(30-125)	--	--	"	
Fluorene	"	1.66	---	0.0493	"	"	0.200	"	119%	(27-124)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	1.21	---	0.0493	"	"	0.0136	"	97.3%	(0-135)	--	--	"	
Naphthalene	"	1.57	---	0.0493	"	"	ND	"	128%	(30-126)	--	--	"	M1
Phenanthrene	"	1.11	---	0.0493	"	"	0.201	"	73.9%	(34-126)	--	--	"	
Pyrene	"	1.32	---	0.0493	"	"	0.114	"	98.0%	(14-168)	--	--	"	
Benzo (a) pyrene-d12		*67.8%*			*10-125%*	"							*04/07/07 00:54*	
Fluorene-d10		*79.9%*			*25-125%*	"							*04/03/07 20:43*	
Surrogate(s): Pyrene-d10	*Recovery:*	*88.6%*			*Limits: 23-150%*	"							*04/03/07 20:43*	
Benzo (a) pyrene-d12		*73.1%*			*10-125%*	"							"	
Matrix Spike Dup (7031022-MSD1)					QC Source: PQC0923-03		Extracted: 03/27/07 12:25							
Acenaphthene	EPA 8270m	1.10	---	0.0498	ug/l	5x	0.0691	1.24	83.1%	(35-120)	4.70%	(50)	04/03/07 21:15	
Acenaphthylene	"	1.17	---	0.0498	"	"	ND	"	94.4%	(34-116)	4.15%	"	"	
Benzo (a) pyrene	"	1.14	---	0.0249	"	"	0.0222	"	90.1%	(38-137)	2.60%	(60)	04/07/07 01:25	
Anthracene	"	1.04	---	0.0498	"	"	ND	"	83.9%	(24-119)	4.76%	(50)	04/03/07 21:15	
Benzo (a) anthracene	"	1.20	---	0.0498	"	"	0.0215	"	95.0%	(22-129)	2.49%	"	"	
Benzo (a) pyrene	"	1.17	---	0.0498	"	"	0.0219	"	92.6%	(4-112)	3.40%	"	"	
Benzo (b) fluoranthene	"	1.20	---	0.0498	"	"	0.0146	"	95.6%	(0-136)	4.10%	"	"	
Benzo (ghi) perylene	"	1.18	---	0.0498	"	"	0.0167	"	93.8%	(0-126)	2.53%	"	"	
Benzo (k) fluoranthene	"	1.19	---	0.0498	"	"	0.0202	"	94.3%	(0-145)	7.85%	"	"	
Chrysene	"	1.21	---	0.0498	"	"	0.0265	"	95.4%	(7-137)	1.66%	"	"	
Dibenzo (a,h) anthracene	"	1.18	---	0.0498	"	"	ND	"	95.2%	(0-141)	1.56%	"	"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031022 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7031022-MSD1)					QC Source: PQC0923-03				Extracted: 03/27/07 12:25					
Fluoranthene	EPA 8270m	1.08	---	0.0498	ug/l	5x	0.0242	1.24	85.1%	(10-125)	2.58%	(50)	04/03/07 21:15	
Fluorene	"	1.50	---	0.0498	"	"	0.200	"	105%	(27-124)	12.5%	"	"	
Indeno (1,2,3-cd) pyrene	"	1.19	---	0.0498	"	"	0.0136	"	94.9%	(0-135)	2.50%	"	"	
Naphthalene	"	1.45	---	0.0498	"	"	ND	"	117%	(30-126)	8.98%	"	"	
Phenanthrene	"	1.12	---	0.0498	"	"	0.201	"	74.1%	(34-126)	0.270%	"	"	
Pyrene	"	1.30	---	0.0498	"	"	0.114	"	95.6%	(14-168)	2.48%	"	"	
Benzo (a) pyrene-d12			*65.1%*		*10-125%*	"							*04/03/07 21:15*	
Fluorene-d10			*70.9%*		*25-125%*	"							*04/03/07 21:15*	
Surrogate(s): Pyrene-d10		*Recovery:*	*84.7%*		*Limits: 23-150%*	"							*04/03/07 21:15*	
Benzo (a) pyrene-d12			*69.1%*		*10-125%*	"							"	

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7137
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Notes and Definitions

Report Specific Notes:

B	-	Analyte was detected in the associated Method Blank.
B1	-	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
L	-	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	-	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
M1	-	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	-	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M3	-	Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
M7	-	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	-	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
M1A	-	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
R4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
RL1	-	Reporting limit raised due to sample matrix effects.
RL3	-	Reporting limit raised due to high concentrations of non-target analytes.
RL7	-	Sample required dilution due to high concentrations of target analyte.
Z2	-	Surrogate recovery was above the acceptance limits. Data not impacted.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/12/07 17:00

Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Sarah Rockwell, Project Manager

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11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

REMEDIAL INVESTIGATION (RI)

CHAIN OF CUSTODY REPORT

Work Order #: PQ0923

CLIENT: ARCADIS BBL

REPORT TO: GRANT V SPRICK
ADDRESS: 111 SW COLUMBIA ST. SUITE 725
PORTLAND, OR 9720
PHONE: 503.220.8201 FAX: 503.220.8209

INVOICE TO: DARIN ROUSE

P.O. NUMBER:

PROJECT NAME: WILLBR. DUKE TERMINAL
PROJECT NUMBER: ~~100~~ 100-18168
SAMPLED BY: E. MCDONNELL

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analyses: 10 (STD) | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 (STD) | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE: HCL | — | TSP-N

REQUESTED ANALYSES: RCRA 8 METALS (INTRE 6010B) * | PAHs 8270C | TOTAL MERCURY * | LOW LEVEL MERCURY *

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	RCRA 8 METALS	PAHs 8270C	TOTAL MERCURY *	LOW LEVEL MERCURY *	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1	B-9	3/22/07 @ 10:20	3	2	1	1	W	7		
2	B-29	3/22/07 @ 14:44	3	2	1	1	W	7		
3	B-30	3/22/07 @ 14:45	9	6	3	2	W	20	MS/MSD	
4	CR-1	3/22/07 @ 10:25	3	2	1	1	W	7		
5	TRIP BLANK	———	1							
6										
7										
8										
9										
10										

RELEASED BY: [signature] DATE: 3/22/07
PRINT NAME: TIMOTHY SPRICK FIRM: ARCADIS BBL TIME: 16:30

RECEIVED BY: [signature] DATE: 3/22/07
PRINT NAME: Beth F FIRM: TAL TIME: 16:35

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE: lab
PRINT NAME: FIRM: TIME: 17:45

ADDITIONAL REMARKS: * LOW DETECTION LIMITS ON ALL ANALYTES (PORTLAND HARBOR)

TEMP:

COC rev 03/06

PAGE OF

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project.
Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

11,3,10,1,7,0,7,2

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TEST AMERICA SAMPLE RECEIPT CHECKLIST 281,500,280,279

Received By: (applies to temp at receipt)
Date: 3/22/07
Time: 10:35
Initials: LS

Logged-in By:
Date: 3/23
Initials: SM

Unpacked/Labeled By:
Date: 3/23
Initials: SM

Cooler ID: ___ (___ of ___)

Work Order No. PQC0923
Client: Arcadis BBL
Project: Willbridge Terminal

Container Type:
4 Cooler
___ Box
___ None/Other ___

COC Seals:
___ Ship. Container ___ Sign By
___ On Bottles ___ Date
X None

Packing Material
___ Bubble Bags ___ Styrofoam
___ Foam Packs
X None/Other Other ___

Refrigerant
___ Gel Ice Pack ___ ___ None
Y Loose Ice
___ None/Other ___

Received Via: Bill# ___
___ Fed Ex ___ Client
___ UPS X NCA Courier
___ DHL ___ Mid Valley
___ Senvoy ___ TDP
___ GS ___ Other ___

Cooler Temperature (IR): 11.3, 10.1, 7.0, 7.2 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? ___ °C or NA

Trip Blank? Y or N or NA

Sample Containers:		ID			ID
Intact?	Y or N	___	Metals Preserved?	Y or N or NA	___
Provided by NCA?	Y or N	___	Client QAPP Preserved?	Y or N or NA	___
Correct Type?	Y or N	___	Adequate Volume? (for tests requested)	Y or N	___
#Containers match COC?	Y or N	___	Water VOAs: Headspace?	Y or N or NA	___
IDs/time/date match COC?	Y or N	___	Comments:		
Hold Times in hold?	Y or N	___			

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments, Problems ___

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ___/___ Date Time

PM Initials: ___ Date: ___ Time: ___

rev 3 09/12/05

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

April 11, 2007

Grant V. Sprick
ARCADIS U.S., Inc
111 SW Columbia Street - Suite 725
Portland, OR 97201

RE: Willbridge / Chevron #100-1868

Enclosed are the results of analyses for samples received by the laboratory on 03/21/07 17:35. The following list is a summary of the Work Orders contained in this report, generated on 04/11/07 14:22.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PQC0858	Willbridge / Chevron #100-18	100-1868

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008 7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-10	PQC0858-01	Water	03/21/07 12:00	03/21/07 17:35
B-21	PQC0858-02	Water	03/21/07 10:35	03/21/07 17:35
BD-3	PQC0858-03	Water	03/21/07 12:06	03/21/07 17:35
#178 Trip Blank	PQC0858-04	Water	03/21/07 00:00	03/21/07 17:35

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Total Metals per EPA 6000/7000 Series Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-01 (B-10)		**Water**			**Sampled: 03/21/07 12:00**					
Arsenic	EPA 6020	0.0286	—	0.0000360	mg/l	1x	7030990	03/26/07 10:20	03/28/07 09:58	
Barium	"	0.0808	—	0.000800	"	"	"	"	"	
Cadmium	"	0.0000800	—	0.0000752	"	"	"	"	"	
Chromium	"	0.00339	—	0.000800	"	"	"	"	"	
Copper	"	0.00435	—	0.00160	"	"	"	"	"	
Lead	"	0.00215	—	0.000432	"	"	"	"	"	
Manganese	"	4.29	—	0.0160	"	10x	"	"	03/29/07 09:50	RL7
Silver	"	ND	—	0.0000960	"	1x	"	"	03/28/07 09:58	
PQC0858-01RE1 (B-10)		**Water**			**Sampled: 03/21/07 12:00**					
Selenium	EPA 6020	ND	—	0.00160	mg/l	1x	7031160	03/29/07 11:26	03/31/07 13:32	
Zinc	"	0.0142	—	0.00400	"	"	"	"	"	
PQC0858-02 (B-21)		**Water**			**Sampled: 03/21/07 10:35**					
Arsenic	EPA 6020	0.0390	—	0.0000360	mg/l	1x	7030990	03/26/07 10:20	03/28/07 10:05	
Barium	"	0.0947	—	0.000800	"	"	"	"	"	
Cadmium	"	0.0000880	—	0.0000752	"	"	"	"	"	
Chromium	"	0.00213	—	0.000800	"	"	"	"	"	
Copper	"	0.00362	—	0.00160	"	"	"	"	"	
Lead	"	0.00262	—	0.000432	"	"	"	"	"	
Manganese	"	2.76	—	0.0160	"	10x	"	"	03/29/07 09:58	RL7
Silver	"	ND	—	0.0000960	"	1x	"	"	03/28/07 10:05	
PQC0858-02RE1 (B-21)		**Water**			**Sampled: 03/21/07 10:35**					
Selenium	EPA 6020	ND	—	0.00160	mg/l	1x	7031160	03/29/07 11:26	03/31/07 13:40	
Zinc	"	0.0136	—	0.00400	"	"	"	"	"	
PQC0858-03 (BD-3)		**Water**			**Sampled: 03/21/07 12:06**					
Arsenic	EPA 6020	0.0310	—	0.0000360	mg/l	10x	7030990	03/26/07 10:20	03/29/07 10:20	
Barium	"	0.0877	—	0.000800	"	1x	"	"	03/28/07 10:13	
Cadmium	"	0.000104	—	0.0000752	"	"	"	"	"	
Chromium	"	0.00450	—	0.000800	"	"	"	"	03/29/07 15:29	
Copper	"	0.00581	—	0.00160	"	"	"	"	"	
Lead	"	0.00290	—	0.000432	"	"	"	"	03/28/07 10:13	
Manganese	"	3.95	—	0.0160	"	10x	"	"	03/29/07 10:20	RL7
Silver	"	ND	—	0.0000960	"	1x	"	"	03/28/07 10:13	

TestAmerica - Portland, OR

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Total Metals per EPA 6000/7000 Series Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-03RE1 (BD-3)		**Water**			**Sampled: 03/21/07 12:06**					
Selenium	EPA 6020	ND	—	0.00160	mg/l	1x	7031160	03/29/07 11:26	03/31/07 13:48	
Zinc	"	0.0169	—	0.00400	"	"	"	"	"	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**
111 SW Columbia Street - Suite 725	Project Number:	100-1868
Portland, OR 97201	Project Manager:	Grant V. Sprick
		Report Created: 04/11/07 14:22

Mercury by EPA Method 1631E

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-01 (B-10)		**Water**				**Sampled: 03/21/07 12:00**				
Mercury	EPA 1631E	0.00618	—	0.00500	ug/l	1x	7040043	04/02/07 11:07	04/03/07 11:37	
PQC0858-02 (B-21)		**Water**				**Sampled: 03/21/07 10:35**				
Mercury	EPA 1631E	0.0144	—	0.00500	ug/l	1x	7040043	04/02/07 11:07	04/03/07 11:40	
PQC0858-03 (BD-3)		**Water**				**Sampled: 03/21/07 12:06**				
Mercury	EPA 1631E	0.00833	—	0.00500	ug/l	1x	7040043	04/02/07 11:07	04/03/07 11:43	

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Sarah Rockwell, Project Manager

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ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-01 (B-10)		Water			Sampled: 03/21/07 12:00					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7030957	03/26/07 08:04	03/26/07 12:31	
Benzene	"	0.770	----	0.200	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	2.07	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	1.01	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	0.200	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	10.7	----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-01 (B-10)		**Water**			**Sampled: 03/21/07 12:00**					
4-Methyl-2-pentanone	EPA 8260B	ND	——	5.00	ug/l	1x	7030957	03/26/07 08:04	03/26/07 12:31	
Methyl tert-butyl ether	"	ND	——	1.00	"	"	"	"	"	
Methylene chloride	"	ND	——	5.00	"	"	"	"	"	
Naphthalene	"	ND	——	2.00	"	"	"	"	"	
n-Propylbenzene	"	**15.4**	——	1.00	"	"	"	"	"	
Styrene	"	ND	——	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	——	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	——	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	——	1.00	"	"	"	"	"	
Toluene	"	**1.79**	——	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	——	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	——	1.00	"	"	"	"	"	
Trichloroethene	"	ND	——	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	——	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	——	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	——	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	——	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	——	1.00	"	"	"	"	"	
o-Xylene	"	**1.13**	——	1.00	"	"	"	"	"	
m,p-Xylene	"	**5.07**	——	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*90.0%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*90.5%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*84.0%*		*80 - 120 %*	"				"	
Toluene-d8		*103%*		*80 - 120 %*	"				"	
PQC0858-02 (B-21)		**Water**			**Sampled: 03/21/07 10:35**					
Acetone	EPA 8260B	**65.7**	——	25.0	ug/l	1x	7030957	03/26/07 08:04	03/26/07 12:58	
Benzene	"	**0.400**	——	0.200	"	"	"	"	"	
Bromobenzene	"	ND	——	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	——	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	——	1.00	"	"	"	"	"	
Bromoform	"	ND	——	1.00	"	"	"	"	"	
Bromomethane	"	ND	——	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	——	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	——	5.00	"	"	"	"	"	
sec-Butylbenzene	"	**2.55**	——	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	——	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	——	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	——	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	——	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-02 (B-21)		**Water**			**Sampled: 03/21/07 10:35**					
Chloroethane	EPA 8260B	ND	—	1.00	ug/l	1x	7030957	03/26/07 08:04	03/26/07 12:58	
Chloroform	"	ND	—	0.200	"	"	"	"	"	
Chloromethane	"	ND	—	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	—	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	—	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	—	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	—	1.00	"	"	"	"	"	
Dibromomethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	—	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	—	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	—	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	—	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	—	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	—	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	—	4.00	"	"	"	"	"	
2-Hexanone	"	ND	—	10.0	"	"	"	"	"	
Isopropylbenzene	"	**6.68**	—	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	—	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	—	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	**1.20**	—	1.00	"	"	"	"	"	
Methylene chloride	"	ND	—	5.00	"	"	"	"	"	
Naphthalene	"	ND	—	2.00	"	"	"	"	"	
n-Propylbenzene	"	**9.06**	—	1.00	"	"	"	"	"	
Styrene	"	ND	—	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	—	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	—	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	—	1.00	"	"	"	"	"	
Toluene	"	**1.64**	—	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	—	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	—	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	—	1.00	"	"	"	"	"	

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111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-02 (B-21)		**Water**			**Sampled: 03/21/07 10:35**					
Trichloroethene	EPA 8260B	ND	----	1.00	ug/l	1x	7030957	03/26/07 08:04	03/26/07 12:58	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*96.0%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*92.5%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*88.0%*		*80 - 120 %*	"				"	
Toluene-d8		*102%*		*80 - 120 %*	"				"	
PQC0858-03 (BD-3)		**Water**			**Sampled: 03/21/07 12:06**					
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	7030957	03/26/07 08:04	03/26/07 13:25	
Benzene	"	**0.720**	----	0.200	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	**2.15**	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	0.200	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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111 SW Columbia Street - Suite 725	Project Number: 100-1868	Report Created:
Portland, OR 97201	Project Manager: Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-03 (BD-3)		Water				Sampled: 03/21/07 12:06				
1,2-Dichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	7030957	03/26/07 08:04	03/26/07 13:25	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	**9.62**	----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	**14.6**	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	**1.74**	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	**1.10**	----	1.00	"	"	"	"	"	
m,p-Xylene	"	**4.42**	----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*96.5%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*92.0%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*90.0%*		*80 - 120 %*	"				"	
Toluene-d8		*102%*		*80 - 120 %*	"				"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-04 (#178 Trip Blank)		**Water**			**Sampled: 03/21/07 00:00**					
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	7031021	03/27/07 07:33	03/27/07 11:00	
Benzene	"	ND	---	0.200	"	"	"	"	"	
Bromobenzene	"	ND	---	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	---	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	---	1.00	"	"	"	"	"	
Bromoform	"	ND	---	1.00	"	"	"	"	"	
Bromomethane	"	ND	---	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	---	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	---	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	---	1.00	"	"	"	"	"	
Chloroethane	"	ND	---	1.00	"	"	"	"	"	
Chloroform	"	ND	---	0.200	"	"	"	"	"	
Chloromethane	"	ND	---	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	---	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	"	"	"	
Dibromomethane	"	ND	---	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	---	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	---	4.00	"	"	"	"	"	
2-Hexanone	"	ND	---	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	---	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	"	"	"	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**
111 SW Columbia Street - Suite 725	Project Number:	100-1868
Portland, OR 97201	Project Manager:	Grant V. Sprick
		Report Created: 04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-04 (#178 Trip Blank)		**Water**			**Sampled: 03/21/07 00:00**					
4-Methyl-2-pentanone	EPA 8260B	ND	----	5.00	ug/l	1x	7031021	03/27/07 07:33	03/27/07 11:00	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*92.0%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*94.5%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*91.0%*		*80 - 120 %*	"				"	
Toluene-d8		*99.0%*		*80 - 120 %*	"				"	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**
111 SW Columbia Street - Suite 725	Project Number:	100-1868
Portland, OR 97201	Project Manager:	Grant V. Sprick
		Report Created: 04/11/07 14:22

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-01 (B-10)		**Water**			**Sampled: 03/21/07 12:00**					**RL3**
Acenaphthene	EPA 8270m	1.18	----	0.0383	ug/l	4x	7031022	03/27/07 12:25	04/05/07 04:10	
Benzo (a) anthracene	"	0.0376	----	0.00957	"	2x	"	"	04/07/07 02:26	
Acenaphthylene	"	ND	----	0.383	"	4x	"	"	04/05/07 04:10	RL1
Benzo (a) pyrene	"	0.0329	----	0.00957	"	2x	"	"	04/07/07 02:26	
Anthracene	"	ND	----	0.153	"	4x	"	"	04/05/07 04:10	RL1
Benzo (b) fluoranthene	"	0.0403	----	0.00957	"	2x	"	"	04/07/07 02:26	
Benzo (k) fluoranthene	"	0.0329	----	0.00957	"	"	"	"	"	
Chrysene	"	0.0510	----	0.00957	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	0.0121	----	0.00957	"	"	"	"	"	
Benzo (ghi) perylene	"	0.0420	----	0.0383	"	4x	"	"	04/05/07 04:10	
Indeno (1,2,3-cd) pyrene	"	0.0335	----	0.00957	"	2x	"	"	04/07/07 02:26	
Fluoranthene	"	0.236	----	0.0383	"	4x	"	"	04/05/07 04:10	
Fluorene	"	6.81	----	0.0383	"	"	"	"	"	
Naphthalene	"	ND	----	3.44	"	"	"	"	"	RL1
Phenanthrene	"	2.83	----	0.0383	"	"	"	"	"	
Pyrene	"	0.416	----	0.0383	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12		*43.4%*		*10 - 125 %*		*2x*			*04/07/07 02:26*	
Fluorene-d10		*89.2%*		*25 - 125 %*		*4x*			*04/05/07 04:10*	
Pyrene-d10		*108%*		*25 - 150 %*		"			"	
Benzo (a) pyrene-d12		*46.6%*		*10 - 125 %*		"			"	
PQC0858-02 (B-21)		**Water**			**Sampled: 03/21/07 10:35**					
Acenaphthene	EPA 8270m	1.87	----	0.0976	ug/l	10x	7031022	03/27/07 12:25	04/05/07 04:42	
Benzo (a) anthracene	"	0.00839	----	0.00488	"	1x	"	"	04/07/07 02:56	
Acenaphthylene	"	ND	----	0.585	"	10x	"	"	04/05/07 04:42	RL1
Benzo (a) pyrene	"	0.00665	----	0.00488	"	1x	"	"	04/07/07 02:56	
Anthracene	"	ND	----	0.146	"	10x	"	"	04/05/07 04:42	RL1
Benzo (b) fluoranthene	"	0.00618	----	0.00488	"	1x	"	"	04/07/07 02:56	
Benzo (k) fluoranthene	"	ND	----	0.00488	"	"	"	"	"	
Chrysene	"	0.0172	----	0.00488	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.00488	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.00976	"	"	"	"	04/04/07 06:06	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.00488	"	"	"	"	04/07/07 02:56	
Fluoranthene	"	ND	----	0.0976	"	10x	"	"	04/05/07 04:42	RL1
Fluorene	"	11.2	----	0.0976	"	"	"	"	"	
Naphthalene	"	ND	----	2.63	"	"	"	"	"	RL1
Phenanthrene	"	4.77	----	0.0976	"	"	"	"	"	
Pyrene	"	0.142	----	0.00976	"	1x	"	"	04/04/07 06:06	
Surrogate(s): Benzo (a) pyrene-d12		*61.7%*		*10 - 125 %*		"			*04/07/07 02:56*	
Fluorene-d10		*60.0%*		*25 - 125 %*		*10x*			*04/05/07 04:42*	

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0858-02	**(B-21)**		**Water**			**Sampled: 03/21/07 10:35**					
	Pyrene-d10		*130%*			*23 - 150 %*	*1x*			*04/04/07 06:06*	
	Benzo (a) pyrene-d12		*63.2%*			*10 - 125 %*	"			"	
PQC0858-03	**(BD-3)**		**Water**			**Sampled: 03/21/07 12:06**					**RL3**
Acenaphthene		EPA 8270m	**1.06**	---	0.0485	ug/l	5x	7031022	03/27/07 12:25	04/05/07 05:14	
Benzo (a) anthracene		"	**0.0580**	---	0.00971	"	2x	"	"	04/07/07 03:27	
Acenaphthylene		"	ND	---	0.291	"	5x	"	"	04/05/07 05:14	**RL1**
Benzo (a) pyrene		"	**0.0606**	---	0.00971	"	2x	"	"	04/07/07 03:27	
Anthracene		"	ND	---	0.194	"	5x	"	"	04/05/07 05:14	**RL1**
Benzo (b) fluoranthene		"	**0.0578**	---	0.00971	"	2x	"	"	04/07/07 03:27	
Benzo (k) fluoranthene		"	**0.0677**	---	0.00971	"	"	"	"	"	
Chrysene		"	**0.0846**	---	0.00971	"	"	"	"	"	
Dibenzo (a,h) anthracene		"	**0.0216**	---	0.00971	"	"	"	"	"	
Benzo (ghi) perylene		"	**0.0643**	---	0.0485	"	5x	"	"	04/05/07 05:14	
Indeno (1,2,3-cd) pyrene		"	**0.0545**	---	0.00971	"	2x	"	"	04/07/07 03:27	
Fluoranthene		"	**0.275**	---	0.0485	"	5x	"	"	04/05/07 05:14	
Fluorene		"	**5.26**	---	0.0485	"	"	"	"	"	
Naphthalene		"	ND	---	2.43	"	"	"	"	"	**RL1**
Phenanthrene		"	**1.80**	---	0.0485	"	"	"	"	"	
Pyrene		"	**0.440**	---	0.0485	"	"	"	"	"	
Surrogate(s):	*Benzo (a) pyrene-d12*		*42.9%*			*10 - 125 %*	*2x*			*04/07/07 03:27*	
	Fluorene-d10		*65.5%*			*25 - 125 %*	*5x*			*04/05/07 05:14*	
	Pyrene-d10		*86.0%*			*23 - 150 %*	"			"	
	Benzo (a) pyrene-d12		*41.9%*			*10 - 125 %*	"			"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030990 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7030990-BLK1)								Extracted: 03/26/07 10:20						
Arsenic	EPA 6020	ND	--	0.0000360	mg/l	1x	--	--	--	--	--	--	03/28/07 07:02	
Barium	"	ND	--	0.000800	"	"	--	--	--	--	--	--	"	
Cadmium	"	ND	--	0.0000752	"	"	--	--	--	--	--	--	"	
Chromium	"	ND	--	0.000800	"	"	--	--	--	--	--	--	"	
Copper	"	ND	--	0.00160	"	"	--	--	--	--	--	--	"	
Lead	"	ND	--	0.000432	"	"	--	--	--	--	--	--	"	
Manganese	"	ND	--	0.00160	"	"	--	--	--	--	--	--	"	
Silver	"	ND	--	0.0000960	"	"	--	--	--	--	--	--	"	
LCS (7030990-BS1)								Extracted: 03/26/07 10:20						
Arsenic	EPA 6020	0.0812	--	0.000800	mg/l	1x	--	0.100	81.2%	(80-120)	--	--	03/28/07 07:10	
Barium	"	0.0931	--	0.000800	"	"	--	"	93.1%	"	--	--	"	
Cadmium	"	0.0878	--	0.000800	"	"	--	"	87.8%	"	--	--	"	
Chromium	"	0.0927	--	0.000800	"	"	--	"	92.7%	"	--	--	"	
Copper	"	0.0938	--	0.00160	"	"	--	"	93.8%	"	--	--	"	
Lead	"	0.0970	--	0.000800	"	"	--	"	97.0%	"	--	--	"	
Manganese	"	0.0932	--	0.00160	"	"	--	"	93.2%	"	--	--	"	
Silver	"	0.0515	--	0.000800	"	"	--	0.0500	103%	"	--	--	"	
Duplicate (7030990-DUP1)					QC Source: PQC0854-02			Extracted: 03/26/07 10:20						
Arsenic	EPA 6020	0.138	--	0.000800	mg/l	1x	0.129	--	--	--	6.74%	(20)	03/28/07 07:32	
Barium	"	0.164	--	0.000800	"	"	0.154	--	--	--	6.29%	"	"	
Cadmium	"	ND	--	0.000800	"	"	ND	--	--	--	NR	"	"	
Chromium	"	0.00105	--	0.000800	"	"	0.000896	--	--	--	15.8%	"	"	
Copper	"	ND	--	0.00160	"	"	ND	--	--	--	10.0%	"	"	
Lead	"	ND	--	0.000800	"	"	ND	--	--	--	1.18%	"	"	
Manganese	"	7.16	--	0.0160	"	10x	6.95	--	--	--	2.98%	"	03/28/07 12:55	
Silver	"	ND	--	0.000800	"	1x	ND	--	--	--	NR	"	03/28/07 07:32	
Matrix Spike (7030990-MS1)					QC Source: PQC0854-03			Extracted: 03/26/07 10:20						
Arsenic	EPA 6020	0.0926	--	0.000800	mg/l	1x	0.00722	0.100	85.4%	(75-125)	--	--	03/28/07 07:46	
Barium	"	0.190	--	0.000800	"	"	0.0973	"	92.7%	"	--	--	"	
Cadmium	"	0.0884	--	0.000800	"	"	0.000192	"	88.2%	"	--	--	"	
Chromium	"	0.0977	--	0.000800	"	"	0.000736	"	97.0%	"	--	--	"	
Copper	"	0.0890	--	0.00160	"	"	0.00170	"	87.3%	"	--	--	"	
Lead	"	0.0922	--	0.000800	"	"	0.00174	"	90.5%	"	--	--	"	
Manganese	"	0.732	--	0.00800	"	5x	0.654	"	78.0%	"	--	--	03/28/07 07:54	
Silver	"	0.0488	--	0.000800	"	1x	ND	0.0500	97.6%	"	--	--	03/28/07 07:46	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	Willbridge / Chevron #100-1868	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030990 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7030990-MS2)				QC Source: PQC0854-04				Extracted: 03/26/07 10:20						
Arsenic	EPA 6020	0.0935	—	0.000800	mg/l	1x	0.0121	0.100	81.4%	(75-125)	—	—	03/28/07 08:08	
Barium	"	0.191	—	0.000800	"	"	0.0940	"	97.0%	"	—	—	"	
Cadmium	"	0.0891	—	0.000800	"	"	0.000344	"	88.8%	"	—	—	"	
Chromium	"	0.0968	—	0.000800	"	"	0.00425	"	92.6%	"	—	—	"	
Copper	"	0.0950	—	0.00160	"	"	0.00696	"	88.0%	"	—	—	"	
Lead	"	0.0976	—	0.000800	"	"	0.00230	"	95.3%	"	—	—	"	
Manganese	"	2.77	—	0.0160	"	10x	2.60	"	170%	"	—	—	03/28/07 13:02	MHA
Silver	"	0.0506	—	0.000800	"	1x	ND	0.0500	101%	"	—	—	03/28/07 08:08	

QC Batch: 7031160 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031160-BLK1)								Extracted: 03/29/07 11:26						
Selenium	EPA 6020	ND	—	0.00160	mg/l	1x	—	—	—	—	—	—	03/31/07 13:50	
Zinc	"	ND	—	0.00400	"	"	—	—	—	—	—	—	"	
LCS (7031160-BS1)								Extracted: 03/29/07 11:26						
Selenium	EPA 6020	0.0469	—	0.00160	mg/l	1x	—	0.0500	93.8%	(80-120)	—	—	03/31/07 11:58	
Zinc	"	0.0915	—	0.00400	"	"	—	0.100	91.5%	"	—	—	"	
Duplicate (7031160-DUP1)				QC Source: PQC0915-01				Extracted: 03/29/07 11:26						
Selenium	EPA 6020	ND	—	0.00160	mg/l	1x	ND	—	—	—	NR	(20)	03/31/07 14:05	
Zinc	"	0.00851	—	0.00400	"	"	0.00827	—	—	—	2.86%	"	"	
Matrix Spike (7031160-MS1)				QC Source: PQC0915-02				Extracted: 03/29/07 11:26						
Selenium	EPA 6020	0.0463	—	0.00160	mg/l	1x	ND	0.0500	92.6%	(75-125)	—	—	03/31/07 14:28	
Zinc	"	0.114	—	0.00400	"	"	0.0329	0.100	81.1%	"	—	—	"	
Matrix Spike (7031160-MS2)				QC Source: PQC0915-03				Extracted: 03/29/07 11:26						
Selenium	EPA 6020	0.0460	—	0.00160	mg/l	1x	ND	0.0500	92.0%	(75-125)	—	—	03/31/07 14:58	
Zinc	"	0.0984	—	0.00400	"	"	0.00628	0.100	92.1%	"	—	—	"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Mercury by EPA Method 1631E - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7040043 **Water Preparation Method: EPA 1631**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7040043-BLK1)								Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	ND	---	0.00500	ug/l	1x	--	--	--	--	--	--	04/03/07 10:23	
LCS (7040043-BS1)								Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0513	---	0.00500	ug/l	1x	--	0.0500	103%	(85-115)	--	--	04/03/07 10:26	
LCS Dup (7040043-BSD1)								Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0511	---	0.00500	ug/l	1x	--	0.0500	102%	(85-115)	0.391%	(20)	04/03/07 10:29	
Duplicate (7040043-DUP1)					QC Source: PQC0805-01			Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	ND	---	0.00500	ug/l	1x	ND	--	--	--	NR	(20)	04/03/07 10:33	
Matrix Spike (7040043-MS1)					QC Source: PQC0805-01			Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0489	---	0.00500	ug/l	1x	ND	0.0500	97.8%	(71-125)	--	--	04/03/07 10:35	
Matrix Spike (7040043-MS2)					QC Source: PQC0805-09			Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0477	---	0.00500	ug/l	1x	ND	0.0500	95.4%	(71-125)	--	--	04/03/07 10:42	
Matrix Spike Dup (7040043-MSD1)					QC Source: PQC0805-01			Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0476	---	0.00500	ug/l	1x	ND	0.0500	95.2%	(71-125)	2.69%	(20)	04/03/07 10:39	
Matrix Spike Dup (7040043-MSD2)					QC Source: PQC0805-09			Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0482	---	0.00500	ug/l	1x	ND	0.0500	96.4%	(71-125)	1.04%	(20)	04/03/07 10:45	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030957 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7030957-BLK1)									Extracted: 03/26/07 08:04					
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	03/26/07 10:43	
Benzene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030957 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7030957-BLK1)							Extracted: 03/26/07 08:04							
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	---	---	---	---	---	---	03/26/07 10:43	
2-Hexanone	"	ND	---	10.0	"	"	---	---	---	---	---	---	"	
Isopropylbenzene	"	ND	---	2.00	"	"	---	---	---	---	---	---	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	---	---	---	---	---	---	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	---	---	---	---	---	---	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Methylene chloride	"	ND	---	5.00	"	"	---	---	---	---	---	---	"	
Naphthalene	"	ND	---	2.00	"	"	---	---	---	---	---	---	"	
n-Propylbenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Styrene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Tetrachloroethene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Toluene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Trichloroethene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
Vinyl chloride	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
o-Xylene	"	ND	---	1.00	"	"	---	---	---	---	---	---	"	
m,p-Xylene	"	ND	---	2.00	"	"	---	---	---	---	---	---	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*102%*		*Limits:*	*80-120%*	"						*03/26/07 10:43*	
	1,2-DCA-d4		*100%*			*80-120%*	"						"	
	Dibromofluoromethane		*99.5%*			*80-120%*	"						"	
	Toluene-d8		*108%*			*80-120%*	"						"	

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030957 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7030957-BS1)								Extracted: 03/26/07 08:04						
Acetone	EPA 8260B	41.2	—	25.0	ug/l	1x	--	40.0	103%	(56-141)	--	--	03/26/07 08:55	
Benzene	"	20.5	—	0.200	"	"	--	20.0	102%	(80-120)	--	--	"	
Bromobenzene	"	22.5	—	1.00	"	"	--	"	112%	(78-120)	--	--	"	
Bromochloromethane	"	21.6	—	1.00	"	"	--	"	108%	(76-121)	--	--	"	
Bromodichloromethane	"	22.4	—	1.00	"	"	--	"	112%	(84-127)	--	--	"	
Bromoform	"	17.4	—	1.00	"	"	--	"	87.0%	(55-134)	--	--	"	
Bromomethane	"	13.8	—	5.00	"	"	--	"	69.0%	(38-150)	--	--	"	
2-Butanone (MEK)	"	37.9	—	10.0	"	"	--	40.0	94.8%	(71-136)	--	--	"	
n-Butylbenzene	"	24.5	—	5.00	"	"	--	20.0	122%	(76-126)	--	--	"	
sec-Butylbenzene	"	21.8	—	1.00	"	"	--	"	109%	(64-129)	--	--	"	
tert-Butylbenzene	"	22.2	—	1.00	"	"	--	"	111%	(71-127)	--	--	"	
Carbon disulfide	"	34.7	—	10.0	"	"	--	40.0	86.8%	(58-120)	--	--	"	
Carbon tetrachloride	"	21.8	—	1.00	"	"	--	20.0	109%	(73-134)	--	--	"	
Chlorobenzene	"	22.4	—	1.00	"	"	--	"	112%	(80-124)	--	--	"	
Chloroethane	"	18.4	—	1.00	"	"	--	"	92.0%	(79-124)	--	--	"	
Chloroform	"	20.6	—	0.200	"	"	--	"	103%	(80-120)	--	--	"	
Chloromethane	"	15.0	—	5.00	"	"	--	"	75.0%	(47-146)	--	--	"	
2-Chlorotoluene	"	21.0	—	1.00	"	"	--	"	105%	(72-125)	--	--	"	
4-Chlorotoluene	"	21.7	—	1.00	"	"	--	"	108%	(77-124)	--	--	"	
1,2-Dibromo-3-chloropropane	"	18.3	—	5.00	"	"	--	"	91.5%	(73-134)	--	--	"	
Dibromochloromethane	"	19.8	—	1.00	"	"	--	"	99.0%	(69-138)	--	--	"	
1,2-Dibromoethane	"	21.8	—	1.00	"	"	--	"	109%	(80-122)	--	--	"	
Dibromomethane	"	21.1	—	1.00	"	"	--	"	106%	(80-120)	--	--	"	
1,2-Dichlorobenzene	"	20.0	—	1.00	"	"	--	"	100%	(80-113)	--	--	"	
1,3-Dichlorobenzene	"	21.2	—	1.00	"	"	--	"	106%	(76-123)	--	--	"	
1,4-Dichlorobenzene	"	20.7	—	1.00	"	"	--	"	104%	(73-120)	--	--	"	
Dichlorodifluoromethane	"	15.9	—	5.00	"	"	--	"	79.5%	(48-140)	--	--	"	
1,1-Dichloroethane	"	19.3	—	1.00	"	"	--	"	96.5%	(80-120)	--	--	"	
1,2-Dichloroethane	"	20.5	—	1.00	"	"	--	"	102%	(78-123)	--	--	"	
1,1-Dichloroethene	"	18.5	—	1.00	"	"	--	"	92.5%	(78-120)	--	--	"	
cis-1,2-Dichloroethene	"	20.8	—	1.00	"	"	--	"	104%	(80-120)	--	--	"	
trans-1,2-Dichloroethene	"	20.0	—	1.00	"	"	--	"	100%	"	--	--	"	
1,2-Dichloropropane	"	19.0	—	1.00	"	"	--	"	95.0%	(80-126)	--	--	"	
1,3-Dichloropropane	"	20.2	—	1.00	"	"	--	"	101%	(80-120)	--	--	"	
2,2-Dichloropropane	"	23.4	—	1.00	"	"	--	"	117%	(60-144)	--	--	"	
1,1-Dichloropropene	"	20.4	—	1.00	"	"	--	"	102%	(80-120)	--	--	"	
cis-1,3-Dichloropropene	"	20.5	—	1.00	"	"	--	"	102%	(80-125)	--	--	"	
trans-1,3-Dichloropropene	"	18.5	—	1.00	"	"	--	"	92.5%	(80-130)	--	--	"	
Ethylbenzene	"	22.2	—	1.00	"	"	--	"	111%	(80-120)	--	--	"	

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Sarah Rockwell, Project Manager

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ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**
111 SW Columbia Street - Suite 725	Project Number:	100-1868
Portland, OR 97201	Project Manager:	Grant V. Sprick

Report Created: 04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030957 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7030957-BS1)							Extracted: 03/26/07 08:04							
Hexachlorobutadiene	EPA 8260B	21.5	---	4.00	ug/l	1x	--	20.0	108%	(64-145)	--	--	03/26/07 08:55	
2-Hexanone	"	38.1	---	10.0	"	"	--	40.0	95.2%	(73-139)	--	--	"	
Isopropylbenzene	"	22.4	---	2.00	"	"	--	20.0	112%	(77-124)	--	--	"	
p-Isopropyltoluene	"	24.9	---	2.00	"	"	--	"	124%	(68-130)	--	--	"	
4-Methyl-2-pentanone	"	37.0	---	5.00	"	"	--	40.0	92.5%	(72-134)	--	--	"	
Methyl tert-butyl ether	"	21.4	---	1.00	"	"	--	20.0	107%	(80-129)	--	--	"	
Methylene chloride	"	18.6	---	5.00	"	"	--	"	93.0%	(80-120)	--	--	"	
Naphthalene	"	24.4	---	2.00	"	"	--	"	122%	(72-149)	--	--	"	
n-Propylbenzene	"	22.5	---	1.00	"	"	--	"	112%	(76-128)	--	--	"	
Styrene	"	21.9	---	1.00	"	"	--	"	110%	(72-127)	--	--	"	
1,1,1,2-Tetrachloroethane	"	23.3	---	1.00	"	"	--	"	116%	(69-138)	--	--	"	
1,1,2,2-Tetrachloroethane	"	19.5	---	1.00	"	"	--	"	97.5%	(73-128)	--	--	"	
Tetrachloroethene	"	23.2	---	1.00	"	"	--	"	116%	(80-124)	--	--	"	
Toluene	"	22.5	---	1.00	"	"	--	"	112%	"	--	--	"	
1,2,3-Trichlorobenzene	"	23.2	---	1.00	"	"	--	"	116%	(69-138)	--	--	"	
1,2,4-Trichlorobenzene	"	23.3	---	1.00	"	"	--	"	116%	(75-127)	--	--	"	
1,1,1-Trichloroethane	"	21.4	---	1.00	"	"	--	"	107%	(76-132)	--	--	"	
1,1,2-Trichloroethane	"	19.8	---	1.00	"	"	--	"	99.0%	(80-123)	--	--	"	
Trichloroethene	"	19.7	---	1.00	"	"	--	"	98.5%	(80-132)	--	--	"	
Trichlorofluoromethane	"	20.7	---	1.00	"	"	--	"	104%	(77-137)	--	--	"	
1,2,3-Trichloropropane	"	19.2	---	1.00	"	"	--	"	96.0%	(75-125)	--	--	"	
1,2,4-Trimethylbenzene	"	24.5	---	1.00	"	"	--	"	122%	(73-132)	--	--	"	
1,3,5-Trimethylbenzene	"	24.1	---	1.00	"	"	--	"	120%	(75-132)	--	--	"	
Vinyl chloride	"	18.1	---	1.00	"	"	--	"	90.5%	(76-133)	--	--	"	
o-Xylene	"	22.0	---	1.00	"	"	--	"	110%	(77-123)	--	--	"	
m,p-Xylene	"	44.6	---	2.00	"	"	--	40.0	112%	(72-127)	--	--	"	
Surrogate(s): *4-BFB*		*Recovery:* *108%*			*Limits: 80-120%*	"							*03/26/07 08:55*	
1,2-DCA-d4		*103%*			*80-120%*	"							"	
Dibromofluoromethane		*107%*			*80-120%*	"							"	
Toluene-d8		*116%*			*80-120%*	"							"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030957 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7030957-MS1)				QC Source: PQC0780-01				Extracted: 03/26/07 08:04						
Acetone	EPA 8260B	37.6	---	25.0	ug/l	1x	ND	40.0	94.0%	(59.9-143)	--	--	03/26/07 09:22	
Benzene	"	25.6	---	0.200	"	"	9.00	20.0	83.0%	(80-124)	--	--	"	
Bromobenzene	"	19.8	---	1.00	"	"	ND	"	99.0%	(80-121)	--	--	"	
Bromochloromethane	"	18.8	---	1.00	"	"	ND	"	94.0%	(80-129)	--	--	"	
Bromodichloromethane	"	19.0	---	1.00	"	"	ND	"	95.0%	(80-135)	--	--	"	
Bromoform	"	16.4	---	1.00	"	"	ND	"	82.0%	(69.4-131)	--	--	"	
Bromomethane	"	12.9	---	5.00	"	"	ND	"	64.5%	(31-155)	--	--	"	
2-Butanone (MEK)	"	32.8	---	10.0	"	"	ND	40.0	82.0%	(72.3-143)	--	--	"	
n-Butylbenzene	"	22.2	---	5.00	"	"	ND	20.0	111%	(70.8-140)	--	--	"	
sec-Butylbenzene	"	20.3	---	1.00	"	"	ND	"	102%	(72.5-134)	--	--	"	
tert-Butylbenzene	"	19.6	---	1.00	"	"	ND	"	98.0%	(72.3-132)	--	--	"	
Carbon disulfide	"	37.9	---	10.0	"	"	ND	40.0	94.8%	(40-167)	--	--	"	
Carbon tetrachloride	"	19.0	---	1.00	"	"	ND	20.0	95.0%	(78.8-129)	--	--	"	
Chlorobenzene	"	19.7	---	1.00	"	"	ND	"	98.5%	(72.9-134)	--	--	"	
Chloroethane	"	16.5	---	1.00	"	"	ND	"	82.5%	(79-126)	--	--	"	
Chloroform	"	17.8	---	0.200	"	"	ND	"	89.0%	(80-124)	--	--	"	
Chloromethane	"	14.0	---	5.00	"	"	ND	"	70.0%	(40-150)	--	--	"	
2-Chlorotoluene	"	18.5	---	1.00	"	"	ND	"	92.5%	(80-120)	--	--	"	
4-Chlorotoluene	"	19.3	---	1.00	"	"	ND	"	96.5%	(80-121)	--	--	"	
1,2-Dibromo-3-chloropropane	"	16.1	---	5.00	"	"	ND	"	80.5%	(58.5-143)	--	--	"	
Dibromochloromethane	"	17.2	---	1.00	"	"	ND	"	86.0%	(80-129)	--	--	"	
1,2-Dibromoethane	"	19.1	---	1.00	"	"	ND	"	95.5%	(80-128)	--	--	"	
Dibromomethane	"	18.0	---	1.00	"	"	ND	"	90.0%	(76.4-131)	--	--	"	
1,2-Dichlorobenzene	"	18.2	---	1.00	"	"	ND	"	91.0%	(80-120)	--	--	"	
1,3-Dichlorobenzene	"	19.5	---	1.00	"	"	ND	"	97.5%	(80-122)	--	--	"	
1,4-Dichlorobenzene	"	19.3	---	1.00	"	"	ND	"	96.5%	(80-120)	--	--	"	
Dichlorodifluoromethane	"	18.0	---	5.00	"	"	ND	"	90.0%	(63.2-134)	--	--	"	
1,1-Dichloroethane	"	17.1	---	1.00	"	"	ND	"	85.5%	(80-123)	--	--	"	
1,2-Dichloroethane	"	18.0	---	1.00	"	"	ND	"	90.0%	(80-121)	--	--	"	
1,1-Dichloroethene	"	17.7	---	1.00	"	"	ND	"	88.5%	(79.3-127)	--	--	"	
cis-1,2-Dichloroethene	"	17.8	---	1.00	"	"	ND	"	89.0%	(76.6-136)	--	--	"	
trans-1,2-Dichloroethene	"	17.9	---	1.00	"	"	ND	"	89.5%	(80-120)	--	--	"	
1,2-Dichloropropane	"	16.9	---	1.00	"	"	ND	"	84.5%	"	--	--	"	
1,3-Dichloropropane	"	17.6	---	1.00	"	"	ND	"	88.0%	(80-132)	--	--	"	
2,2-Dichloropropane	"	20.4	---	1.00	"	"	ND	"	102%	(74.8-143)	--	--	"	
1,1-Dichloropropene	"	17.8	---	1.00	"	"	ND	"	89.0%	(80-123)	--	--	"	
cis-1,3-Dichloropropene	"	18.7	---	1.00	"	"	ND	"	93.5%	(80-130)	--	--	"	
trans-1,3-Dichloropropene	"	17.0	---	1.00	"	"	ND	"	85.0%	(80-135)	--	--	"	
Ethylbenzene	"	19.2	---	1.00	"	"	ND	"	96.0%	(80-124)	--	--	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030957 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7030957-MS1)					QC Source: PQC0780-01				Extracted: 03/26/07 08:04					
Hexachlorobutadiene	EPA 8260B	19.8	---	4.00	ug/l	1x	ND	20.0	99.0%	(46.3-157)	--	--	03/26/07 09:22	
2-Hexanone	"	33.8	---	10.0	"	"	ND	40.0	84.5%	(62.7-152)	--	--	"	
Isopropylbenzene	"	19.2	---	2.00	"	"	ND	20.0	96.0%	(80-129)	--	--	"	
p-Isopropyltoluene	"	21.7	---	2.00	"	"	ND	"	108%	(71.9-138)	--	--	"	
4-Methyl-2-pentanone	"	34.0	---	5.00	"	"	ND	40.0	85.0%	(58.7-151)	--	--	"	
Methyl tert-butyl ether	"	18.4	---	1.00	"	"	ND	20.0	92.0%	(80-130)	--	--	"	
Methylene chloride	"	16.2	---	5.00	"	"	ND	"	81.0%	(80-120)	--	--	"	
Naphthalene	"	23.1	---	2.00	"	"	0.370	"	114%	(69-163)	--	--	"	
n-Propylbenzene	"	19.9	---	1.00	"	"	ND	"	99.5%	(74.3-133)	--	--	"	
Styrene	"	20.2	---	1.00	"	"	ND	"	101%	(47.7-152)	--	--	"	
1,1,1,2-Tetrachloroethane	"	20.2	---	1.00	"	"	ND	"	101%	(80-129)	--	--	"	
1,1,2,2-Tetrachloroethane	"	18.8	---	1.00	"	"	ND	"	94.0%	(78.9-146)	--	--	"	
Tetrachloroethene	"	20.2	---	1.00	"	"	ND	"	101%	(80-125)	--	--	"	
Toluene	"	19.8	---	1.00	"	"	0.520	"	96.4%	(79.7-131)	--	--	"	
1,2,3-Trichlorobenzene	"	21.1	---	1.00	"	"	ND	"	106%	(70.1-154)	--	--	"	
1,2,4-Trichlorobenzene	"	21.4	---	1.00	"	"	ND	"	107%	(71.2-148)	--	--	"	
1,1,1-Trichloroethane	"	18.7	---	1.00	"	"	ND	"	93.5%	(80-127)	--	--	"	
1,1,2-Trichloroethane	"	17.8	---	1.00	"	"	ND	"	89.0%	(80-130)	--	--	"	
Trichloroethene	"	17.5	---	1.00	"	"	ND	"	87.5%	(68.4-136)	--	--	"	
Trichlorofluoromethane	"	18.8	---	1.00	"	"	ND	"	94.0%	(79.1-129)	--	--	"	
1,2,3-Trichloropropane	"	17.4	---	1.00	"	"	ND	"	87.0%	(80-131)	--	--	"	
1,2,4-Trimethylbenzene	"	21.9	---	1.00	"	"	ND	"	110%	(80-136)	--	--	"	
1,3,5-Trimethylbenzene	"	21.2	---	1.00	"	"	ND	"	106%	(73.4-141)	--	--	"	
Vinyl chloride	"	16.8	---	1.00	"	"	ND	"	84.0%	(73.1-132)	--	--	"	
o-Xylene	"	19.3	---	1.00	"	"	ND	"	96.5%	(85.5-124)	--	--	"	
m,p-Xylene	"	39.2	---	2.00	"	"	ND	40.0	98.0%	(76.2-134)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*95.0%*		*Limits: 80-120%*	"							*03/26/07 09:22*	
	1,2-DCA-d4		*93.0%*		*80-120%*	"							"	
	Dibromofluoromethane		*94.0%*		*80-120%*	"							"	
	Toluene-d8		*102%*		*80-120%*	"							"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030957 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7030957-MSD1)				QC Source: PQC0780-01				Extracted: 03/26/07 08:04						
Acetone	EPA 8260B	36.3	—	25.0	ug/l	1x	ND	40.0	90.8%	(59.9-143)	3.52%	(25)	03/26/07 09:49	
Benzene	"	24.7	—	0.200	"	"	9.00	20.0	78.5%	(80-124)	3.58%	"	"	M8
Bromobenzene	"	19.2	—	1.00	"	"	ND	"	96.0%	(80-121)	3.08%	"	"	
Bromochloromethane	"	18.0	—	1.00	"	"	ND	"	90.0%	(80-129)	4.35%	"	"	
Bromodichloromethane	"	18.4	—	1.00	"	"	ND	"	92.0%	(80-135)	3.21%	"	"	
Bromoform	"	15.7	—	1.00	"	"	ND	"	78.5%	(69.4-151)	4.36%	"	"	
Bromomethane	"	12.8	—	5.00	"	"	ND	"	64.0%	(31-155)	0.778%	"	"	
2-Butanone (MEK)	"	32.2	—	10.0	"	"	ND	40.0	80.5%	(72.3-143)	1.85%	"	"	
n-Butylbenzene	"	21.0	—	5.00	"	"	ND	20.0	105%	(70.8-140)	5.56%	"	"	
sec-Butylbenzene	"	19.5	—	1.00	"	"	ND	"	97.5%	(72.5-134)	4.02%	"	"	
tert-Butylbenzene	"	18.9	—	1.00	"	"	ND	"	94.5%	(72.3-132)	3.64%	"	"	
Carbon disulfide	"	36.0	—	10.0	"	"	ND	40.0	90.0%	(40-167)	5.14%	"	"	
Carbon tetrachloride	"	18.0	—	1.00	"	"	ND	20.0	90.0%	(78.8-129)	5.41%	"	"	
Chlorobenzene	"	19.0	—	1.00	"	"	ND	"	95.0%	(72.9-134)	3.62%	"	"	
Chloroethane	"	16.1	—	1.00	"	"	ND	"	80.5%	(79-126)	2.45%	"	"	
Chloroform	"	17.2	—	0.200	"	"	ND	"	86.0%	(80-124)	3.43%	"	"	
Chloromethane	"	13.3	—	5.00	"	"	ND	"	66.5%	(40-150)	3.13%	"	"	
2-Chlorotoluene	"	18.0	—	1.00	"	"	ND	"	90.0%	(80-120)	2.74%	"	"	
4-Chlorotoluene	"	18.6	—	1.00	"	"	ND	"	93.0%	(80-121)	3.69%	"	"	
1,2-Dibromo-3-chloropropane	"	15.8	—	5.00	"	"	ND	"	79.0%	(58.5-143)	1.88%	"	"	
Dibromochloromethane	"	16.4	—	1.00	"	"	ND	"	82.0%	(80-129)	4.76%	"	"	
1,2-Dibromoethane	"	18.6	—	1.00	"	"	ND	"	93.0%	(80-128)	2.65%	"	"	
Dibromomethane	"	17.4	—	1.00	"	"	ND	"	87.0%	(76.4-131)	3.39%	"	"	
1,2-Dichlorobenzene	"	17.7	—	1.00	"	"	ND	"	88.5%	(80-120)	2.79%	"	"	
1,3-Dichlorobenzene	"	18.6	—	1.00	"	"	ND	"	93.0%	(80-122)	4.72%	"	"	
1,4-Dichlorobenzene	"	18.6	—	1.00	"	"	ND	"	93.0%	(80-120)	3.69%	"	"	
Dichlorodifluoromethane	"	17.3	—	5.00	"	"	ND	"	86.5%	(63.2-134)	3.97%	"	"	
1,1-Dichloroethane	"	16.4	—	1.00	"	"	ND	"	82.0%	(80-123)	4.18%	"	"	
1,2-Dichloroethane	"	17.4	—	1.00	"	"	ND	"	87.0%	(80-121)	3.39%	"	"	
1,1-Dichloroethene	"	16.6	—	1.00	"	"	ND	"	83.0%	(79.3-127)	8.41%	"	"	
cis-1,2-Dichloroethene	"	17.1	—	1.00	"	"	ND	"	85.5%	(76.6-136)	4.01%	"	"	
trans-1,2-Dichloroethene	"	16.8	—	1.00	"	"	ND	"	84.0%	(80-120)	6.34%	"	"	
1,2-Dichloropropane	"	16.4	—	1.00	"	"	ND	"	82.0%	"	3.00%	"	"	
1,3-Dichloropropane	"	17.2	—	1.00	"	"	ND	"	86.0%	(80-132)	2.30%	"	"	
2,2-Dichloropropane	"	19.2	—	1.00	"	"	ND	"	96.0%	(74.8-143)	6.06%	"	"	
1,1-Dichloropropene	"	17.0	—	1.00	"	"	ND	"	85.0%	(80-123)	4.60%	"	"	
cis-1,3-Dichloropropene	"	18.1	—	1.00	"	"	ND	"	90.5%	(80-130)	3.26%	"	"	
trans-1,3-Dichloropropene	"	16.5	—	1.00	"	"	ND	"	82.5%	(80-135)	2.99%	"	"	
Ethylbenzene	"	18.6	—	1.00	"	"	ND	"	93.0%	(80-124)	3.17%	"	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030957 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7030957-MSD1)				QC Source: PQC0780-01				Extracted: 03/26/07 08:04						
Hexachlorobutadiene	EPA 8260B	18.2	—	4.00	ug/l	1x	ND	20.0	91.0%	(46.3-157)	8.42%	(25)	03/26/07 09:49	
2-Hexanone	"	32.5	—	10.0	"	"	ND	40.0	81.2%	(62.7-152)	3.92%	"	"	
Isopropylbenzene	"	18.4	—	2.00	"	"	ND	20.0	92.0%	(80-129)	4.26%	"	"	
p-Isopropyltoluene	"	20.9	—	2.00	"	"	ND	"	104%	(71.9-138)	3.76%	"	"	
4-Methyl-2-pentanone	"	33.2	—	5.00	"	"	ND	40.0	83.0%	(58.7-151)	2.38%	"	"	
Methyl tert-butyl ether	"	17.8	—	1.00	"	"	ND	20.0	89.0%	(80-130)	3.31%	"	"	
Methylene chloride	"	15.7	—	5.00	"	"	ND	"	78.5%	(80-120)	3.13%	"	"	M8
Naphthalene	"	22.0	—	2.00	"	"	0.370	"	108%	(69-163)	4.88%	"	"	
n-Propylbenzene	"	19.1	—	1.00	"	"	ND	"	95.5%	(74.3-133)	4.10%	"	"	
Styrene	"	19.5	—	1.00	"	"	ND	"	97.5%	(47.7-152)	3.53%	"	"	
1,1,1,2-Tetrachloroethane	"	19.3	—	1.00	"	"	ND	"	96.5%	(80-129)	4.56%	"	"	
1,1,2,2-Tetrachloroethane	"	18.1	—	1.00	"	"	ND	"	90.5%	(78.9-146)	3.79%	"	"	
Tetrachloroethene	"	19.5	—	1.00	"	"	ND	"	97.5%	(80-125)	3.53%	"	"	
Toluene	"	19.1	—	1.00	"	"	0.520	"	92.9%	(79.7-131)	3.60%	"	"	
1,2,3-Trichlorobenzene	"	20.4	—	1.00	"	"	ND	"	102%	(70.1-154)	3.37%	"	"	
1,2,4-Trichlorobenzene	"	20.5	—	1.00	"	"	ND	"	102%	(71.2-148)	4.30%	"	"	
1,1,1-Trichloroethane	"	17.8	—	1.00	"	"	ND	"	89.0%	(80-127)	4.93%	"	"	
1,1,2-Trichloroethane	"	17.3	—	1.00	"	"	ND	"	86.5%	(80-130)	2.85%	"	"	
Trichloroethene	"	16.7	—	1.00	"	"	ND	"	83.5%	(68.4-130)	4.68%	"	"	
Trichlorofluoromethane	"	17.6	—	1.00	"	"	ND	"	88.0%	(79.1-129)	6.59%	"	"	
1,2,3-Trichloropropane	"	17.1	—	1.00	"	"	ND	"	85.5%	(80-131)	1.74%	"	"	
1,2,4-Trimethylbenzene	"	21.1	—	1.00	"	"	ND	"	106%	(80-136)	3.72%	"	"	
1,3,5-Trimethylbenzene	"	20.5	—	1.00	"	"	ND	"	102%	(73.4-141)	3.36%	"	"	
Vinyl chloride	"	16.0	—	1.00	"	"	ND	"	80.0%	(73.1-132)	4.88%	"	"	
o-Xylene	"	18.6	—	1.00	"	"	ND	"	93.0%	(85.5-124)	3.69%	"	"	
m,p-Xylene	"	38.0	—	2.00	"	"	ND	40.0	95.0%	(76.2-134)	3.11%	"	"	
Surrogate(s): 4-BFB		*Recovery: 95.5%*			*Limits: 80-120%*	"							*03/26/07 09:49*	
1,2-DCA-d4		*91.5%*			*80-120%*	"							"	
Dibromofluoromethane		*94.0%*			*80-120%*	"							"	
Toluene-d8		*102%*			*80-120%*	"							"	

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Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031021 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031021-BLK1)							Extracted: 03/27/07 07:33							
Acetone	EPA 8260B	ND	--	25.0	ug/l	1x	--	--	--	--	--	--	03/27/07 10:33	
Benzene	"	ND	--	0.200	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	--	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	--	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	--	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	--	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	--	0.200	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	--	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	--	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	--	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	--	1.00	"	"	--	--	--	--	--	--	"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031021 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031021-BLK1)								**Extracted: 03/27/07 07:33**						
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	03/27/07 10:33	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 94.5%*			*Limits: 80-120%*	"							*03/27/07 10:33*	
1,2-DCA-d4		*96.5%*			*80-120%*	"							"	
Dibromofluoromethane		*93.0%*			*80-120%*	"							"	
Toluene-d8		*101%*			*80-120%*	"							"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031021 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7031021-BS1)							Extracted: 03/27/07 07:33							
Acetone	EPA 8260B	37.5	---	25.0	ug/l	1x	--	40.0	93.8%	(56-141)	--	--	03/27/07 08:45	
Benzene	"	20.0	---	0.200	"	"	--	20.0	100%	(80-120)	--	--	"	
Bromobenzene	"	22.2	---	1.00	"	"	--	"	111%	(78-120)	--	--	"	
Bromochloromethane	"	21.8	---	1.00	"	"	--	"	109%	(76-121)	--	--	"	
Bromodichloromethane	"	21.6	---	1.00	"	"	--	"	108%	(84-127)	--	--	"	
Bromoform	"	16.5	---	1.00	"	"	--	"	82.5%	(55-134)	--	--	"	
Bromomethane	"	15.1	---	5.00	"	"	--	"	75.5%	(38-150)	--	--	"	
2-Butanone (MEK)	"	33.7	---	10.0	"	"	--	40.0	84.2%	(71-136)	--	--	"	
n-Butylbenzene	"	23.4	---	5.00	"	"	--	20.0	117%	(76-126)	--	--	"	
sec-Butylbenzene	"	20.7	---	1.00	"	"	--	"	104%	(64-129)	--	--	"	
tert-Butylbenzene	"	21.3	---	1.00	"	"	--	"	106%	(71-127)	--	--	"	
Carbon disulfide	"	32.6	---	10.0	"	"	--	40.0	81.5%	(58-120)	--	--	"	
Carbon tetrachloride	"	22.1	---	1.00	"	"	--	20.0	110%	(73-134)	--	--	"	
Chlorobenzene	"	21.8	---	1.00	"	"	--	"	109%	(80-124)	--	--	"	
Chloroethane	"	17.3	---	1.00	"	"	--	"	86.5%	(79-124)	--	--	"	
Chloroform	"	20.2	---	0.200	"	"	--	"	101%	(80-120)	--	--	"	
Chloromethane	"	14.2	---	5.00	"	"	--	"	71.0%	(47-146)	--	--	"	
2-Chlorotoluene	"	20.3	---	1.00	"	"	--	"	102%	(72-125)	--	--	"	
4-Chlorotoluene	"	20.6	---	1.00	"	"	--	"	103%	(77-124)	--	--	"	
1,2-Dibromo-3-chloropropane	"	16.1	---	5.00	"	"	--	"	80.5%	(73-134)	--	--	"	
Dibromochloromethane	"	19.4	---	1.00	"	"	--	"	97.0%	(69-138)	--	--	"	
1,2-Dibromoethane	"	21.5	---	1.00	"	"	--	"	108%	(80-122)	--	--	"	
Dibromomethane	"	20.7	---	1.00	"	"	--	"	104%	(80-120)	--	--	"	
1,2-Dichlorobenzene	"	19.7	---	1.00	"	"	--	"	98.5%	(80-113)	--	--	"	
1,3-Dichlorobenzene	"	20.8	---	1.00	"	"	--	"	104%	(76-123)	--	--	"	
1,4-Dichlorobenzene	"	20.2	---	1.00	"	"	--	"	101%	(73-120)	--	--	"	
Dichlorodifluoromethane	"	15.2	---	5.00	"	"	--	"	76.0%	(48-140)	--	--	"	
1,1-Dichloroethane	"	18.6	---	1.00	"	"	--	"	93.0%	(80-120)	--	--	"	
1,2-Dichloroethane	"	20.3	---	1.00	"	"	--	"	102%	(78-123)	--	--	"	
1,1-Dichloroethene	"	18.2	---	1.00	"	"	--	"	91.0%	(78-120)	--	--	"	
cis-1,2-Dichloroethene	"	20.4	---	1.00	"	"	--	"	102%	(80-120)	--	--	"	
trans-1,2-Dichloroethene	"	19.5	---	1.00	"	"	--	"	97.5%	"	--	--	"	
1,2-Dichloropropane	"	18.3	---	1.00	"	"	--	"	91.5%	(80-126)	--	--	"	
1,3-Dichloropropane	"	19.9	---	1.00	"	"	--	"	99.5%	(80-120)	--	--	"	
2,2-Dichloropropane	"	22.6	---	1.00	"	"	--	"	113%	(60-144)	--	--	"	
1,1-Dichloropropene	"	19.9	---	1.00	"	"	--	"	99.5%	(80-120)	--	--	"	
cis-1,3-Dichloropropene	"	19.5	---	1.00	"	"	--	"	97.5%	(80-125)	--	--	"	
trans-1,3-Dichloropropene	"	18.0	---	1.00	"	"	--	"	90.0%	(80-130)	--	--	"	
Ethylbenzene	"	21.2	---	1.00	"	"	--	"	106%	(80-120)	--	--	"	

TestAmerica - Portland, OR

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Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031021 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7031021-BS1)							Extracted: 03/27/07 07:33							
Hexachlorobutadiene	EPA 8260B	20.9	---	4.00	ug/l	1x	---	20.0	104%	(64-145)	---	---	03/27/07 08:45	
2-Hexanone	"	35.6	---	10.0	"	"	---	40.0	89.0%	(73-139)	---	---	"	
Isopropylbenzene	"	21.4	---	2.00	"	"	---	20.0	107%	(77-124)	---	---	"	
p-Isopropyltoluene	"	23.9	---	2.00	"	"	---	"	120%	(68-130)	---	---	"	
4-Methyl-2-pentanone	"	34.1	---	5.00	"	"	---	40.0	85.2%	(72-134)	---	---	"	
Methyl tert-butyl ether	"	20.6	---	1.00	"	"	---	20.0	103%	(80-129)	---	---	"	
Methylene chloride	"	18.3	---	5.00	"	"	---	"	91.5%	(80-120)	---	---	"	
Naphthalene	"	21.0	---	2.00	"	"	---	"	105%	(72-149)	---	---	"	
n-Propylbenzene	"	21.2	---	1.00	"	"	---	"	106%	(76-128)	---	---	"	
Styrene	"	20.4	---	1.00	"	"	---	"	102%	(72-127)	---	---	"	
1,1,1,2-Tetrachloroethane	"	22.8	---	1.00	"	"	---	"	114%	(69-138)	---	---	"	
1,1,2,2-Tetrachloroethane	"	18.8	---	1.00	"	"	---	"	94.0%	(77-128)	---	---	"	
Tetrachloroethene	"	23.3	---	1.00	"	"	---	"	116%	(80-124)	---	---	"	
Toluene	"	21.9	---	1.00	"	"	---	"	110%	"	---	---	"	
1,2,3-Trichlorobenzene	"	22.3	---	1.00	"	"	---	"	112%	(69-138)	---	---	"	
1,2,4-Trichlorobenzene	"	22.6	---	1.00	"	"	---	"	113%	(75-127)	---	---	"	
1,1,1-Trichloroethane	"	21.0	---	1.00	"	"	---	"	105%	(76-132)	---	---	"	
1,1,2-Trichloroethane	"	19.5	---	1.00	"	"	---	"	97.5%	(80-123)	---	---	"	
Trichloroethene	"	19.8	---	1.00	"	"	---	"	99.0%	(80-132)	---	---	"	
Trichlorofluoromethane	"	21.5	---	1.00	"	"	---	"	108%	(77-137)	---	---	"	
1,2,3-Trichloropropane	"	18.4	---	1.00	"	"	---	"	92.0%	(75-125)	---	---	"	
1,2,4-Trimethylbenzene	"	23.6	---	1.00	"	"	---	"	118%	(73-132)	---	---	"	
1,3,5-Trimethylbenzene	"	23.2	---	1.00	"	"	---	"	116%	(75-132)	---	---	"	
Vinyl chloride	"	16.9	---	1.00	"	"	---	"	84.5%	(76-133)	---	---	"	
o-Xylene	"	21.0	---	1.00	"	"	---	"	105%	(77-123)	---	---	"	
m,p-Xylene	"	42.5	---	2.00	"	"	---	40.0	106%	(72-127)	---	---	"	
Surrogate(s): 4-BFB		*Recovery: 100%*			*Limits: 80-120%*	"							*03/27/07 08:45*	
1,2-DCA-d4		*101%*			*80-120%*	"							"	
Dibromofluoromethane		*102%*			*80-120%*	"							"	
Toluene-d8		*108%*			*80-120%*	"							"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031021 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7031021-MS1)				QC Source: PQC0922-02				Extracted: 03/27/07 07:33						
Acetone	EPA 8260B	32.3	---	25.0	ug/l	1x	ND	40.0	80.8%	(59.9-145)	--	--	03/27/07 09:12	
Benzene	"	18.3	---	0.200	"	"	ND	20.0	91.5%	(80-124)	--	--	"	
Bromobenzene	"	20.3	---	1.00	"	"	ND	"	102%	(80-121)	--	--	"	
Bromochloromethane	"	19.5	---	1.00	"	"	ND	"	97.5%	(80-129)	--	--	"	
Bromodichloromethane	"	19.3	---	1.00	"	"	ND	"	96.5%	(80-135)	--	--	"	
Bromoform	"	16.7	---	1.00	"	"	ND	"	83.5%	(69.4-151)	--	--	"	
Bromomethane	"	14.7	---	5.00	"	"	ND	"	73.5%	(31-155)	--	--	"	
2-Butanone (MEK)	"	32.9	---	10.0	"	"	ND	40.0	82.2%	(72.3-143)	--	--	"	
n-Butylbenzene	"	22.7	---	5.00	"	"	ND	20.0	114%	(70.8-140)	--	--	"	
sec-Butylbenzene	"	20.8	---	1.00	"	"	ND	"	104%	(72.5-134)	--	--	"	
tert-Butylbenzene	"	20.2	---	1.00	"	"	ND	"	101%	(72.3-132)	--	--	"	
Carbon disulfide	"	36.3	---	10.0	"	"	ND	40.0	90.8%	(40-167)	--	--	"	
Carbon tetrachloride	"	20.5	---	1.00	"	"	ND	20.0	102%	(78.8-129)	--	--	"	
Chlorobenzene	"	20.5	---	1.00	"	"	ND	"	102%	(72.5-134)	--	--	"	
Chloroethane	"	16.7	---	1.00	"	"	ND	"	83.5%	(79-126)	--	--	"	
Chloroform	"	18.5	---	0.200	"	"	ND	"	92.5%	(80-124)	--	--	"	
Chloromethane	"	15.2	---	5.00	"	"	ND	"	76.0%	(40-150)	--	--	"	
2-Chlorotoluene	"	18.9	---	1.00	"	"	ND	"	94.5%	(80-120)	--	--	"	
4-Chlorotoluene	"	19.6	---	1.00	"	"	ND	"	98.0%	(80-121)	--	--	"	
1,2-Dibromo-3-chloropropane	"	15.9	---	5.00	"	"	ND	"	79.5%	(58.5-143)	--	--	"	
Dibromochloromethane	"	17.7	---	1.00	"	"	ND	"	88.5%	(80-129)	--	--	"	
1,2-Dibromoethane	"	20.1	---	1.00	"	"	ND	"	100%	(80-128)	--	--	"	
Dibromomethane	"	18.4	---	1.00	"	"	ND	"	92.0%	(76.4-131)	--	--	"	
1,2-Dichlorobenzene	"	19.0	---	1.00	"	"	ND	"	95.0%	(80-120)	--	--	"	
1,3-Dichlorobenzene	"	20.1	---	1.00	"	"	ND	"	100%	(80-122)	--	--	"	
1,4-Dichlorobenzene	"	20.3	---	1.00	"	"	ND	"	102%	(80-120)	--	--	"	
Dichlorodifluoromethane	"	18.9	---	5.00	"	"	ND	"	94.5%	(63.2-134)	--	--	"	
1,1-Dichloroethane	"	17.5	---	1.00	"	"	ND	"	87.5%	(80-123)	--	--	"	
1,2-Dichloroethane	"	19.1	---	1.00	"	"	ND	"	95.5%	(80-121)	--	--	"	
1,1-Dichloroethene	"	18.1	---	1.00	"	"	ND	"	90.5%	(79.3-127)	--	--	"	
cis-1,2-Dichloroethene	"	18.2	---	1.00	"	"	ND	"	91.0%	(76.6-136)	--	--	"	
trans-1,2-Dichloroethene	"	18.3	---	1.00	"	"	ND	"	91.5%	(80-120)	--	--	"	
1,2-Dichloropropane	"	17.1	---	1.00	"	"	ND	"	85.5%	"	--	--	"	
1,3-Dichloropropane	"	18.2	---	1.00	"	"	ND	"	91.0%	(80-132)	--	--	"	
2,2-Dichloropropane	"	20.7	---	1.00	"	"	ND	"	104%	(74.8-143)	--	--	"	
1,1-Dichloropropene	"	18.4	---	1.00	"	"	ND	"	92.0%	(80-123)	--	--	"	
cis-1,3-Dichloropropene	"	19.0	---	1.00	"	"	ND	"	95.0%	(80-130)	--	--	"	
trans-1,3-Dichloropropene	"	17.6	---	1.00	"	"	ND	"	88.0%	(80-135)	--	--	"	
Ethylbenzene	"	19.5	---	1.00	"	"	ND	"	97.5%	(80-124)	--	--	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031021 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7031021-MS1)					QC Source: PQC0912-02				Extracted: 03/27/07 07:33					
Hexachlorobutadiene	EPA 8260B	21.2	---	4.00	ug/l	1x	ND	20.0	106%	(46.3-157)	--	--	03/27/07 09:12	
2-Hexanone	"	33.2	---	10.0	"	"	ND	40.0	83.0%	(62.7-152)	--	--	"	
Isopropylbenzene	"	19.5	---	2.00	"	"	ND	20.0	97.5%	(80-129)	--	--	"	
p-Isopropyltoluene	"	22.6	---	2.00	"	"	ND	"	113%	(71.9-138)	--	--	"	
4-Methyl-2-pentanone	"	32.6	---	5.00	"	"	ND	40.0	81.5%	(58.7-151)	--	--	"	
Methyl tert-butyl ether	"	18.7	---	1.00	"	"	ND	20.0	93.5%	(80-130)	--	--	"	
Methylene chloride	"	17.1	---	5.00	"	"	ND	"	85.5%	(80-120)	--	--	"	
Naphthalene	"	21.5	---	2.00	"	"	ND	"	108%	(69-163)	--	--	"	
n-Propylbenzene	"	20.0	---	1.00	"	"	ND	"	100%	(74.3-133)	--	--	"	
Styrene	"	20.1	---	1.00	"	"	ND	"	100%	(47.7-152)	--	--	"	
1,1,1,2-Tetrachloroethane	"	21.2	---	1.00	"	"	ND	"	106%	(80-129)	--	--	"	
1,1,2,2-Tetrachloroethane	"	19.0	---	1.00	"	"	ND	"	95.0%	(78.9-146)	--	--	"	
Tetrachloroethene	"	21.6	---	1.00	"	"	ND	"	108%	(80-125)	--	--	"	
Toluene	"	20.0	---	1.00	"	"	ND	"	100%	(79.7-131)	--	--	"	
1,2,3-Trichlorobenzene	"	22.4	---	1.00	"	"	ND	"	112%	(70.1-154)	--	--	"	
1,2,4-Trichlorobenzene	"	22.4	---	1.00	"	"	ND	"	112%	(71.2-148)	--	--	"	
1,1,1-Trichloroethane	"	19.4	---	1.00	"	"	ND	"	97.0%	(80-127)	--	--	"	
1,1,2-Trichloroethane	"	18.2	---	1.00	"	"	ND	"	91.0%	(80-130)	--	--	"	
Trichloroethene	"	18.2	---	1.00	"	"	ND	"	91.0%	(68.4-130)	--	--	"	
Trichlorofluoromethane	"	20.1	---	1.00	"	"	ND	"	100%	(79.1-129)	--	--	"	
1,2,3-Trichloropropane	"	17.5	---	1.00	"	"	ND	"	87.5%	(80-131)	--	--	"	
1,2,4-Trimethylbenzene	"	22.7	---	1.00	"	"	ND	"	114%	(80-136)	--	--	"	
1,3,5-Trimethylbenzene	"	21.8	---	1.00	"	"	ND	"	109%	(73.4-141)	--	--	"	
Vinyl chloride	"	17.2	---	1.00	"	"	ND	"	86.0%	(73.1-132)	--	--	"	
o-Xylene	"	19.5	---	1.00	"	"	ND	"	97.5%	(85.5-124)	--	--	"	
m,p-Xylene	"	39.5	---	2.00	"	"	ND	40.0	98.8%	(76.2-134)	--	--	"	
Surrogate(s): *4-BFB*		*Recovery:* *91.0%*			*Limits:* *80-120%*	"							*03/27/07 09:12*	
1,2-DCA-d4			*90.5%*			*80-120%*	"						"	
Dibromofluoromethane			*92.0%*			*80-120%*	"						"	
Toluene-d8			*98.0%*			*80-120%*	"						"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031021 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7031021-MSD1)				QC Source: PQC0922-02				Extracted: 03/27/07 07:33						
Acetone	EPA 8260B	37.0	—	25.0	ug/l	1x	ND	40.0	92.5%	(59.9-143)	13.6%	(25)	03/27/07 09:39	
Benzene	"	21.7	—	0.200	"	"	ND	20.0	108%	(80-124)	17.0%	"	"	
Bromobenzene	"	23.9	—	1.00	"	"	ND	"	120%	(80-121)	16.3%	"	"	
Bromochloromethane	"	22.5	—	1.00	"	"	ND	"	112%	(80-129)	14.3%	"	"	
Bromodichloromethane	"	23.0	—	1.00	"	"	ND	"	115%	(80-135)	17.5%	"	"	
Bromoform	"	19.0	—	1.00	"	"	ND	"	95.0%	(69.4-151)	12.9%	"	"	
Bromomethane	"	17.9	—	5.00	"	"	ND	"	89.5%	(31-155)	19.6%	"	"	
2-Butanone (MEK)	"	38.4	—	10.0	"	"	ND	40.0	96.0%	(72.3-143)	15.4%	"	"	
n-Butylbenzene	"	26.0	—	5.00	"	"	ND	20.0	130%	(70.8-140)	13.6%	"	"	
sec-Butylbenzene	"	24.0	—	1.00	"	"	ND	"	120%	(72.5-134)	14.3%	"	"	
tert-Butylbenzene	"	23.3	—	1.00	"	"	ND	"	116%	(72.3-132)	14.3%	"	"	
Carbon disulfide	"	42.5	—	10.0	"	"	ND	40.0	106%	(40-167)	15.7%	"	"	
Carbon tetrachloride	"	24.2	—	1.00	"	"	ND	20.0	121%	(78.8-129)	16.6%	"	"	
Chlorobenzene	"	24.0	—	1.00	"	"	ND	"	120%	(72.9-134)	15.7%	"	"	
Chloroethane	"	20.0	—	1.00	"	"	ND	"	100%	(79-126)	18.0%	"	"	
Chloroform	"	21.8	—	0.200	"	"	ND	"	109%	(80-124)	16.4%	"	"	
Chloromethane	"	18.0	—	5.00	"	"	ND	"	90.0%	(40-150)	16.9%	"	"	
2-Chlorotoluene	"	22.0	—	1.00	"	"	ND	"	110%	(80-120)	15.2%	"	"	
4-Chlorotoluene	"	22.6	—	1.00	"	"	ND	"	113%	(80-121)	14.2%	"	"	
1,2-Dibromo-3-chloropropane	"	18.3	—	5.00	"	"	ND	"	91.5%	(58.5-143)	14.0%	"	"	
Dibromochloromethane	"	20.8	—	1.00	"	"	ND	"	104%	(80-129)	16.1%	"	"	
1,2-Dibromoethane	"	23.5	—	1.00	"	"	ND	"	118%	(80-128)	15.6%	"	"	
Dibromomethane	"	21.7	—	1.00	"	"	ND	"	109%	(76.4-131)	16.5%	"	"	
1,2-Dichlorobenzene	"	22.1	—	1.00	"	"	ND	"	110%	(80-120)	15.1%	"	"	
1,3-Dichlorobenzene	"	23.4	—	1.00	"	"	ND	"	117%	(80-122)	15.2%	"	"	
1,4-Dichlorobenzene	"	23.2	—	1.00	"	"	ND	"	116%	(80-120)	13.3%	"	"	
Dichlorodifluoromethane	"	22.4	—	5.00	"	"	ND	"	112%	(63.2-134)	16.9%	"	"	
1,1-Dichloroethane	"	20.7	—	1.00	"	"	ND	"	104%	(80-123)	16.8%	"	"	
1,2-Dichloroethane	"	22.3	—	1.00	"	"	ND	"	112%	(80-121)	15.5%	"	"	
1,1-Dichloroethene	"	21.4	—	1.00	"	"	ND	"	107%	(79.3-127)	16.7%	"	"	
cis-1,2-Dichloroethene	"	21.7	—	1.00	"	"	ND	"	108%	(76.6-136)	17.5%	"	"	
trans-1,2-Dichloroethene	"	21.5	—	1.00	"	"	ND	"	108%	(80-120)	16.1%	"	"	
1,2-Dichloropropane	"	20.3	—	1.00	"	"	ND	"	102%	"	17.1%	"	"	
1,3-Dichloropropene	"	21.3	—	1.00	"	"	ND	"	106%	(80-132)	15.7%	"	"	
2,2-Dichloropropane	"	24.6	—	1.00	"	"	ND	"	123%	(74.8-143)	17.2%	"	"	
1,1-Dichloropropene	"	21.6	—	1.00	"	"	ND	"	108%	(80-123)	16.0%	"	"	
cis-1,3-Dichloropropene	"	22.4	—	1.00	"	"	ND	"	112%	(80-130)	16.4%	"	"	
trans-1,3-Dichloropropene	"	20.8	—	1.00	"	"	ND	"	104%	(80-135)	16.7%	"	"	
Ethylbenzene	"	22.7	—	1.00	"	"	ND	"	114%	(80-124)	15.2%	"	"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031021 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7031021-MSD1)					QC Source: PQC0922-02				Extracted: 03/27/07 07:33					
Hexachlorobutadiene	EPA 8260B	23.9	---	4.00	ug/l	1x	ND	20.0	120%	(46.3-157)	12.0%	(25)	03/27/07 09:39	
2-Hexanone	"	37.7	---	10.0	"	"	ND	40.0	94.2%	(62.7-152)	12.7%	"	"	
Isopropylbenzene	"	22.6	---	2.00	"	"	ND	20.0	113%	(80-129)	14.7%	"	"	
p-Isopropyltoluene	"	26.0	---	2.00	"	"	ND	"	130%	(71.9-138)	14.0%	"	"	
4-Methyl-2-pentanone	"	37.7	---	5.00	"	"	ND	40.0	94.2%	(58.7-151)	14.5%	"	"	
Methyl tert-butyl ether	"	21.9	---	1.00	"	"	ND	20.0	110%	(80-130)	15.8%	"	"	
Methylene chloride	"	20.0	---	5.00	"	"	ND	"	100%	(80-120)	15.6%	"	"	
Naphthalene	"	25.2	---	2.00	"	"	ND	"	126%	(69-163)	15.8%	"	"	
n-Propylbenzene	"	23.1	---	1.00	"	"	ND	"	116%	(74.3-133)	14.4%	"	"	
Styrene	"	23.7	---	1.00	"	"	ND	"	118%	(47.7-152)	16.4%	"	"	
1,1,1,2-Tetrachloroethane	"	25.0	---	1.00	"	"	ND	"	125%	(80-129)	16.5%	"	"	
1,1,2,2-Tetrachloroethane	"	22.1	---	1.00	"	"	ND	"	110%	(78.9-146)	15.1%	"	"	
Tetrachloroethene	"	25.3	---	1.00	"	"	ND	"	126%	(80-125)	15.8%	"	"	M7
Toluene	"	23.7	---	1.00	"	"	ND	"	118%	(79.7-131)	16.9%	"	"	
1,2,3-Trichlorobenzene	"	25.6	---	1.00	"	"	ND	"	128%	(70.1-154)	13.3%	"	"	
1,2,4-Trichlorobenzene	"	25.9	---	1.00	"	"	ND	"	130%	(71.2-148)	14.5%	"	"	
1,1,1-Trichloroethane	"	22.8	---	1.00	"	"	ND	"	114%	(80-127)	16.1%	"	"	
1,1,2-Trichloroethane	"	21.6	---	1.00	"	"	ND	"	108%	(80-130)	17.1%	"	"	
Trichloroethene	"	21.4	---	1.00	"	"	ND	"	107%	(68.4-130)	16.2%	"	"	
Trichlorofluoromethane	"	23.0	---	1.00	"	"	ND	"	115%	(79.1-129)	13.5%	"	"	
1,2,3-Trichloropropane	"	20.4	---	1.00	"	"	ND	"	102%	(80-131)	15.3%	"	"	
1,2,4-Trimethylbenzene	"	26.0	---	1.00	"	"	ND	"	130%	(80-136)	13.6%	"	"	
1,3,5-Trimethylbenzene	"	25.2	---	1.00	"	"	ND	"	126%	(73.4-141)	14.5%	"	"	
Vinyl chloride	"	20.6	---	1.00	"	"	ND	"	103%	(73.1-132)	18.0%	"	"	
o-Xylene	"	22.6	---	1.00	"	"	ND	"	113%	(85.5-124)	14.7%	"	"	
m,p-Xylene	"	46.0	---	2.00	"	"	ND	40.0	115%	(76.2-134)	15.2%	"	"	
Surrogate(s): 4-BFB		*Recovery: 110%*			*Limits: 80-120%*	"							*03/27/07 09:39*	
1,2-DCA-d4		*110%*			*80-120%*	"							"	
Dibromofluoromethane		*111%*			*80-120%*	"							"	
Toluene-d8		*120%*			*80-120%*	"							"	

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Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**
111 SW Columbia Street - Suite 725	Project Number:	100-1868
Portland, OR 97201	Project Manager:	Grant V. Sprick
		Report Created: 04/11/07 14:22

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031022 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031022-BLK1)								Extracted: 03/27/07 12:25						
Benzo (a) anthracene	EPA 8270m	ND		0.00500	ug/l	1x							04/06/07 20:46	
Acenaphthene	"	ND		0.0100	"	"							03/30/07 16:46	
Acenaphthylene	"	ND		0.0100	"	"							"	
Benzo (a) pyrene	"	ND		0.00500	"	"							04/06/07 20:46	
Anthracene	"	ND		0.0100	"	"							03/30/07 16:46	
Benzo (b) fluoranthene	"	ND		0.00500	"	"							04/06/07 20:46	
Benzo (k) fluoranthene	"	ND		0.00500	"	"							"	
Chrysene	"	ND		0.00500	"	"							"	
Dibenzo (a,h) anthracene	"	ND		0.00500	"	"							"	
Indeno (1,2,3-cd) pyrene	"	ND		0.00500	"	"							"	
Benzo (ghi) perylene	"	ND		0.0100	"	"							03/30/07 16:46	
Fluoranthene	"	ND		0.0100	"	"							"	
Fluorene	"	ND		0.0100	"	"							"	
Naphthalene	"	ND		0.0100	"	"							"	
Phenanthrene	"	ND		0.0100	"	"							"	
Pyrene	"	ND		0.0100	"	"							"	
Benzo (a) pyrene-d12			*105%*			*10-125%*	"						*04/06/07 20:46*	
Fluorene-d10			*131%*			*25-125%*	"						*03/30/07 16:46*	Z2
Surrogate(s): Pyrene-d10		*Recovery:*	*150%*		*Limits:*	*23-150%*	"						*03/30/07 16:46*	
Benzo (a) pyrene-d12			*108%*			*10-125%*	"						"	
LCS (7031022-BS1)								Extracted: 03/27/07 12:25						
Acenaphthene	EPA 8270m	1.25		0.0200	ug/l	2x		1.25	100%	(35-120)			04/04/07 22:55	
Benzo (a) pyrene	"	1.37		0.0100	"	"		"	110%	(38-137)			04/07/07 00:23	
Acenaphthylene	"	1.25		0.0200	"	"		"	100%	(34-116)			04/04/07 22:55	
Anthracene	"	1.23		0.0200	"	"		"	98.4%	(24-119)			"	
Benzo (a) anthracene	"	1.39		0.0200	"	"		"	111%	(36-128)			"	
Benzo (a) pyrene	"	1.35		0.0200	"	"		"	108%	(17-128)			"	
Benzo (b) fluoranthene	"	1.42		0.0200	"	"		"	114%	(37-131)			"	
Benzo (ghi) perylene	"	1.36		0.0200	"	"		"	109%	(26-126)			"	
Benzo (k) fluoranthene	"	1.49		0.0200	"	"		"	119%	(18-145)			"	
Chrysene	"	1.40		0.0200	"	"		"	112%	(16-137)			"	
Dibenzo (a,h) anthracene	"	1.44		0.0200	"	"		"	115%	(20-141)			"	
Fluoranthene	"	1.44		0.0200	"	"		"	115%	(31-125)			"	
Fluorene	"	1.44		0.0200	"	"		"	115%	(27-124)			"	
Indeno (1,2,3-cd) pyrene	"	1.44		0.0200	"	"		"	115%	(30-135)			"	
Naphthalene	"	1.24		0.0200	"	"		"	99.2%	(30-113)			"	
Phenanthrene	"	1.37		0.0200	"	"		"	110%	(34-126)			"	
Pyrene	"	1.34		0.0200	"	"		"	107%	(21-141)			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 2405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031022 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7031022-BS1)								Extracted: 03/27/07 12:25						
Benzo (a) pyrene-d12		*90.4%*			*10-125%*	*2x*							*04/07/07 00:23*	
Fluorene-d10		*102%*			*25-125%*	"							*04/04/07 22:35*	
Surrogate(s): Pyrene-d10		*Recovery: 103%*			*Limits: 23-150%*	"							*04/04/07 22:35*	
Benzo (a) pyrene-d12		*94.4%*			*10-125%*	"							"	
Matrix Spike (7031022-MS1)					QC Source: PQC0923-03			Extracted: 03/27/07 12:25						
Acenaphthene	EPA 8270m	1.14	---	0.0493	ug/l	5x	0.0691	1.23	87.1%	(35-120)	--	--	04/03/07 20:43	
Acenaphthylene	"	1.21	---	0.0493	"	"	ND	"	98.4%	(34-116)	--	--	"	
Benzo (a) pyrene	"	1.17	---	0.0246	"	"	0.0222	"	93.3%	(38-137)	--	--	04/07/07 00:54	
Anthracene	"	0.984	---	0.0493	"	"	ND	"	80.0%	(24-119)	--	--	04/03/07 20:43	
Benzo (a) anthracene	"	1.22	---	0.0493	"	"	0.0215	"	97.4%	(22-129)	--	--	"	
Benzo (a) pyrene	"	1.20	---	0.0493	"	"	0.0219	"	95.8%	(4-112)	--	--	"	
Benzo (b) fluoranthene	"	1.24	---	0.0493	"	"	0.0146	"	99.6%	(0-136)	--	--	"	
Benzo (ghi) perylene	"	1.20	---	0.0493	"	"	0.0167	"	96.2%	(0-126)	--	--	"	
Benzo (k) fluoranthene	"	1.27	---	0.0493	"	"	0.0202	"	102%	(0-145)	--	--	"	
Chrysene	"	1.22	---	0.0493	"	"	0.0265	"	97.0%	(7-137)	--	--	"	
Dibenzo (a,h) anthracene	"	1.19	---	0.0493	"	"	ND	"	96.7%	(0-141)	--	--	"	
Fluoranthene	"	1.04	---	0.0493	"	"	0.0242	"	82.6%	(30-125)	--	--	"	
Fluorene	"	1.66	---	0.0493	"	"	0.200	"	119%	(27-124)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	1.21	---	0.0493	"	"	0.0136	"	97.3%	(0-135)	--	--	"	
Naphthalene	"	1.57	---	0.0493	"	"	ND	"	128%	(30-126)	--	--	"	M1
Phenanthrene	"	1.11	---	0.0493	"	"	0.201	"	73.9%	(34-126)	--	--	"	
Pyrene	"	1.32	---	0.0493	"	"	0.114	"	98.0%	(14-168)	--	--	"	
Benzo (a) pyrene-d12		*67.8%*			*10-125%*	"							*04/07/07 00:54*	
Fluorene-d10		*79.9%*			*25-125%*	"							*04/03/07 20:43*	
Surrogate(s): Pyrene-d10		*Recovery: 88.6%*			*Limits: 23-150%*	"							*04/03/07 20:43*	
Benzo (a) pyrene-d12		*73.1%*			*10-125%*	"							"	
Matrix Spike Dup (7031022-MSD1)					QC Source: PQC0923-03			Extracted: 03/27/07 12:25						
Acenaphthene	EPA 8270m	1.10	---	0.0498	ug/l	5x	0.0691	1.24	83.1%	(35-120)	4.70%	(50)	04/03/07 21:15	
Acenaphthylene	"	1.17	---	0.0498	"	"	ND	"	94.4%	(34-116)	4.15%	"	"	
Benzo (a) pyrene	"	1.14	---	0.0249	"	"	0.0222	"	90.1%	(38-137)	2.60%	(60)	04/07/07 01:25	
Anthracene	"	1.04	---	0.0498	"	"	ND	"	83.9%	(24-119)	4.76%	(50)	04/03/07 21:15	
Benzo (a) anthracene	"	1.20	---	0.0498	"	"	0.0215	"	95.0%	(22-129)	2.49%	"	"	
Benzo (a) pyrene	"	1.17	---	0.0498	"	"	0.0219	"	92.6%	(4-112)	3.40%	"	"	
Benzo (b) fluoranthene	"	1.20	---	0.0498	"	"	0.0146	"	95.6%	(0-136)	4.10%	"	"	
Benzo (ghi) perylene	"	1.18	---	0.0498	"	"	0.0167	"	93.8%	(0-126)	2.53%	"	"	
Benzo (k) fluoranthene	"	1.19	---	0.0498	"	"	0.0202	"	94.3%	(0-145)	7.85%	"	"	
Chrysene	"	1.21	---	0.0498	"	"	0.0265	"	95.4%	(7-137)	1.66%	"	"	
Dibenzo (a,h) anthracene	"	1.18	---	0.0498	"	"	ND	"	95.2%	(0-141)	1.56%	"	"	

TestAmerica - Portland, OR

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031022 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7031022-MSD1)					QC Source: PQC0923-03				Extracted: 03/27/07 12:25					
Fluoranthene	EPA 8270m	1.08	—	0.0498	ug/l	5x	0.0242	1.24	85.1%	(30-125)	2.98%	(50)	04/03/07 21:15	
Fluorene	"	1.50	—	0.0498	"	"	0.200	"	105%	(27-124)	12.5%	"	"	
Indeno (1,2,3-cd) pyrene	"	1.19	—	0.0498	"	"	0.0136	"	94.9%	(0-135)	2.50%	"	"	
Naphthalene	"	1.45	—	0.0498	"	"	ND	"	117%	(30-126)	8.98%	"	"	
Phenanthrene	"	1.12	—	0.0498	"	"	0.201	"	74.1%	(34-126)	0.270%	"	"	
Pyrene	"	1.30	—	0.0498	"	"	0.114	"	95.6%	(14-168)	2.48%	"	"	
Benzo (a) pyrene-d12			*63.1%*		*10-125%*	"							*04/07/07 01:25*	
Fluorene-d10			*70.9%*		*25-125%*	"							*04/03/07 21:15*	
Surrogate(s): Pyrene-d10	*Recovery:*		*84.7%*		*Limits: 23-150%*	"							*04/03/07 21:15*	
Benzo (a) pyrene-d12			*69.1%*		*10-125%*	"							"	

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Sarah Rockwell, Project Manager

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ARCADIS U.S., Inc	Project Name:	**Willbridge / Chevron #100-1868**	
111 SW Columbia Street - Suite 725	Project Number:	100-1868	Report Created:
Portland, OR 97201	Project Manager:	Grant V. Sprick	04/11/07 14:22

Notes and Definitions

Report Specific Notes:

M1	-	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	-	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	-	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
MHA	-	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
RL1	-	Reporting limit raised due to sample matrix effects.
RL3	-	Reporting limit raised due to high concentrations of non-target analytes.
RL7	-	Sample required dilution due to high concentrations of target analyte.
Z2	-	Surrogate recovery was above the acceptance limits. Data not impacted.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

REMEDIAL INVESTIGATION (R1)

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: PQC0858

CLIENT: ARCADIS BBL

REPORT TO: GRANT V. SPRICK
ADDRESS: 111 SW COLUMBIA ST STE 725
PORTLAND OR 97201
PHONE: 503 220 8201 FAX: 503 220 8209

INVOICE TO: DARIN ROUSE

P.O. NUMBER:

PROJECT NAME: WILLBRIDGE TERMINAL
PROJECT NUMBER: 100 1868
SAMPLED BY: E. McDONNELL

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analyses: 10 (STD) 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: 5 (STD) 4 3 2 1 <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE: H — N H

REQUESTED ANALYSES: * * * *

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME		RBCA VOCs 8260B MTBE	8270C PAH	TOTAL METALS	LOW LEVEL MERCURY	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1	B-10	3/21/07	12:00	3	2	1	1	W	7		
2	B-21	"	10:35	3	2	1	1	W	7		
3	BD-3	"	12:06	3	2	1	1	W	7		
4	~~TB~~ TRIP BLANK #178	—	—	2				W	2		
5											
6											
7											
8											
9											
10											

RELEASED BY: [signature] DATE: 3/21/07
PRINT NAME: TIMOTHY SAUTTER FIRM: ARCADIS BBL TIME: 16:30

RECEIVED BY: [signature] DATE: 3/21/07
PRINT NAME: Bob F FIRM: TAP TIME: 16:30

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE: Lab
PRINT NAME: FIRM: TIME: 17:35

ADDITIONAL REMARKS: * LOW DETECTION LIMITS ON ALL ANALYTES (PORTLAND HARBOR)

TEMP: 10.3 PAGE OF

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project.
Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

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TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)
Date: 3/21/08
Time: 16:30
Initials: JG

Logged-in By:
Date: 3/22
Initials: SM

Unpacked/Labeled By:
Date: 3/22
Initials: SM

Cooler ID: 282 (___ of ___)
Work Order No. PQ0858
Client: BBL
Project: Willbridge Term.

Container Type:
X Cooler
___ Box
___ None/Other _____

COC Seals:
___ Ship. Container
___ On Bottles
X None
_____ Sign By
_____ Date

Packing Material _____
___ Bubble Bags ___ Styrofoam
___ Foam Packs
X None/Other Other _____

Refrigerant:
___ Gel Ice Pack _____
X Loose Ice
___ None/Other _____
___ None

Received Via: Bill# _____
___ Fed Ex ___ Client
___ UPS X NCA Courier
___ DHL ___ Mid Valley
___ Senvoy ___ TDP
___ GS ___ Other _____

Cooler Temperature (IR): 10.3°C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? ____°C or (NA)

Trip Blank? Y or N or (NA)

Sample Containers:		ID			ID
Intact?	(Y) or N		Metals Preserved?	(Y) or N or NA	
Provided by NCA?	(Y) or N		Client QAPP Preserved?	Y or N or (NA)	
Correct Type?	(Y) or N		Adequate Volume? (for tests requested)	(Y) or N	
#Containers match COC?	(Y) or N		Water VOAs: Headspace?	Y or N or (NA)	
IDs/time/date match COC?	(Y) or N		Comments:		
Hold Times in hold?	(Y) or N				

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments, Problems _____

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ___/___ (Date / Time)

PM Initials: _____ Date: _____ Time: _____

rev 3 09/12/05

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

April 06, 2007

Tim Browning
Delta Environmental Consultants - Tigard
7150 SW Hampton - Suite 220
Tigard, OR 97223

RE: Willbridge / Kindermorgan

Enclosed are the results of analyses for samples received by the laboratory on 03/22/07 17:45. The following list is a summary of the Work Orders contained in this report, generated on 04/06/07 15:24.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PQC0917	Willbridge / Kindermorgan	PTWB

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8	PQC0917-01	Water	03/22/07 16:00	03/22/07 17:45
MW-25	PQC0917-02	Water	03/22/07 15:30	03/22/07 17:45
MW-26	PQC0917-03	Water	03/22/07 15:00	03/22/07 17:45

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0917-01RE1 (MW-8)		**Water**			**Sampled: 03/22/07 16:00**					
Benzene	EPA 8260B	ND	—	0.200	ug/l	1x	7031145	03/29/07 09:35	03/30/07 01:12	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*95.0%*		*80 - 120 %*	"			"	
	1,2-DCA-d4		*90.5%*		*80 - 120 %*	"			"	
	Dibromofluoromethane		*90.5%*		*80 - 120 %*	"			"	
	Toluene-d8		*100%*		*80 - 120 %*	"			"	
PQC0917-02 (MW-25)		**Water**			**Sampled: 03/22/07 15:30**					
Benzene	EPA 8260B	ND	—	0.200	ug/l	1x	7031063	03/27/07 12:55	03/28/07 01:20	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*97.0%*		*80 - 120 %*	"			"	
	1,2-DCA-d4		*89.5%*		*80 - 120 %*	"			"	
	Dibromofluoromethane		*89.5%*		*80 - 120 %*	"			"	
	Toluene-d8		*100%*		*80 - 120 %*	"			"	
PQC0917-03 (MW-26)		**Water**			**Sampled: 03/22/07 15:00**					
Benzene	EPA 8260B	ND	—	0.200	ug/l	1x	7031063	03/27/07 12:55	03/28/07 01:47	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	0.600	—	0.500	"	"	"	"	"	
Xylenes (total)	"	2.35	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*104%*		*80 - 120 %*	"			"	
	1,2-DCA-d4		*96.0%*		*80 - 120 %*	"			"	
	Dibromofluoromethane		*96.5%*		*80 - 120 %*	"			"	
	Toluene-d8		*109%*		*80 - 120 %*	"			"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0917-01 (MW-8)		Water			Sampled: 03/22/07 16:00					
Acenaphthene	EPA 8270m	**0.0292**	—	0.0196	ug/l	1x	7031090	03/28/07 17:50	04/05/07 05:46	
Acenaphthylene	"	ND	—	0.0196	"	"	"	"	"	
Anthracene	"	ND	—	0.0196	"	"	"	"	"	
Benzo (a) anthracene	"	ND	—	0.0196	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0196	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0196	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0196	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0196	"	"	"	"	"	
Chrysene	"	ND	—	0.0196	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0196	"	"	"	"	"	
Fluoranthene	"	ND	—	0.0196	"	"	"	"	"	
Fluorene	"	ND	—	0.0196	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0196	"	"	"	"	"	
Naphthalene	"	ND	—	0.314	"	"	"	"	"	RL1
Phenanthrene	"	ND	—	0.0196	"	"	"	"	"	
Pyrene	"	ND	—	0.0196	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*100%*		*25 - 125 %*	"			"	
Pyrene-d10			*115%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*84.9%*		*10 - 125 %*	"			"	
PQC0917-02 (MW-25)		Water			Sampled: 03/22/07 15:30					
Acenaphthene	EPA 8270m	**0.175**	—	0.0196	ug/l	1x	7031090	03/28/07 17:50	04/05/07 06:18	
Acenaphthylene	"	ND	—	0.0196	"	"	"	"	"	
Anthracene	"	ND	—	0.0196	"	"	"	"	"	
Benzo (a) anthracene	"	ND	—	0.0196	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0196	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0196	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0196	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0196	"	"	"	"	"	
Chrysene	"	ND	—	0.0196	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0196	"	"	"	"	"	
Fluoranthene	"	ND	—	0.0196	"	"	"	"	"	
Fluorene	"	ND	—	0.0196	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0196	"	"	"	"	"	
Naphthalene	"	ND	—	0.382	"	"	"	"	"	RL1
Phenanthrene	"	ND	—	0.0294	"	"	"	"	"	RL1
Pyrene	"	**0.0537**	—	0.0196	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*101%*		*25 - 125 %*	"			"	
Pyrene-d10			*118%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*90.6%*		*10 - 125 %*	"			"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

FORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0917-03 (MW-26)		**Water**			**Sampled: 03/22/07 15:00**					**RL3**
Acenaphthene	EPA 8270m	**0.431**	—	0.0980	ug/l	5x	7031090	03/28/07 17:50	04/05/07 17:23	
Acenaphthylene	"	ND	—	0.0980	"	"	"	"	"	
Anthracene	"	ND	—	0.0980	"	"	"	"	"	
Benzo (a) anthracene	"	ND	—	0.0980	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0980	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0980	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0980	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0980	"	"	"	"	"	
Chrysene	"	ND	—	0.0980	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0980	"	"	"	"	"	
Fluoranthene	"	**0.133**	—	0.0980	"	"	"	"	"	
Fluorene	"	**0.372**	—	0.0980	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0980	"	"	"	"	"	
Naphthalene	"	ND	—	1.96	"	"	"	"	"	**RL1**
Phenanthrene	"	**0.331**	—	0.0980	"	"	"	"	"	
Pyrene	"	ND	—	0.0980	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*			*71.5%*		*25 - 125 %*	"			"	
Pyrene-d10			*69.0%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*67.8%*		*10 - 125 %*	"			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

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7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Total Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL[A]	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0917-01 (MW-8)		Water			Sampled: 03/22/07 16:00					
Arsenic	EPA 6020	**0.00208**	—	0.00100	mg/l	1x	7C28050	03/28/07 15:35	03/29/07 16:41	
Barium	"	**0.0205**	—	0.0100	"	"	"	"	"	
Cadmium	"	ND	—	0.00100	"	"	"	"	"	
Chromium	"	ND	—	0.00100	"	"	"	"	"	
Copper	"	ND	—	0.00100	"	"	"	"	"	
Lead	"	ND	—	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	—	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 15:19	
Selenium	EPA 6020	ND	—	0.00100	"	"	7C28050	03/28/07 15:35	03/29/07 16:41	
Silver	"	ND	—	0.00100	"	"	"	"	"	
Zinc	"	**0.0138**	—	0.0100	"	"	"	"	"	
PQC0917-02 (MW-25)		Water			Sampled: 03/22/07 15:30					
Arsenic	EPA 6020	**0.0468**	—	0.00100	mg/l	1x	7C28050	03/28/07 15:35	03/29/07 16:47	
Barium	"	**0.0771**	—	0.0100	"	"	"	"	"	
Cadmium	"	ND	—	0.00100	"	"	"	"	"	
Chromium	"	**0.00288**	—	0.00100	"	"	"	"	"	
Copper	"	**0.00393**	—	0.00100	"	"	"	"	"	
Lead	"	**0.00452**	—	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	—	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 15:22	
Selenium	EPA 6020	ND	—	0.00100	"	"	7C28050	03/28/07 15:35	03/29/07 16:47	
Silver	"	ND	—	0.00100	"	"	"	"	"	
Zinc	"	**0.0162**	—	0.0100	"	"	"	"	"	
PQC0917-03 (MW-26)		Water			Sampled: 03/22/07 15:00					
Arsenic	EPA 6020	**0.0438**	—	0.00100	mg/l	1x	7C28050	03/28/07 15:35	03/29/07 16:52	
Barium	"	**0.0710**	—	0.0100	"	"	"	"	"	
Cadmium	"	ND	—	0.00100	"	"	"	"	"	
Chromium	"	ND	—	0.00100	"	"	"	"	"	
Copper	"	ND	—	0.00100	"	"	"	"	"	
Lead	"	ND	—	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	—	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 15:24	
Selenium	EPA 6020	ND	—	0.00100	"	"	7C28050	03/28/07 15:35	03/29/07 16:52	
Silver	"	ND	—	0.00100	"	"	"	"	"	
Zinc	"	**0.0135**	—	0.0100	"	"	"	"	"	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031063 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL^	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031063-BLK1)								Extracted: 03/27/07 12:55						
1,2-Dibromoethane	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	03/27/07 17:44	
1,2-Dichloroethane	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Benzene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 95.0%*			*Limits: 80-120%*	"							*03/27/07 17:44*	
1,2-DCA-d4		*92.0%*			*80-120%*	"							"	
Dibromofluoromethane		*92.0%*			*80-120%*	"							"	
Toluene-d8		*101%*			*80-120%*	"							"	
LCS (7031063-BS1)								Extracted: 03/27/07 12:55						
1,2-Dibromoethane	EPA 8260B	21.4	---	0.500	ug/l	1x	--	20.0	107%	(80-140)	--	--	03/27/07 15:56	
1,2-Dichloroethane	"	19.4	---	0.500	"	"	--	"	97.0%	(75-135)	--	--	"	
Benzene	"	20.2	---	0.200	"	"	--	"	101%	(80-120)	--	--	"	
Toluene	"	21.8	---	0.500	"	"	--	"	109%	(80-125)	--	--	"	
Ethylbenzene	"	22.0	---	0.500	"	"	--	"	110%	(80-130)	--	--	"	
Xylenes (total)	"	65.7	---	1.00	"	"	--	60.0	110%	"	--	--	"	
Methyl tert-butyl ether	"	20.7	---	2.00	"	"	--	20.0	104%	(80-135)	--	--	"	
Naphthalene	"	21.6	---	2.00	"	"	--	"	108%	(60-150)	--	--	"	
1,2,4-Trimethylbenzene	"	24.3	---	1.00	"	"	--	"	122%	(75-125)	--	--	"	
1,3,5-Trimethylbenzene	"	23.6	---	0.500	"	"	--	"	118%	(75-135)	--	--	"	
Isopropylbenzene	"	21.9	---	2.00	"	"	--	"	110%	(80-140)	--	--	"	
n-Propylbenzene	"	21.9	---	0.500	"	"	--	"	110%	(80-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 102%*			*Limits: 80-120%*	"							*03/27/07 15:56*	
1,2-DCA-d4		*95.0%*			*80-120%*	"							"	
Dibromofluoromethane		*98.0%*			*80-120%*	"							"	
Toluene-d8		*106%*			*80-120%*	"							"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031063 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7031063-MS1)				QC Source: PQC0854-01				Extracted: 03/27/07 12:55						
1,2-Dibromoethane	EPA 8260B	19.7	---	0.500	ug/l	1x	ND	20.0	98.5%	(75-140)	--	--	03/27/07 16:23	
1,2-Dichloroethane	"	19.4	---	0.500	"	"	1.13	"	91.4%	(79-130)	--	--	"	
Benzene	"	18.6	---	0.200	"	"	ND	"	93.0%	(80-125)	--	--	"	
Toluene	"	20.0	---	0.500	"	"	ND	"	100%	(65-135)	--	--	"	
Ethylbenzene	"	20.0	---	0.500	"	"	ND	"	100%	(80-125)	--	--	"	
Xylenes (total)	"	60.6	---	1.00	"	"	ND	60.0	101%	(70-130)	--	--	"	
Methyl tert-butyl ether	"	18.9	---	2.00	"	"	ND	20.0	94.5%	(70-150)	--	--	"	
Naphthalene	"	21.5	---	2.00	"	"	ND	"	108%	(55-145)	--	--	"	
1,2,4-Trimethylbenzene	"	22.8	---	1.00	"	"	ND	"	114%	(80-136)	--	--	"	
1,3,5-Trimethylbenzene	"	22.1	---	0.500	"	"	ND	"	110%	(70-140)	--	--	"	
Isopropylbenzene	"	19.8	---	2.00	"	"	ND	"	99.0%	(60-135)	--	--	"	
n-Propylbenzene	"	20.4	---	0.500	"	"	ND	"	102%	(70-135)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*97.5%*		*Limits:*	*80-120%*	"						*03/27/07 16:23*	
	1,2-DCA-d4		*91.0%*			*80-120%*	"						"	
	Dibromofluoromethane		*93.0%*			*80-120%*	"						"	
	Toluene-d8		*102%*			*80-120%*	"						"	
Matrix Spike Dup (7031063-MSD1)				QC Source: PQC0854-01				Extracted: 03/27/07 12:55						
1,2-Dibromoethane	EPA 8260B	19.6	---	0.500	ug/l	1x	ND	20.0	98.0%	(75-140)	0.509%	(25)	03/27/07 16:50	
1,2-Dichloroethane	"	19.3	---	0.500	"	"	1.13	"	90.8%	(79-130)	0.517%	"	"	
Benzene	"	18.7	---	0.200	"	"	ND	"	93.5%	(80-125)	0.536%	"	"	
Toluene	"	20.3	---	0.500	"	"	ND	"	102%	(65-135)	1.49%	"	"	
Ethylbenzene	"	20.0	---	0.500	"	"	ND	"	100%	(80-125)	0.00%	"	"	
Xylenes (total)	"	60.4	---	1.00	"	"	ND	60.0	101%	(70-130)	0.331%	"	"	
Methyl tert-butyl ether	"	18.7	---	2.00	"	"	ND	20.0	93.5%	(70-150)	1.06%	"	"	
Naphthalene	"	21.0	---	2.00	"	"	ND	"	105%	(55-145)	2.35%	"	"	
1,2,4-Trimethylbenzene	"	22.7	---	1.00	"	"	ND	"	114%	(80-136)	0.440%	"	"	
1,3,5-Trimethylbenzene	"	22.0	---	0.500	"	"	ND	"	110%	(70-140)	0.454%	"	"	
Isopropylbenzene	"	19.7	---	2.00	"	"	ND	"	98.5%	(60-135)	0.506%	"	"	
n-Propylbenzene	"	20.2	---	0.500	"	"	ND	"	101%	(70-135)	0.985%	"	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*98.5%*		*Limits:*	*80-120%*	"						*03/27/07 16:50*	
	1,2-DCA-d4		*92.5%*			*80-120%*	"						"	
	Dibromofluoromethane		*94.5%*			*80-120%*	"						"	
	Toluene-d8		*103%*			*80-120%*	"						"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031145 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL^	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031145-BLK1)									Extracted: 03/29/07 09:35					
1,2-Dibromoethane	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	03/29/07 20:16	
1,2-Dichloroethane	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Benzene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 107%*			*Limits: 80-120%*	"							*03/29/07 20:16*	
1,2-DCA-d4		*106%*			*80-120%*	"							"	
Dibromofluoromethane		*104%*			*80-120%*	"							"	
Toluene-d8		*116%*			*80-120%*	"							"	
LCS (7031145-BS1)									Extracted: 03/29/07 09:35					
1,2-Dibromoethane	EPA 8260B	19.9	---	0.500	ug/l	1x	--	20.0	99.5%	(80-140)	--	--	03/29/07 18:29	
1,2-Dichloroethane	"	18.3	---	0.500	"	"	--	"	91.5%	(75-135)	--	--	"	
Benzene	"	19.0	---	0.200	"	"	--	"	95.0%	(80-120)	--	--	"	
Toluene	"	20.4	---	0.500	"	"	--	"	102%	(80-125)	--	--	"	
Ethylbenzene	"	20.3	---	0.500	"	"	--	"	102%	(80-130)	--	--	"	
Xylenes (total)	"	60.8	---	1.00	"	"	--	60.0	101%	"	--	--	"	
Methyl tert-butyl ether	"	19.1	---	2.00	"	"	--	20.0	95.5%	(80-135)	--	--	"	
Naphthalene	"	18.2	---	2.00	"	"	--	"	91.0%	(60-150)	--	--	"	
1,2,4-Trimethylbenzene	"	22.2	---	1.00	"	"	--	"	111%	(75-125)	--	--	"	
1,3,5-Trimethylbenzene	"	22.0	---	0.500	"	"	--	"	110%	(75-135)	--	--	"	
Isopropylbenzene	"	20.3	---	2.00	"	"	--	"	102%	(80-140)	--	--	"	
n-Propylbenzene	"	20.1	---	0.500	"	"	--	"	100%	(80-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 95.0%*			*Limits: 80-120%*	"							*03/29/07 18:29*	
1,2-DCA-d4		*90.0%*			*80-120%*	"							"	
Dibromofluoromethane		*92.5%*			*80-120%*	"							"	
Toluene-d8		*100%*			*80-120%*	"							"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**
7150 SW Hampton - Suite 220	Project Number:	PTWB
Tigard, OR 97223	Project Manager:	Tim Browning
		Report Created: 04/06/07 15:24

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031145 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7031145-MS1)				QC Source: PQC1066-02				Extracted: 03/29/07 09:35						
1,2-Dibromoethane	EPA 8260B	21.9	---	0.500	ug/l	1x	ND	20.0	110%	(75-140)	--	--	03/29/07 18:56	
1,2-Dichloroethane	"	20.2	---	0.500	"	"	ND	"	101%	(79-130)	--	--	"	
Benzene	"	21.0	---	0.200	"	"	ND	"	105%	(80-125)	--	--	"	
Toluene	"	22.6	---	0.500	"	"	ND	"	113%	(65-135)	--	--	"	
Ethylbenzene	"	22.1	---	0.500	"	"	ND	"	110%	(80-125)	--	--	"	
Xylenes (total)	"	66.9	---	1.00	"	"	ND	60.0	112%	(70-130)	--	--	"	
Methyl tert-butyl ether	"	20.6	---	2.00	"	"	ND	20.0	103%	(70-150)	--	--	"	
Naphthalene	"	21.0	---	2.00	"	"	ND	"	105%	(55-145)	--	--	"	
1,2,4-Trimethylbenzene	"	25.2	---	1.00	"	"	ND	"	126%	(60-136)	--	--	"	
1,3,5-Trimethylbenzene	"	24.5	---	0.500	"	"	ND	"	122%	(70-140)	--	--	"	
Isopropylbenzene	"	21.9	---	2.00	"	"	ND	"	110%	(60-135)	--	--	"	
n-Propylbenzene	"	22.6	---	0.500	"	"	ND	"	113%	(70-135)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*111%*		*Limits: 80-120%*	"							*03/29/07 18:56*	
	1,2-DCA-d4		*102%*		*80-120%*	"							"	
	Dibromofluoromethane		*106%*		*80-120%*	"							"	
	Toluene-d8		*116%*		*80-120%*	"							"	
Matrix Spike Dup (7031145-MSD1)				QC Source: PQC1066-02				Extracted: 03/29/07 09:35						
1,2-Dibromoethane	EPA 8260B	19.7	---	0.500	ug/l	1x	ND	20.0	98.5%	(75-140)	10.6%	(25)	03/29/07 19:22	
1,2-Dichloroethane	"	18.1	---	0.500	"	"	ND	"	90.5%	(79-130)	11.0%	"	"	
Benzene	"	18.8	---	0.200	"	"	ND	"	94.0%	(80-125)	11.1%	"	"	
Toluene	"	20.2	---	0.500	"	"	ND	"	101%	(65-135)	11.2%	"	"	
Ethylbenzene	"	20.2	---	0.500	"	"	ND	"	101%	(80-125)	8.98%	"	"	
Xylenes (total)	"	61.6	---	1.00	"	"	ND	60.0	103%	(70-130)	8.25%	"	"	
Methyl tert-butyl ether	"	18.5	---	2.00	"	"	ND	20.0	92.5%	(70-150)	10.7%	"	"	
Naphthalene	"	19.5	---	2.00	"	"	ND	"	97.5%	(55-145)	7.41%	"	"	
1,2,4-Trimethylbenzene	"	23.3	---	1.00	"	"	ND	"	116%	(80-136)	7.84%	"	"	
1,3,5-Trimethylbenzene	"	22.5	---	0.500	"	"	ND	"	112%	(70-140)	8.51%	"	"	
Isopropylbenzene	"	20.2	---	2.00	"	"	ND	"	101%	(60-135)	8.08%	"	"	
n-Propylbenzene	"	20.7	---	0.500	"	"	ND	"	104%	(70-135)	8.78%	"	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*101%*		*Limits: 80-120%*	"							*03/29/07 19:22*	
	1,2-DCA-d4		*93.0%*		*80-120%*	"							"	
	Dibromofluoromethane		*96.0%*		*80-120%*	"							"	
	Toluene-d8		*104%*		*80-120%*	"							"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031090 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031090-BLK1)								Extracted: 03/28/07 17:50						
Acenaphthene	EPA 8270m	ND	---	0.0200	ug/l	1x	--	--	--	--	--	--	04/04/07 20:16	
Acenaphthylene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 105%*			*Limits: 25-125%*	"							*04/04/07 20:16*	
Pyrene-d10		*113%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*97.2%*			*10-125%*	"							"	
LCS (7031090-BS1)								Extracted: 03/28/07 17:50						
Acenaphthene	EPA 8270m	2.13	---	0.0400	ug/l	2x	--	2.50	85.2%	(35-120)	--	--	04/05/07 06:50	
Acenaphthylene	"	2.10	---	0.0400	"	"	--	"	84.0%	(34-116)	--	--	"	
Anthracene	"	2.25	---	0.0400	"	"	--	"	90.0%	(24-119)	--	--	"	
Benzo (a) anthracene	"	2.49	---	0.0400	"	"	--	"	99.6%	(36-128)	--	--	"	
Benzo (a) pyrene	"	2.43	---	0.0400	"	"	--	"	97.2%	(17-128)	--	--	"	
Benzo (b) fluoranthene	"	2.62	---	0.0400	"	"	--	"	105%	(37-131)	--	--	"	
Benzo (ghi) perylene	"	2.62	---	0.0400	"	"	--	"	105%	(26-126)	--	--	"	
Benzo (k) fluoranthene	"	2.23	---	0.0400	"	"	--	"	89.2%	(18-145)	--	--	"	
Chrysene	"	2.50	---	0.0400	"	"	--	"	100%	(16-137)	--	--	"	
Dibenzo (a,h) anthracene	"	2.77	---	0.0400	"	"	--	"	111%	(20-141)	--	--	"	
Fluoranthene	"	2.33	---	0.0400	"	"	--	"	93.2%	(31-125)	--	--	"	
Fluorene	"	2.57	---	0.0400	"	"	--	"	103%	(27-124)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	2.80	---	0.0400	"	"	--	"	112%	(30-135)	--	--	"	
Naphthalene	"	2.18	---	0.0400	"	"	--	"	87.2%	(30-113)	--	--	"	
Phenanthrene	"	2.40	---	0.0400	"	"	--	"	96.0%	(34-126)	--	--	"	
Pyrene	"	2.82	---	0.0400	"	"	--	"	113%	(21-141)	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 99.6%*			*Limits: 25-125%*	"							*04/05/07 06:50*	
Pyrene-d10		*110%*			*23-150%*	"							"	

TestAmerica - Portland, OR

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Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031090 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7031090-BS1)													Extracted: 03/28/07 17:50	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 91.6%*			*Limits: 10-125%*	*2x*							*04/05/07 06:50*	
LCS Dup (7031090-BSD1)													Extracted: 03/28/07 17:50	
Acenaphthene	EPA 8270m	2.47	---	0.0400	ug/l	2x	--	2.50	98.8%	(35-120)	14.8%	(50)	04/05/07 14:47	
Acenaphthylene	"	2.45	---	0.0400	"	"	--	"	98.0%	(34-116)	15.4%	"	"	
Anthracene	"	2.48	---	0.0400	"	"	--	"	99.2%	(24-119)	9.73%	"	"	
Benzo (a) anthracene	"	2.72	---	0.0400	"	"	--	"	109%	(36-128)	9.02%	"	"	
Benzo (a) pyrene	"	2.63	---	0.0400	"	"	--	"	105%	(37-128)	7.72%	"	"	
Benzo (b) fluoranthene	"	2.72	---	0.0400	"	"	--	"	109%	(37-131)	3.74%	"	"	
Benzo (ghi) perylene	"	2.88	---	0.0400	"	"	--	"	115%	(26-126)	9.09%	"	"	
Benzo (k) fluoranthene	"	2.78	---	0.0400	"	"	--	"	111%	(18-145)	21.8%	"	"	
Chrysene	"	2.79	---	0.0400	"	"	--	"	112%	(16-137)	11.3%	"	"	
Dibenzo (a,h) anthracene	"	2.98	---	0.0400	"	"	--	"	119%	(20-141)	6.96%	"	"	
Fluoranthene	"	2.90	---	0.0400	"	"	--	"	116%	(31-125)	21.8%	"	"	
Fluorene	"	3.00	---	0.0400	"	"	--	"	120%	(27-124)	15.2%	"	"	
Indeno (1,2,3-cd) pyrene	"	3.04	---	0.0400	"	"	--	"	122%	(30-135)	8.55%	"	"	
Naphthalene	"	2.34	---	0.0400	"	"	--	"	93.6%	(30-113)	7.08%	"	"	
Phenanthrene	"	2.68	---	0.0400	"	"	--	"	107%	(34-126)	10.8%	"	"	
Pyrene	"	2.72	---	0.0400	"	"	--	"	109%	(21-141)	3.60%	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 116%*			*Limits: 25-125%*	"							*04/05/07 14:47*	
Pyrene-d10		*109%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*96.4%*			*10-125%*	"							"	

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Sarah Rockwell, Project Manager

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FORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7C28050 **Water Preparation Method: EPA 3020A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7C28050-BLK1)								Extracted: 03/28/07 15:35						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	03/29/07 15:35	
Selenium	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"	
Chromium	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"	
Zinc	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Cadmium	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"	
Copper	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"	
Arsenic	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"	
Silver	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"	
Barium	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
LCS (7C28050-BS1)								Extracted: 03/28/07 15:35						
Selenium	EPA 6020	0.0752	---	0.00100	mg/l	1x	--	0.0800	94.0%	(80-120)	--	--	03/29/07 15:41	
Barium	"	0.0869	---	0.0100	"	"	--	"	109%	"	--	--	"	
Arsenic	"	0.0830	---	0.00100	"	"	--	"	104%	"	--	--	"	
Silver	"	0.0929	---	0.00100	"	"	--	"	116%	"	--	--	"	
Cadmium	"	0.0857	---	0.00100	"	"	--	"	107%	"	--	--	"	
Lead	"	0.0806	---	0.00100	"	"	--	"	101%	"	--	--	"	
Copper	"	0.0915	---	0.00100	"	"	--	"	114%	"	--	--	"	
Chromium	"	0.0887	---	0.00100	"	"	--	"	111%	"	--	--	"	
Zinc	"	0.0824	---	0.0100	"	"	--	"	103%	"	--	--	"	
Duplicate (7C28050-DUP1)					QC Source: PQC0917-01			Extracted: 03/28/07 15:35						
Chromium	EPA 6020	ND	---	0.00100	mg/l	1x	ND	--	--	--	4.76%	(20)	03/29/07 15:59	R4
Zinc	"	0.0140	---	0.0100	"	"	0.0138	--	--	--	1.44%	"	"	
Selenium	"	ND	---	0.00100	"	"	ND	--	--	--	8.70%	"	"	R4
Copper	"	0.00105	---	0.00100	"	"	ND	--	--	--	12.1%	"	"	
Arsenic	"	0.00216	---	0.00100	"	"	0.00208	--	--	--	3.77%	"	"	
Lead	"	ND	---	0.00100	"	"	ND	--	--	--	28.6%	"	"	R4
Silver	"	ND	---	0.00100	"	"	ND	--	--	--	11.8%	(50)	"	R4
Barium	"	0.0202	---	0.0100	"	"	0.0205	--	--	--	1.47%	(20)	"	
Cadmium	"	ND	---	0.00100	"	"	ND	--	--	--	6.25%	"	"	R4

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7C28050 **Water Preparation Method: EPA 3020A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7C28050-MS1)				QC Source: PQC0917-01				Extracted: 03/28/07 15:35						
Silver	EPA 6020	0.0778	—	0.00100	mg/l	1x	0.0000800	0.0800	97.2%	(21-142)	--	--	03/29/07 15:53	
Copper	"	0.0941	—	0.00100	"	"	0.000930	"	116%	(70-125)	--	--	"	
Arsenic	"	0.0873	—	0.00100	"	"	0.00208	"	107%	(75-125)	--	--	"	
Barium	"	0.108	—	0.0100	"	"	0.0205	"	109%	(53-142)	--	--	"	
Chromium	"	0.0901	—	0.00100	"	"	0.000410	"	112%	(80-120)	--	--	"	
Lead	"	0.0836	—	0.00100	"	"	0.000180	"	104%	"	--	--	"	
Selenium	"	0.0749	—	0.00100	"	"	0.000220	"	93.4%	(78-120)	--	--	"	
Zinc	"	0.0968	—	0.0100	"	"	0.0138	"	104%	(68-128)	--	--	"	
Cadmium	"	0.0877	—	0.00100	"	"	0.000310	"	109%	(80-120)	--	--	"	
Post Spike (7C28050-PS1)				QC Source: PQC0917-01				Extracted: 03/28/07 15:35						
Barium	EPA 6020	0.128	—		ug/ml	1x	0.0205	0.0995	108%	(75-125)	--	--	03/29/07 15:47	
Lead	"	0.0983	—		"	"	0.000180	"	98.6%	"	--	--	"	
Copper	"	0.114	—		"	"	0.000930	0.101	112%	"	--	--	"	
Chromium	"	0.110	—		"	"	0.000410	0.100	110%	"	--	--	"	
Cadmium	"	0.104	—		"	"	0.000310	"	104%	"	--	--	"	
Selenium	"	0.0906	—		"	"	0.000220	"	90.4%	"	--	--	"	
Arsenic	"	0.109	—		"	"	0.00208	"	107%	"	--	--	"	
Silver	"	0.108	—		"	"	0.0000800	"	108%	"	--	--	"	
Zinc	"	0.210	—		"	"	0.0138	0.0995	96.7%	"	--	--	"	

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Sarah Rockwell, Project Manager

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7C28051 **Water Preparation Method: EPA 7470A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7C28051-BLK1)								Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	ND	--	0.000200	mg/l	1x	--	--	--	--	--	--	03/29/07 13:34	
LCS (7C28051-BS1)								Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	0.00460	--	0.000200	mg/l	1x	--	0.00500	92.0%	(80-120)	--	--	03/29/07 13:37	
LCS Dup (7C28051-BSD1)								Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	0.00485	--	0.000200	mg/l	1x	--	0.00500	97.0%	(80-120)	5.29%	(20)	03/29/07 13:39	
Duplicate (7C28051-DUP1)				QC Source: BQC0571-01				Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	ND	--	0.000200	mg/l	1x	ND	--	--	--	NR	(20)	03/29/07 14:17	R4
Matrix Spike (7C28051-MS1)				QC Source: BQC0571-01				Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	0.00512	--	0.000200	mg/l	1x	ND	0.00500	102%	(70-130)	--	--	03/29/07 13:42	
Matrix Spike (7C28051-MS2)				QC Source: BQC0572-01				Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	0.00499	--	0.000200	mg/l	1x	ND	0.00500	99.8%	(70-130)	--	--	03/29/07 13:44	

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Sarah Rockwell, Project Manager

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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / Kindermorgan**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/06/07 15:24

Notes and Definitions

Report Specific Notes:

R4 - Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

RL1 - Reporting limit raised due to sample matrix effects.

RL3 - Reporting limit raised due to high concentrations of non-target analytes.

Laboratory Reporting Conventions:

DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

NR/NA - Not Reported / Not Available

dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.

wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.

RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).

MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: PQC0917

CLIENT: Delta Consultants

REPORT TO: Tim Browning
ADDRESS: 7150 SW Hampton #220
Tigard, OR 97223
PHONE: 503-639-8981 FAX: -7615

INVOICE TO: Kinder Morgan
c/o Delta

P.O. NUMBER:

PROJECT NAME: Kinder Morgan Willbridge
PROJECT NUMBER: PTWB
SAMPLED BY: Katy McQuinn

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analytes: 10 | 7 | 5 | 4 | 3 | 2 | 1 | <1 (STD)
Petroleum Hydrocarbon Analyses: 5 | 4 | 3 | 2 | 1 | <1 (STD)
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE: HCl | — | HNO

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES: BTEX	BATTS	metals	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1	MW-8	3/22/07 1600	X	X	X	W	6		
2	MW-25	3/22/07 1520	X	X	X	W	6		
3	MW-26	3/22/07 1500	X	X	X	W	6		
4									
5									
6									
7									
8									
9									
10									

RELEASED BY:		DATE: 3/22/07	RECEIVED BY:		DATE: 3/22/07
PRINT NAME: Katy McQuinn	FIRM: Delta	TIME: 1630	PRINT NAME:	FIRM: TAL	TIME: 16:30
RELEASED BY:		DATE:	RECEIVED BY:		DATE: lab
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM:	TIME: 17:45

ADDITIONAL REMARKS:

TEMP: 4.3 | PAGE 1 OF 1

COC Rev 05/2006

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

6.8

COPPOR0007824

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Cooler ID: 170,248 ___ of ___

Received By: (applies to temp at receipt)
Date: 3/22/07
Time: 16:50
Initials: RM

Logged-in By:
Date: 3/23
initials: SM

Unpacked/Labeled By:
Date: 3/23/07
Initials: CH

Work Order No. PQC0917
Client: Delta
Project: Kinder Morgan

Container Type:
2 Cooler
___ Box
___ None/Other ___

COC Seals:
___ Ship. Container ___ Sign By
___ On Bottles ___ Date
1 None

Packing Material
___ Bubble Bags ___ Styrofoam
___ Foam Packs
X None/Other Other ___

Refrigerant:
___ Gel Ice Pack ___ ___ None
X Loose Ice
___ None/Other ___

Received Via: Bill#
___ Fed Ex ___ Client
___ UPS X NCA Courier
___ DHL ___ Mid Valley
___ Senvoy ___ TDP
___ GS ___ Other ___

4.3, 6.8
Cooler Temperature (IR): ___°C Plastic (Glass) (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? ___°C or (NA)

Trip Blank? Y or N or (NA)

Sample Containers:		ID			ID
Intact?	(Y) or N		Metals Preserved?	(Y) or N or NA	
Provided by NCA?	(Y) or N		Client QAPP Preserved?	Y or N or (NA)	
Correct Type?	(Y) or N		Adequate Volume? (for tests requested)	(Y) or N	
#Containers match COC?	(Y) or N		Water VOAs: Headspace?	Y or (N) or NA	
IDs/time/date match COC?	(Y) or N		Comments:		
Hold Times in hold?	(Y) or N				

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems ___

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ___/___ Date Time

PM Initials: ___ Date: ___ Time: ___

(rev 3 09/12/05)

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

April 12, 2007

Tim Browning
Delta Environmental Consultants - Tigard
7150 SW Hampton - Suite 220
Tigard, OR 97223

RE: Willbridge / KMEP

Enclosed are the results of analyses for samples received by the laboratory on 03/22/07 17:45. The following list is a summary of the Work Orders contained in this report, generated on 04/12/07 17:17.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PQC0915	Willbridge / KMEP	PTWB

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Sarah Rockwell, Project Manager

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/12/07 17:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-33	PQC0915-01	Water	03/22/07 11:35	03/22/07 17:45
MW-34	PQC0915-02	Water	03/22/07 11:25	03/22/07 17:45
MW-36	PQC0915-03	Water	03/22/07 13:05	03/22/07 17:45
MW-37	PQC0915-04	Water	03/22/07 13:50	03/22/07 17:45
MW-40	PQC0915-05	Water	03/22/07 12:30	03/22/07 17:45
DUP-1	PQC0915-06	Water	03/22/07 00:00	03/22/07 17:45

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Sarah Rockwell, Project Manager

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**
7150 SW Hampton - Suite 220	Project Number:	PTWB
Tigard, OR 97223	Project Manager:	Tim Browning
		Report Created: 04/12/07 17:17

Total Metals per EPA 6000/7000 Series Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0915-01 (MW-33)		**Water**				**Sampled: 03/22/07 11:35**				
Arsenic	EPA 6020	**0.0139**	—	0.0000360	mg/l	1x	7031160	03/29/07 11:26	03/31/07 13:56	
Barium	"	**0.123**	—	0.000800	"	"	"	"	"	
Cadmium	"	**0.000205**	—	0.0000752	"	"	"	"	"	
Chromium	"	ND	—	0.000800	"	"	"	"	"	
Copper	"	ND	—	0.00160	"	"	"	"	"	
Lead	"	ND	—	0.000432	"	"	"	"	"	
Selenium	"	ND	—	0.00160	"	"	"	"	"	
Silver	"	ND	—	0.0000960	"	"	"	"	"	
Zinc	"	**0.00827**	—	0.00400	"	"	"	"	"	
PQC0915-02 (MW-34)		**Water**				**Sampled: 03/22/07 11:25**				
Arsenic	EPA 6020	**0.0252**	—	0.0000360	mg/l	1x	7031160	03/29/07 11:26	03/31/07 14:13	
Barium	"	**0.117**	—	0.000800	"	"	"	"	"	
Cadmium	"	**0.000176**	—	0.0000752	"	"	"	"	"	
Chromium	"	**0.00401**	—	0.000800	"	"	"	"	"	
Copper	"	**0.00922**	—	0.00160	"	"	"	"	"	
Lead	"	**0.00501**	—	0.000432	"	"	"	"	"	
Selenium	"	ND	—	0.00160	"	"	"	"	"	
Silver	"	ND	—	0.0000960	"	"	"	"	"	
Zinc	"	**0.0329**	—	0.00400	"	"	"	"	"	
PQC0915-03 (MW-36)		**Water**				**Sampled: 03/22/07 13:05**				
Arsenic	EPA 6020	**0.00858**	—	0.0000360	mg/l	1x	7031160	03/29/07 11:26	03/31/07 14:35	
Barium	"	0.0334	—	0.000800	"	"	"	"	"	
Cadmium	"	ND	—	0.0000752	"	"	"	"	"	
Chromium	"	ND	—	0.000800	"	"	"	"	"	
Copper	"	**0.00264**	—	0.00160	"	"	"	"	"	
Lead	"	**0.000652**	—	0.000432	"	"	"	"	"	
Selenium	"	ND	—	0.00160	"	"	"	"	"	
Silver	"	ND	—	0.0000960	"	"	"	"	"	
Zinc	"	**0.00628**	—	0.00400	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/12/07 17:17

Total Metals per EPA 6000/7000 Series Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL^	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0915-04 (MW-37)		**Water**				**Sampled: 03/22/07 13:50**				
Arsenic	EPA 6020	**0.0210**	----	0.0000360	mg/l	1x	7031160	03/29/07 11:26	03/31/07 15:05	
Barium	"	**0.0468**	----	0.000800	"	"	"	"	"	
Cadmium	"	**0.000173**	----	0.0000752	"	"	"	"	"	
Chromium	"	ND	----	0.000800	"	"	"	"	"	
Copper	"	ND	----	0.00160	"	"	"	"	"	
Lead	"	**0.000810**	----	0.000432	"	"	"	"	"	
Selenium	"	ND	----	0.00160	"	"	"	"	"	
Silver	"	ND	----	0.0000960	"	"	"	"	"	
Zinc	"	**0.00843**	----	0.00400	"	"	"	"	"	
PQC0915-05 (MW-40)		**Water**				**Sampled: 03/22/07 12:30**				
Arsenic	EPA 6020	**0.0191**	----	0.0000360	mg/l	1x	7031160	03/29/07 11:26	03/31/07 15:13	
Barium	"	**0.0538**	----	0.000800	"	"	"	"	"	
Cadmium	"	ND	----	0.0000752	"	"	"	"	"	
Chromium	"	ND	----	0.000800	"	"	"	"	"	
Copper	"	**0.00205**	----	0.00160	"	"	"	"	"	
Lead	"	**0.000886**	----	0.000432	"	"	"	"	"	
Selenium	"	ND	----	0.00160	"	"	"	"	"	
Silver	"	ND	----	0.0000960	"	"	"	"	"	
Zinc	"	**0.00751**	----	0.00400	"	"	"	"	"	
PQC0915-06 (DUP-1)		**Water**				**Sampled: 03/22/07 00:00**				
Arsenic	EPA 6020	**0.0373**	----	0.0000360	mg/l	1x	7031160	03/29/07 11:26	03/31/07 15:21	
Barium	"	**0.380**	----	0.000800	"	"	"	"	"	
Cadmium	"	**0.0000952**	----	0.0000752	"	"	"	"	"	
Chromium	"	**0.00110**	----	0.000800	"	"	"	"	"	
Copper	"	**0.00242**	----	0.00160	"	"	"	"	"	
Lead	"	ND	----	0.000432	"	"	"	"	"	
Selenium	"	ND	----	0.00160	"	"	"	"	"	
Silver	"	ND	----	0.0000960	"	"	"	"	"	
Zinc	"	**0.0184**	----	0.00400	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/12/07 17:17

Mercury by EPA Method 1631E

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0915-01 (MW-33)			**Water**			**Sampled: 03/22/07 11:35**				
Mercury	EPA 1631E	0.00767	----	0.00500	ug/l	1x	7040122	04/03/07 15:31	04/04/07 14:30	
PQC0915-02 (MW-34)			**Water**			**Sampled: 03/22/07 11:25**				
Mercury	EPA 1631E	0.00877	----	0.00500	ug/l	1x	7040122	04/03/07 15:31	04/04/07 14:32	
PQC0915-03 (MW-36)			**Water**			**Sampled: 03/22/07 13:05**				
Mercury	EPA 1631E	0.00540	----	0.00500	ug/l	1x	7040122	04/03/07 15:31	04/04/07 14:41	
PQC0915-04 (MW-37)			**Water**			**Sampled: 03/22/07 13:50**				
Mercury	EPA 1631E	ND	----	0.00500	ug/l	1x	7040122	04/03/07 15:31	04/04/07 14:44	
PQC0915-05 (MW-40)			**Water**			**Sampled: 03/22/07 12:30**				
Mercury	EPA 1631E	0.00558	----	0.00500	ug/l	1x	7040122	04/03/07 15:31	04/04/07 14:46	
PQC0915-06 (DUP-1)			**Water**			**Sampled: 03/22/07 00:00**				
Mercury	EPA 1631E	ND	----	0.00500	ug/l	1x	7040122	04/03/07 15:31	04/04/07 14:49	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/12/07 17:17

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0915-01 (MW-33)		**Water**			**Sampled: 03/22/07 11:35**					
Benzene	EPA 8260B	ND	—	0.200	ug/l	1x	7031063	03/27/07 12:55	03/27/07 22:39	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*104%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*95.0%*		*80 - 120 %*	"			"	
Toluene-d8			*107%*		*80 - 120 %*	"			"	
PQC0915-02 (MW-34)		**Water**			**Sampled: 03/22/07 11:25**					
Benzene	EPA 8260B	ND	—	0.200	ug/l	1x	7031063	03/27/07 12:55	03/27/07 23:06	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*95.0%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*87.0%*		*80 - 120 %*	"			"	
Toluene-d8			*98.0%*		*80 - 120 %*	"			"	
PQC0915-03 (MW-36)		**Water**			**Sampled: 03/22/07 13:05**					
Benzene	EPA 8260B	ND	—	0.200	ug/l	1x	7031063	03/27/07 12:55	03/27/07 23:33	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*114%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*105%*		*80 - 120 %*	"			"	
Toluene-d8			*119%*		*80 - 120 %*	"			"	
PQC0915-04 (MW-37)		**Water**			**Sampled: 03/22/07 13:50**					
Benzene	EPA 8260B	ND	—	0.200	ug/l	1x	7031063	03/27/07 12:55	03/28/07 00:00	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*98.5%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*90.0%*		*80 - 120 %*	"			"	
Toluene-d8			*100%*		*80 - 120 %*	"			"	

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Sarah Rockwell, Project Manager

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/12/07 17:17

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0915-05 (MW-40)		**Water**				**Sampled: 03/22/07 12:30**				
Benzene	EPA 8260B	ND	----	0.200	ug/l	1x	7031063	03/27/07 12:55	03/28/07 00:27	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB			*96.5%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*88.5%*		*80 - 120 %*	"			"	
Toluene-d8			*100%*		*80 - 120 %*	"			"	
PQC0915-06 (DUP-1)		**Water**				**Sampled: 03/22/07 00:00**				
Benzene	EPA 8260B	ND	----	0.200	ug/l	1x	7031063	03/27/07 12:55	03/28/07 00:53	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB			*116%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*106%*		*80 - 120 %*	"			"	
Toluene-d8			*120%*		*80 - 120 %*	"			"	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/12/07 17:17

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0915-01 (MW-33)		**Water**			**Sampled: 03/22/07 11:35**					
Acenaphthene	EPA 8270m	ND	----	0.00976	ug/l	1x	7031096	03/28/07 17:50	04/05/07 17:54	
Benzo (a) anthracene	"	ND	----	0.00488	"	"	"	"	04/07/07 05:01	
Acenaphthylene	"	ND	----	0.00976	"	"	"	"	04/05/07 17:54	
Benzo (a) pyrene	"	ND	----	0.00488	"	"	"	"	04/07/07 05:01	
Anthracene	"	ND	----	0.00976	"	"	"	"	04/05/07 17:54	
Benzo (b) fluoranthene	"	ND	----	0.00488	"	"	"	"	04/07/07 05:01	
Benzo (k) fluoranthene	"	ND	----	0.00488	"	"	"	"	"	
Chrysene	"	ND	----	0.00488	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.00488	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.00976	"	"	"	"	04/05/07 17:54	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.00488	"	"	"	"	04/07/07 05:01	
Fluoranthene	"	ND	----	0.00976	"	"	"	"	04/05/07 17:54	
Fluorene	"	ND	----	0.00976	"	"	"	"	"	
Naphthalene	"	**0.0146**	----	0.00976	"	"	"	"	"	
Phenanthrene	"	ND	----	0.00976	"	"	"	"	"	
Pyrene	"	**0.0193**	----	0.00976	"	"	"	"	"	
Surrogate(s): *Benzo (a) pyrene-d12*			*82.8%*		*10 - 125 %*	"			*04/07/07 05:01*	
Fluorene-d10			*98.4%*		*25 - 125 %*	"			*04/05/07 17:54*	
Pyrene-d10			*101%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*86.9%*		*10 - 125 %*	"			"	
PQC0915-02 (MW-34)		**Water**			**Sampled: 03/22/07 11:25**					
Acenaphthene	EPA 8270m	**0.0215**	----	0.00985	ug/l	1x	7031096	03/28/07 17:50	04/05/07 18:25	
Benzo (a) anthracene	"	ND	----	0.00493	"	"	"	"	04/07/07 05:32	
Acenaphthylene	"	ND	----	0.00985	"	"	"	"	04/05/07 18:25	
Benzo (a) pyrene	"	ND	----	0.00493	"	"	"	"	04/07/07 05:32	
Anthracene	"	ND	----	0.00985	"	"	"	"	04/05/07 18:25	
Benzo (b) fluoranthene	"	ND	----	0.00493	"	"	"	"	04/07/07 05:32	
Benzo (k) fluoranthene	"	ND	----	0.00493	"	"	"	"	"	
Chrysene	"	ND	----	0.00493	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.00493	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.00985	"	"	"	"	04/05/07 18:25	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.00493	"	"	"	"	04/07/07 05:32	
Fluoranthene	"	ND	----	0.00985	"	"	"	"	04/05/07 18:25	
Fluorene	"	ND	----	0.00985	"	"	"	"	"	
Naphthalene	"	ND	----	0.0591	"	"	"	"	"	RL1
Phenanthrene	"	ND	----	0.00985	"	"	"	"	"	
Pyrene	"	ND	----	0.00985	"	"	"	"	"	
Surrogate(s): *Benzo (a) pyrene-d12*			*91.3%*		*10 - 125 %*	"			*04/07/07 05:32*	
Fluorene-d10			*104%*		*25 - 125 %*	"			*04/05/07 18:25*	
Pyrene-d10			*113%*		*23 - 150 %*	"			"	

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/12/07 17:17

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0915-02 (MW-34)		**Water**			**Sampled: 03/22/07 11:25**					
Benzo (a) pyrene-d12		*95.9%*		*10 - 125 %*		*1x*			*04/05/07 18:25*	
PQC0915-03 (MW-36)		**Water**			**Sampled: 03/22/07 13:05**					
Acenaphthene	EPA 8270m	**0.289**	-----	0.00971	ug/l	1x	7031096	03/28/07 17:50	04/05/07 18:57	
Benzo (a) anthracene	"	ND	----	0.00485	"	"	"	"	04/07/07 06:03	
Acenaphthylene	"	ND	----	0.0146	"	"	"	"	04/05/07 18:57	RL1
Benzo (a) pyrene	"	ND	----	0.00485	"	"	"	"	04/07/07 06:03	
Anthracene	"	ND	----	0.00971	"	"	"	"	04/05/07 18:57	
Benzo (b) fluoranthene	"	ND	----	0.00485	"	"	"	"	04/07/07 06:03	
Benzo (k) fluoranthene	"	ND	----	0.00485	"	"	"	"	"	
Chrysene	"	ND	----	0.00485	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.00485	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.00971	"	"	"	"	04/05/07 18:57	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.00485	"	"	"	"	04/07/07 06:03	
Fluoranthene	"	ND	----	0.00971	"	"	"	"	04/05/07 18:57	
Fluorene	"	ND	----	0.00971	"	"	"	"	"	
Naphthalene	"	ND	----	0.320	"	"	"	"	"	RL1
Phenanthrene	"	**0.0513**	----	0.00971	"	"	"	"	"	
Pyrene	"	**0.0478**	----	0.00971	"	"	"	"	"	
Surrogate(s): *Benzo (a) pyrene-d12*		*92.6%*		*10 - 125 %*		"			*04/07/07 06:03*	
Fluorene-d10		*102%*		*25 - 125 %*		"			*04/05/07 18:57*	
Pyrene-d10		*115%*		*23 - 150 %*		"			"	
Benzo (a) pyrene-d12		*98.3%*		*10 - 125 %*		"			"	
PQC0915-04 (MW-37)		**Water**			**Sampled: 03/22/07 13:50**					
Acenaphthene	EPA 8270m	**0.579**	----	0.0971	ug/l	10x	7031096	03/28/07 17:50	04/05/07 21:02	
Benzo (a) anthracene	"	**0.0183**	----	0.00485	"	1x	"	"	04/09/07 12:56	
Acenaphthylene	"	ND	----	0.194	"	10x	"	"	04/05/07 21:02	RL1
Benzo (a) pyrene	"	**0.0330**	----	0.00485	"	1x	"	"	04/09/07 12:56	
Anthracene	"	ND	----	0.0971	"	10x	"	"	04/05/07 21:02	RL1
Benzo (b) fluoranthene	"	**0.0190**	----	0.00485	"	1x	"	"	04/09/07 12:56	
Benzo (k) fluoranthene	"	**0.0230**	----	0.00485	"	"	"	"	"	
Chrysene	"	**0.0270**	----	0.00485	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	**0.00858**	----	0.00485	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.0389**	----	0.00971	"	"	"	"	04/05/07 20:30	
Indeno (1,2,3-cd) pyrene	"	**0.0315**	----	0.00485	"	"	"	"	04/09/07 12:56	
Fluoranthene	"	ND	----	0.0971	"	10x	"	"	04/05/07 21:02	RL1
Fluorene	"	**0.820**	----	0.0971	"	"	"	"	"	
Naphthalene	"	ND	----	2.14	"	"	"	"	"	RL1
Phenanthrene	"	ND	----	0.0971	"	"	"	"	"	RL1
Pyrene	"	**0.133**	----	0.00971	"	1x	"	"	04/05/07 20:30	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/12/07 17:17

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0915-04 (MW-37)		Water			Sampled: 03/22/07 13:50					
Surrogate(s): Benzo (a) pyrene-d12			*89.3%*		*10 - 125 %*	*1x*			*04/09/07 12:56*	
Fluorene-d10			*65.6%*		*25 - 125 %*	*10x*			*04/05/07 21:02*	
Pyrene-d10			*108%*		*23 - 150 %*	*1x*			*04/05/07 20:30*	
Benzo (a) pyrene-d12			*95.0%*		*10 - 125 %*	"			"	
PQC0915-05 (MW-40)		Water			Sampled: 03/22/07 12:30					
Acenaphthene	EPA 8270m	0.0655	----	0.00971	ug/l	1x	7031096	03/28/07 17:50	04/05/07 19:28	
Benzo (a) anthracene	"	ND	----	0.00485	"	"	"	"	04/07/07 06:34	
Acenaphthylene	"	ND	----	0.00971	"	"	"	"	04/05/07 19:28	
Benzo (a) pyrene	"	ND	----	0.00485	"	"	"	"	04/07/07 06:34	
Anthracene	"	ND	----	0.00971	"	"	"	"	04/05/07 19:28	
Benzo (b) fluoranthene	"	ND	----	0.00485	"	"	"	"	04/07/07 06:34	
Benzo (k) fluoranthene	"	ND	----	0.00485	"	"	"	"	"	
Chrysene	"	ND	----	0.00485	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.00485	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.00971	"	"	"	"	04/05/07 19:28	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.00485	"	"	"	"	04/07/07 06:34	
Fluoranthene	"	ND	----	0.00971	"	"	"	"	04/05/07 19:28	
Fluorene	"	ND	----	0.00971	"	"	"	"	"	
Naphthalene	"	ND	----	0.126	"	"	"	"	"	RL1
Phenanthrene	"	0.0259	----	0.00971	"	"	"	"	"	
Pyrene	"	0.0114	----	0.00971	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*90.9%*		*10 - 125 %*	"			*04/07/07 06:34*	
Fluorene-d10			*101%*		*25 - 125 %*	"			*04/05/07 19:28*	
Pyrene-d10			*104%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*96.7%*		*10 - 125 %*	"			"	
PQC0915-06 (DUP-1)		Water			Sampled: 03/22/07 00:00					
Acenaphthene	EPA 8270m	ND	----	0.00971	ug/l	1x	7031096	03/28/07 17:50	04/05/07 19:59	
Benzo (a) anthracene	"	ND	----	0.00485	"	"	"	"	04/09/07 12:25	
Acenaphthylene	"	ND	----	0.00971	"	"	"	"	04/05/07 19:59	
Benzo (a) pyrene	"	ND	----	0.00485	"	"	"	"	04/09/07 12:25	
Anthracene	"	ND	----	0.00971	"	"	"	"	04/05/07 19:59	
Benzo (b) fluoranthene	"	ND	----	0.00485	"	"	"	"	04/09/07 12:25	
Benzo (k) fluoranthene	"	ND	----	0.00485	"	"	"	"	"	
Chrysene	"	ND	----	0.00485	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.00485	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.00971	"	"	"	"	04/05/07 19:59	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.00485	"	"	"	"	04/09/07 12:25	
Fluoranthene	"	ND	----	0.00971	"	"	"	"	04/05/07 19:59	
Fluorene	"	ND	----	0.00971	"	"	"	"	"	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/12/07 17:17

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0915-06 (DUP-1)		**Water**			**Sampled: 03/22/07 00:00**					
Naphthalene	EPA 8270m	0.0145	—	0.00971	ug/l	1x	7031096	03/28/07 17:50	04/05/07 19:59	
Phenanthrene	"	ND	—	0.00971	"	"	"	"	"	
Pyrene	"	0.0157	—	0.00971	"	"	"	"	"	
Surrogate(s):	*Benzo (a) pyrene-d12*		*86.0%*		*10 - 125 %*	"			*04/09/07 12:25*	
	Fluorene-d10		*75.7%*		*25 - 125 %*	"			*04/05/07 19:59*	
	Pyrene-d10		*93.4%*		*23 - 150 %*	"			"	
	Benzo (a) pyrene-d12		*90.9%*		*10 - 125 %*	"			"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/12/07 17:17

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031160 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031160-BLK1)								Extracted: 03/29/07 11:26						
Arsenic	EPA 6020	ND	---	0.0000360	mg/l	1x	--	--	--	--	--	--	03/31/07 11:50	
Barium	"	ND	---	0.000800	"	"	--	--	--	--	--	--	"	
Cadmium	"	ND	---	0.0000752	"	"	--	--	--	--	--	--	"	
Chromium	"	ND	---	0.000800	"	"	--	--	--	--	--	--	"	
Copper	"	ND	---	0.00160	"	"	--	--	--	--	--	--	"	
Lead	"	ND	---	0.000432	"	"	--	--	--	--	--	--	"	
Selenium	"	ND	---	0.00160	"	"	--	--	--	--	--	--	"	
Silver	"	ND	---	0.0000960	"	"	--	--	--	--	--	--	"	
Zinc	"	ND	---	0.00400	"	"	--	--	--	--	--	--	"	
LCS (7031160-BS1)								Extracted: 03/29/07 11:26						
Arsenic	EPA 6020	0.0958	---	0.000800	mg/l	1x	--	0.100	95.8%	(80-120)	--	--	03/31/07 11:58	
Barium	"	0.0997	---	0.000800	"	"	--	"	99.7%	"	--	--	"	
Cadmium	"	0.0927	---	0.000800	"	"	--	"	92.7%	"	--	--	"	
Chromium	"	0.0954	---	0.000800	"	"	--	"	95.4%	"	--	--	"	
Copper	"	0.0921	---	0.00160	"	"	--	"	92.1%	"	--	--	"	
Lead	"	0.101	---	0.000800	"	"	--	"	101%	"	--	--	"	
Selenium	"	0.0469	---	0.00160	"	"	--	0.0500	93.8%	"	--	--	"	
Silver	"	0.0481	---	0.000800	"	"	--	"	96.2%	"	--	--	"	
Zinc	"	0.0915	---	0.00400	"	"	--	0.100	91.5%	"	--	--	"	
Duplicate (7031160-DUP1)							QC Source: PQC0915-01		Extracted: 03/29/07 11:26					
Arsenic	EPA 6020	0.0135	---	0.000800	mg/l	1x	0.0139	--	--	--	0.00%	(20)	03/31/07 14:05	
Barium	"	0.128	---	0.000800	"	"	0.123	--	--	--	3.98%	"	"	
Cadmium	"	ND	---	0.000800	"	"	ND	--	--	--	109%	"	"	R4
Chromium	"	ND	---	0.000800	"	"	ND	--	--	--	25.4%	"	"	R4
Copper	"	ND	---	0.00160	"	"	ND	--	--	--	5.45%	"	"	
Lead	"	ND	---	0.000800	"	"	ND	--	--	--	70.3%	"	"	R4
Selenium	"	ND	---	0.00160	"	"	ND	--	--	--	NR	"	"	
Silver	"	ND	---	0.000800	"	"	ND	--	--	--	134%	"	"	R4
Zinc	"	0.00851	---	0.00400	"	"	0.00827	--	--	--	2.86%	"	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/12/07 17:17

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031160 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL^	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7031160-MS1)				QC Source: PQC0915-02					Extracted: 03/29/07 11:26					
Arsenic	EPA 6020	0.133	---	0.000800	mg/l	1x	0.0252	0.100	108%	(75-125)	--	--	03/31/07 14:28	
Barium	"	0.220	---	0.000800	"	"	0.117	"	103%	"	--	--	"	
Cadmium	"	0.0962	---	0.000800	"	"	0.000176	"	96.0%	"	--	--	"	
Chromium	"	0.110	---	0.000800	"	"	0.00401	"	106%	"	--	--	"	
Copper	"	0.108	---	0.00160	"	"	0.00922	"	98.8%	"	--	--	"	
Lead	"	0.106	---	0.000800	"	"	0.00501	"	101%	"	--	--	"	
Selenium	"	0.0463	---	0.00160	"	"	ND	0.0500	92.6%	"	--	--	"	
Silver	"	0.0481	---	0.000800	"	"	0.0000283	"	96.1%	"	--	--	"	
Zinc	"	0.114	---	0.00400	"	"	0.0329	0.100	81.1%	"	--	--	"	
Matrix Spike (7031160-MS2)				QC Source: PQC0915-03					Extracted: 03/29/07 11:26					
Arsenic	EPA 6020	0.105	---	0.000800	mg/l	1x	0.00558	0.100	96.4%	(75-125)	--	--	03/31/07 14:58	
Barium	"	0.137	---	0.000800	"	"	0.0334	"	104%	"	--	--	"	
Cadmium	"	0.0974	---	0.000800	"	"	ND	"	97.4%	"	--	--	"	
Chromium	"	0.0965	---	0.000800	"	"	0.000519	"	96.0%	"	--	--	"	
Copper	"	0.0918	---	0.00160	"	"	0.00264	"	89.2%	"	--	--	"	
Lead	"	0.103	---	0.000800	"	"	0.000652	"	102%	"	--	--	"	
Selenium	"	0.0460	---	0.00160	"	"	ND	0.0500	92.0%	"	--	--	"	
Silver	"	0.0487	---	0.000800	"	"	0.0000139	"	97.4%	"	--	--	"	
Zinc	"	0.0984	---	0.00400	"	"	0.00628	0.100	92.1%	"	--	--	"	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/12/07 17:17

Mercury by EPA Method 1631E - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7040122 **Water Preparation Method: EPA 1631**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7040122-BLK1)								Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	ND	--	0.00500	ug/l	1x	--	--	--	--	--	--	04/04/07 14:05	
LCS (7040122-BS1)								Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0516	--	0.00500	ug/l	1x	--	0.0500	103%	(85-115)	--	--	04/04/07 14:08	
LCS Dup (7040122-BSD1)								Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0520	--	0.00500	ug/l	1x	--	0.0500	104%	(85-115)	0.772%	(20)	04/04/07 14:11	
Duplicate (7040122-DUP1)					QC Source: PQC0915-03			Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	ND	--	0.00500	ug/l	1x	0.00540	--	--	--	41.3%	(20)	04/04/07 14:14	R4
Matrix Spike (7040122-MS1)					QC Source: PQC0915-03			Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0510	--	0.00500	ug/l	1x	0.00540	0.0500	91.2%	(71-125)	--	--	04/04/07 14:17	
Matrix Spike (7040122-MS2)					QC Source: PQC0923-03			Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0783	--	0.00500	ug/l	1x	0.0235	0.0500	110%	(71-125)	--	--	04/04/07 14:23	
Matrix Spike Dup (7040122-MSD1)					QC Source: PQC0915-03			Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0528	--	0.00500	ug/l	1x	0.00540	0.0500	94.8%	(71-125)	3.47%	(20)	04/04/07 14:20	
Matrix Spike Dup (7040122-MSD2)					QC Source: PQC0923-03			Extracted: 04/03/07 15:31						
Mercury	EPA 1631E	0.0756	--	0.00500	ug/l	1x	0.0235	0.0500	104%	(71-125)	3.51%	(20)	04/04/07 14:26	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/12/07 17:17

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031063 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031063-BLK1)									Extracted: 03/27/07 12:55					
1,2-Dibromoethane	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	03/27/07 17:44	
1,2-Dichloroethane	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Benzene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*95.0%*		*Limits:*	*80-120%*	"						*03/27/07 17:44*	
	1,2-DCA-d4		*92.0%*			*80-120%*	"						"	
	Dibromofluoromethane		*92.0%*			*80-120%*	"						"	
	Toluene-d8		*101%*			*80-120%*	"						"	
LCS (7031063-BS1)									Extracted: 03/27/07 12:55					
1,2-Dibromoethane	EPA 8260B	21.4	---	0.500	ug/l	1x	--	20.0	107%	(80-140)	--	--	03/27/07 15:56	
1,2-Dichloroethane	"	19.4	---	0.500	"	"	--	"	97.0%	(75-135)	--	--	"	
Benzene	"	20.2	---	0.200	"	"	--	"	101%	(80-120)	--	--	"	
Toluene	"	21.8	---	0.500	"	"	--	"	109%	(80-125)	--	--	"	
Ethylbenzene	"	22.0	---	0.500	"	"	--	"	110%	(80-130)	--	--	"	
Xylenes (total)	"	65.7	---	1.00	"	"	--	60.0	110%	"	--	--	"	
Methyl tert-butyl ether	"	20.7	---	2.00	"	"	--	20.0	104%	(80-135)	--	--	"	
Naphthalene	"	21.6	---	2.00	"	"	--	"	108%	(60-150)	--	--	"	
1,2,4-Trimethylbenzene	"	24.3	---	1.00	"	"	--	"	122%	(75-125)	--	--	"	
1,3,5-Trimethylbenzene	"	23.6	---	0.500	"	"	--	"	118%	(75-135)	--	--	"	
Isopropylbenzene	"	21.9	---	2.00	"	"	--	"	110%	(80-140)	--	--	"	
n-Propylbenzene	"	21.9	---	0.500	"	"	--	"	110%	(80-130)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*102%*		*Limits:*	*80-120%*	"						*03/27/07 15:56*	
	1,2-DCA-d4		*95.0%*			*80-120%*	"						"	
	Dibromofluoromethane		*98.0%*			*80-120%*	"						"	
	Toluene-d8		*106%*			*80-120%*	"						"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/12/07 17:17

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031063 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7031063-MS1)				QC Source: PQC0854-01				Extracted: 03/27/07 12:55						
1,2-Dibromoethane	EPA 8260B	19.7	---	0.500	ug/l	1x	ND	20.0	98.5%	(75-140)	--	--	03/27/07 16:23	
1,2-Dichloroethane	"	19.4	---	0.500	"	"	1.13	"	91.4%	(79-130)	--	--	"	
Benzene	"	18.6	---	0.200	"	"	ND	"	93.0%	(80-125)	--	--	"	
Toluene	"	20.0	---	0.500	"	"	ND	"	100%	(65-135)	--	--	"	
Ethylbenzene	"	20.0	---	0.500	"	"	ND	"	100%	(80-125)	--	--	"	
Xylenes (total)	"	60.6	---	1.00	"	"	ND	60.0	101%	(70-130)	--	--	"	
Methyl tert-butyl ether	"	18.9	---	2.00	"	"	ND	20.0	94.5%	(70-150)	--	--	"	
Naphthalene	"	21.5	---	2.00	"	"	ND	"	108%	(55-145)	--	--	"	
1,2,4-Trimethylbenzene	"	22.8	---	1.00	"	"	ND	"	114%	(80-136)	--	--	"	
1,3,5-Trimethylbenzene	"	22.1	---	0.500	"	"	ND	"	110%	(70-140)	--	--	"	
Isopropylbenzene	"	19.8	---	2.00	"	"	ND	"	99.0%	(60-135)	--	--	"	
n-Propylbenzene	"	20.4	---	0.500	"	"	ND	"	102%	(70-135)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*97.5%*		*Limits: 80-120%*	"							*03/27/07 16:23*	
	1,2-DCA-d4		*91.0%*		*80-120%*	"							"	
	Dibromofluoromethane		*93.0%*		*80-120%*	"							"	
	Toluene-d8		*102%*		*80-120%*	"							"	
Matrix Spike Dup (7031063-MSD1)				QC Source: PQC0854-01				Extracted: 03/27/07 12:55						
1,2-Dibromoethane	EPA 8260B	19.6	---	0.500	ug/l	1x	ND	20.0	98.0%	(75-140)	0.509%	(25)	03/27/07 16:50	
1,2-Dichloroethane	"	19.3	---	0.500	"	"	1.13	"	90.8%	(79-130)	0.517%	"	"	
Benzene	"	18.7	---	0.200	"	"	ND	"	93.5%	(80-125)	0.536%	"	"	
Toluene	"	20.3	---	0.500	"	"	ND	"	102%	(65-135)	1.49%	"	"	
Ethylbenzene	"	20.0	---	0.500	"	"	ND	"	100%	(80-125)	0.00%	"	"	
Xylenes (total)	"	60.4	---	1.00	"	"	ND	60.0	101%	(70-130)	0.331%	"	"	
Methyl tert-butyl ether	"	18.7	---	2.00	"	"	ND	20.0	93.5%	(70-150)	1.06%	"	"	
Naphthalene	"	21.0	---	2.00	"	"	ND	"	105%	(55-145)	2.35%	"	"	
1,2,4-Trimethylbenzene	"	22.7	---	1.00	"	"	ND	"	114%	(80-136)	0.440%	"	"	
1,3,5-Trimethylbenzene	"	22.0	---	0.500	"	"	ND	"	110%	(70-140)	0.454%	"	"	
Isopropylbenzene	"	19.7	---	2.00	"	"	ND	"	98.5%	(60-135)	0.506%	"	"	
n-Propylbenzene	"	20.2	---	0.500	"	"	ND	"	101%	(70-135)	0.985%	"	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*98.5%*		*Limits: 80-120%*	"							*03/27/07 16:50*	
	1,2-DCA-d4		*92.5%*		*80-120%*	"							"	
	Dibromofluoromethane		*94.5%*		*80-120%*	"							"	
	Toluene-d8		*103%*		*80-120%*	"							"	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**
7150 SW Hampton - Suite 220	Project Number:	PTWB
Tigard, OR 97223	Project Manager:	Tim Browning
		Report Created: 04/12/07 17:17

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031096 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031096-BLK1)								Extracted: 03/28/07 17:50						
Acenaphthene	EPA 8270m	ND	---	0.0100	ug/l	1x	---	---	---	---	---	---	04/05/07 13:13	
Benzo (a) anthracene	"	ND	---	0.00500	"	"	---	---	---	---	---	---	04/06/07 21:48	
Benzo (a) pyrene	"	ND	---	0.00500	"	"	---	---	---	---	---	---	"	
Acenaphthylene	"	ND	---	0.0100	"	"	---	---	---	---	---	---	04/05/07 13:13	
Anthracene	"	ND	---	0.0100	"	"	---	---	---	---	---	---	"	
Benzo (b) fluoranthene	"	ND	---	0.00500	"	"	---	---	---	---	---	---	04/06/07 21:48	
Benzo (k) fluoranthene	"	ND	---	0.00500	"	"	---	---	---	---	---	---	"	
Chrysene	"	ND	---	0.00500	"	"	---	---	---	---	---	---	"	
Dibenzo (a,h) anthracene	"	ND	---	0.00500	"	"	---	---	---	---	---	---	"	
Benzo (ghi) perylene	"	ND	---	0.0100	"	"	---	---	---	---	---	---	04/05/07 13:13	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.00500	"	"	---	---	---	---	---	---	04/06/07 21:48	
Fluoranthene	"	ND	---	0.0100	"	"	---	---	---	---	---	---	04/05/07 13:13	
Fluorene	"	ND	---	0.0100	"	"	---	---	---	---	---	---	"	
Naphthalene	"	ND	---	0.0100	"	"	---	---	---	---	---	---	"	
Phenanthrene	"	ND	---	0.0100	"	"	---	---	---	---	---	---	"	
Pyrene	"	ND	---	0.0100	"	"	---	---	---	---	---	---	"	
Benzo (a) pyrene-d12		*85.6%*			*10-125%*	"							*04/06/07 21:48*	
Fluorene-d10		*120%*			*25-125%*	"							*04/05/07 13:13*	
Surrogate(s): Pyrene-d10	*Recovery:*	*105%*		*Limits:*	*23-150%*	"							*04/05/07 13:13*	
Benzo (a) pyrene-d12		*88.8%*			*10-125%*	"							"	
LCS (7031096-BS1)								Extracted: 03/28/07 17:50						
Acenaphthene	EPA 8270m	1.00	---	0.0200	ug/l	2x	---	1.25	80.0%	(35-120)	---	---	04/05/07 13:45	
Acenaphthylene	"	1.01	---	0.0200	"	"	---	"	80.8%	(34-116)	---	---	"	
Benzo (a) pyrene	"	1.25	---	0.0100	"	"	---	"	100%	(38-137)	---	---	04/06/07 23:21	
Anthracene	"	1.10	---	0.0200	"	"	---	"	88.0%	(24-119)	---	---	04/05/07 13:45	
Benzo (a) anthracene	"	1.30	---	0.0200	"	"	---	"	104%	(36-128)	---	---	"	
Benzo (a) pyrene	"	1.26	---	0.0200	"	"	---	"	101%	(17-128)	---	---	"	
Benzo (b) fluoranthene	"	1.35	---	0.0200	"	"	---	"	108%	(37-131)	---	---	"	
Benzo (ghi) perylene	"	1.38	---	0.0200	"	"	---	"	110%	(26-126)	---	---	"	
Benzo (k) fluoranthene	"	1.36	---	0.0200	"	"	---	"	109%	(18-145)	---	---	"	
Chrysene	"	1.34	---	0.0200	"	"	---	"	107%	(16-137)	---	---	"	
Dibenzo (a,h) anthracene	"	1.45	---	0.0200	"	"	---	"	116%	(20-141)	---	---	"	
Fluoranthene	"	1.39	---	0.0200	"	"	---	"	111%	(31-125)	---	---	"	
Fluorene	"	1.31	---	0.0200	"	"	---	"	105%	(27-124)	---	---	"	
Indeno (1,2,3-cd) pyrene	"	1.46	---	0.0200	"	"	---	"	117%	(30-135)	---	---	"	
Naphthalene	"	0.952	---	0.0200	"	"	---	"	76.2%	(30-113)	---	---	"	
Phenanthrene	"	1.23	---	0.0200	"	"	---	"	98.4%	(34-126)	---	---	"	
Pyrene	"	1.23	---	0.0200	"	"	---	"	98.4%	(21-141)	---	---	"	

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Sarah Rockwell, Project Manager

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**
7150 SW Hampton - Suite 220	Project Number:	PTWB
Tigard, OR 97223	Project Manager:	Tim Browning
		Report Created: 04/12/07 17:17

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031096 **Water Preparation Method: 3520B Liq-Liq**

Analyte		Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7031096-BS1)									Extracted: 03/28/07 17:50						
	Benzo (a) pyrene-d12		*81.6%*			*10-125%*	2x							*04/06/07 23:21*	
	Fluorene-d10		*107%*			*25-125%*	"							*04/05/07 13:45*	
Surrogate(s):	*Pyrene-d10*	*Recovery:*	*97.6%*			*Limits: 23-150%*	"							*04/05/07 13:45*	
	Benzo (a) pyrene-d12		*85.6%*			*10-125%*	"							"	
LCS Dup (7031096-BSD1)									Extracted: 03/28/07 17:50						
Acenaphthene		EPA 8270m	0.977	---	0.0200	ug/l	2x	--	1.25	78.2%	(35-120)	2.28%	(50)	04/05/07 14:16	
Benzo (a) pyrene		"	1.21	---	0.0100	"	"	--	"	96.8%	(38-137)	3.25%	(60)	04/06/07 23:52	
Acenaphthylene		"	0.972	---	0.0200	"	"	--	"	77.8%	(34-116)	3.78%	(50)	04/05/07 14:16	
Anthracene		"	1.05	---	0.0200	"	"	--	"	84.0%	(24-119)	4.65%	"	"	
Benzo (a) anthracene		"	1.27	---	0.0200	"	"	--	"	102%	(36-128)	1.94%	"	"	
Benzo (a) pyrene		"	1.22	---	0.0200	"	"	--	"	97.6%	(17-128)	3.42%	"	"	
Benzo (b) fluoranthene		"	1.28	---	0.0200	"	"	--	"	102%	(37-131)	5.71%	"	"	
Benzo (ghi) perylene		"	1.32	---	0.0200	"	"	--	"	106%	(26-126)	3.70%	"	"	
Benzo (k) fluoranthene		"	1.37	---	0.0200	"	"	--	"	110%	(18-145)	0.913%	"	"	
Chrysene		"	1.32	---	0.0200	"	"	--	"	106%	(16-137)	0.939%	"	"	
Dibenzo (a,h) anthracene		"	1.39	---	0.0200	"	"	--	"	111%	(20-141)	4.41%	"	"	
Fluoranthene		"	1.32	---	0.0200	"	"	--	"	106%	(31-125)	4.61%	"	"	
Fluorene		"	1.26	---	0.0200	"	"	--	"	101%	(27-124)	3.88%	"	"	
Indeno (1,2,3-cd) pyrene		"	1.39	---	0.0200	"	"	--	"	111%	(30-135)	5.26%	"	"	
Naphthalene		"	0.876	---	0.0200	"	"	--	"	70.1%	(30-113)	8.34%	"	"	
Phenanthrene		"	1.18	---	0.0200	"	"	--	"	94.4%	(34-126)	4.35%	"	"	
Pyrene		"	1.19	---	0.0200	"	"	--	"	95.2%	(21-141)	3.31%	"	"	
	Benzo (a) pyrene-d12		*84.0%*			*10-125%*	"							*04/06/07 23:52*	
	Fluorene-d10		*105%*			*25-125%*	"							*04/05/07 14:16*	
Surrogate(s):	*Pyrene-d10*	*Recovery:*	*98.4%*			*Limits: 23-150%*	"							*04/05/07 14:16*	
	Benzo (a) pyrene-d12		*88.0%*			*10-125%*	"							"	

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/12/07 17:17

Notes and Definitions

Report Specific Notes:

R4 - Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

RL1 - Reporting limit raised due to sample matrix effects.

Laboratory Reporting Conventions:

DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

NR/NA - Not Reported / Not Available

dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.

wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.

RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).

MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Sarah Rockwell, Project Manager

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11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: PQC0915

CLIENT: Delta Consultants
REPORT TO: Tim Browning
ADDRESS: 7150 SW Hampton # 210
Tigard, OR 97223
PHONE: 503-639-8078 FAX: -7619

INVOICE TO: Kinder Morgan c/o Delta
P.O. NUMBER: #

PROJECT NAME: Kinder Morgan Willbridge
PROJECT NUMBER: PTWB
SAMPLED BY: KATY McQuinn

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: 10 STD | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE				REQUESTED ANALYSES				MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
			HCl	-	HNO	HCl	BTEX	PAHs	metals	LVHC				
1	MW-33	3/22/07 1135					X	X	X	X	W	7		
2	MW-34	1125												
3	MW-36	1305												
4	MW-37	1350												
5	MW-40	1230												
6	DUP-1	3/22/07 -					X	X	X	X	W	7		
7														
8														
9														
10														

RELEASED BY: [signature] DATE: 3/22/07
PRINT NAME: Katy McQuinn FIRM: Delta TIME: 1630
RECEIVED BY: [signature] DATE: 3/22/07
PRINT NAME: BZF FIRM: TAP TIME: 16:30

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:
RECEIVED BY: DATE: lab
PRINT NAME: FIRM: TIME: 17:45

ADDITIONAL REMARKS: use Lower Portland Harbor detection limits
COC REV 05/2006
TEMP: 4.3 6.8
PAGE 1 OF 1

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project.
Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

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(P.T.O. other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)
Date: 3/22/07
Time: 16 30
Initials: LA

Logged-in By:
Date: 3/23
Initials: SW

Unpacked/Labeled By:
Date: 3/23/07
Initials: CH

Cooler ID: 170, 249 of ___

Work Order No. PQC0915
Client: Delta
Project: Kinder Morgan

Container Type:
2 Cooler
___ Box
___ None/Other ___

COC Seals:
___ Ship. Container ___ Sign By
___ On Bottles ___ Date
1 None

Packing Material
___ Bubble Bags ___ Styrofoam
___ Foam Packs
X None/Other Other ___

Refrigerant:
___ Gel Ice Pack ___ None
X Loose Ice
___ None/Other ___

Received Via: Bill#
___ Fed Ex ___ Client
___ UPS X NCA Courier
___ DHL ___ Mid Valley
___ Servoy ___ TDP
___ GS ___ Other ___

Cooler Temperature (IR): 4.3, 6.8 °C Plastic (Glass) (circle one) (Frozen filters, Tedlars and aqueous Metals exempt)

Temperature Blank? ___ °C or (NA) Trip Blank? Y or N or (NA)

Sample Containers:		ID			ID
Intact?	(Y) or N	___	Metals Preserved?	(Y) or N or NA	___
Provided by NCA?	(Y) or N	___	Client QAPP Preserved?	Y or N or (NA)	___
Correct Type?	(Y) or N	___	Adequate Volume? (for tests requested)	(Y) or N	___
#Containers match COC?	(Y) or N	___	Water VOAs: Headspace?	Y or (N) or NA	___
IDs/time/date match COC?	(Y) or N	___	Comments:		
Hold Times in hold?	(Y) or N	___			

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments, Problems ___

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ___ / Date Time

PM Initials: ___ Date: ___ Time: ___

(rev 3 09/12/05)

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

April 11, 2007

Brian Pletcher
Delta Environmental Consultants - Tigard
7150 SW Hampton - Suite 220
Tigard, OR 97223

RE: Willbridge Terminal -Conoco Phillips

Enclosed are the results of analyses for samples received by the laboratory on 03/21/07 17:35. The following list is a summary of the Work Orders contained in this report, generated on 04/11/07 16:14.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PQC0848	Willbridge Terminal -Conoco	ORZ0922-GW7

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B4	PQC0848-01	Water	03/21/07 08:40	03/21/07 17:35
B35	PQC0848-02	Water	03/20/07 09:55	03/21/07 17:35
B36	PQC0848-03	Water	03/20/07 09:25	03/21/07 17:35
B37	PQC0848-04	Water	03/20/07 11:25	03/21/07 17:35
U2	PQC0848-05	Water	03/21/07 10:40	03/21/07 17:35
U4	PQC0848-06	Water	03/21/07 09:20	03/21/07 17:35
U14	PQC0848-07	Water	03/21/07 14:15	03/21/07 17:35
U15	PQC0848-08	Water	03/21/07 10:15	03/21/07 17:35
U16	PQC0848-09	Water	03/21/07 11:50	03/21/07 17:35
U17	PQC0848-10	Water	03/21/07 11:30	03/21/07 17:35
U18	PQC0848-11	Water	03/21/07 13:35	03/21/07 17:35
U19	PQC0848-12	Water	03/21/07 15:10	03/21/07 17:35
U20	PQC0848-13	Water	03/20/07 15:35	03/21/07 17:35
U21	PQC0848-14	Water	03/20/07 15:00	03/21/07 17:35

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Gasoline Hydrocarbons per NW TPH-Gx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-07RE1 (U14)		**Water**			**Sampled: 03/21/07 14:15**					
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	—	80.0	ug/l	1x	7030922	03/23/07 11:28	03/23/07 13:05	
Surrogate(s): 4-BFB			*92.2%*		*50 - 150 %*	"			"	
PQC0848-08RE1 (U15)		**Water**			**Sampled: 03/21/07 10:15**					
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	—	80.0	ug/l	1x	7030922	03/23/07 11:28	03/23/07 13:33	
Surrogate(s): 4-BFB			*91.2%*		*50 - 150 %*	"			"	
PQC0848-09 (U16)		**Water**			**Sampled: 03/21/07 11:50**					
Gasoline Range Hydrocarbons	NW TPH-Gx	**277**	—	80.0	ug/l	1x	7030860	03/22/07 10:27	03/22/07 19:29	
Surrogate(s): 4-BFB			*132%*		*50 - 150 %*	"			"	
PQC0848-10 (U17)		**Water**			**Sampled: 03/21/07 11:30**					
Gasoline Range Hydrocarbons	NW TPH-Gx	**305**	—	80.0	ug/l	1x	7030860	03/22/07 10:27	03/22/07 19:57	
Surrogate(s): 4-BFB			*144%*		*50 - 150 %*	"			"	
PQC0848-11 (U18)		**Water**			**Sampled: 03/21/07 13:35**					
Gasoline Range Hydrocarbons	NW TPH-Gx	**207**	—	80.0	ug/l	1x	7030860	03/22/07 10:27	03/22/07 20:25	
Surrogate(s): 4-BFB			*123%*		*50 - 150 %*	"			"	
PQC0848-12 (U19)		**Water**			**Sampled: 03/21/07 15:10**					
Gasoline Range Hydrocarbons	NW TPH-Gx	**2540**	—	80.0	ug/l	1x	7030860	03/22/07 10:27	03/22/07 21:19	
Surrogate(s): 4-BFB			*200%*		*50 - 150 %*	"			"	*ZX*
PQC0848-13 (U20)		**Water**			**Sampled: 03/20/07 15:35**					
Gasoline Range Hydrocarbons	NW TPH-Gx	**561**	—	80.0	ug/l	1x	7030860	03/22/07 10:27	03/22/07 21:46	
Surrogate(s): 4-BFB			*125%*		*50 - 150 %*	"			"	
PQC0848-14 (U21)		**Water**			**Sampled: 03/20/07 15:00**					
Gasoline Range Hydrocarbons	NW TPH-Gx	**2060**	—	80.0	ug/l	1x	7030860	03/22/07 10:27	03/22/07 22:14	
Surrogate(s): 4-BFB			*348%*		*50 - 150 %*	"			"	*ZX*

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-07 (U14)		Water			Sampled: 03/21/07 14:15					
Diesel Range Organics	NWTPH-Dx	0.428	----	0.250	mg/l	1x	7030897	03/23/07 10:40	03/23/07 16:03	A-01
Heavy Oil Range Hydrocarbons	"	ND	----	0.500	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*90.8%*		*50 - 150 %*	"			"	
PQC0848-08 (U15)		Water			Sampled: 03/21/07 10:15					
Diesel Range Organics	NWTPH-Dx	0.465	----	0.245	mg/l	1x	7030897	03/23/07 12:05	03/23/07 16:22	Q12
Heavy Oil Range Hydrocarbons	"	ND	----	0.490	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*95.3%*		*50 - 150 %*	"			"	
PQC0848-09 (U16)		Water			Sampled: 03/21/07 11:50					
Diesel Range Organics	NWTPH-Dx	3.63	----	0.245	mg/l	1x	7030897	03/23/07 12:05	03/23/07 16:42	Q9
Heavy Oil Range Hydrocarbons	"	0.860	----	0.490	"	"	"	"	"	Q4
Surrogate(s): 1-Chlorooctadecane			*98.4%*		*50 - 150 %*	"			"	
PQC0848-10 (U17)		Water			Sampled: 03/21/07 11:30					
Diesel Range Organics	NWTPH-Dx	5.56	----	0.250	mg/l	1x	7030897	03/23/07 12:05	03/23/07 17:01	Q12
Heavy Oil Range Hydrocarbons	"	ND	----	0.500	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*89.9%*		*50 - 150 %*	"			"	
PQC0848-11 (U18)		Water			Sampled: 03/21/07 13:35					
Diesel Range Organics	NWTPH-Dx	16.3	----	2.50	mg/l	10x	7030897	03/23/07 12:05	03/23/07 18:58	Q9
Heavy Oil Range Hydrocarbons	"	6.00	----	5.00	"	"	"	"	"	Q4
Surrogate(s): 1-Chlorooctadecane			*94.8%*		*50 - 150 %*	"			"	
PQC0848-12 (U19)		Water			Sampled: 03/21/07 15:10					
Diesel Range Organics	NWTPH-Dx	2.02	----	0.245	mg/l	1x	7030897	03/23/07 12:05	03/23/07 17:20	A-01
Heavy Oil Range Hydrocarbons	"	ND	----	0.490	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*96.1%*		*50 - 150 %*	"			"	
PQC0848-13 (U20)		Water			Sampled: 03/20/07 15:35					
Diesel Range Organics	NWTPH-Dx	4.53	----	0.245	mg/l	1x	7030897	03/23/07 12:05	03/23/07 18:19	A-01
Heavy Oil Range Hydrocarbons	"	0.561	----	0.490	"	"	"	"	"	Q13
Surrogate(s): 1-Chlorooctadecane			*93.7%*		*50 - 150 %*	"			"	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-14 (U21)		Water				Sampled: 03/20/07 15:00				
Diesel Range Organics	NWTPH-Dx	**3.60**	—	0.245	mg/l	1x	7030897	03/23/07 12:05	03/23/07 18:38	**A-02**
Heavy Oil Range Hydrocarbons	"	ND	—	0.490	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*96.4%*		*50 - 150 %*	"			"	

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-01 (B4)		**Water**			**Sampled: 03/21/07 08:40**					
Benzene	EPA 8260B	**43.2**	---	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 15:54	
Toluene	"	**5.10**	---	0.500	"	"	"	"	"	
Ethylbenzene	"	**1.33**	---	0.500	"	"	"	"	"	
Xylenes (total)	"	**7.02**	---	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*97.0%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*97.5%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*97.0%*		*80 - 120 %*	"				"	
Toluene-d8		*104%*		*80 - 120 %*	"				"	
PQC0848-02 (B35)		**Water**			**Sampled: 03/20/07 09:55**					
Benzene	EPA 8260B	**11.4**	---	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 16:22	
Toluene	"	**5.16**	---	0.500	"	"	"	"	"	
Ethylbenzene	"	**1.02**	---	0.500	"	"	"	"	"	
Xylenes (total)	"	**11.2**	---	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*100%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*92.5%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*96.0%*		*80 - 120 %*	"				"	
Toluene-d8		*102%*		*80 - 120 %*	"				"	
PQC0848-03 (B36)		**Water**			**Sampled: 03/20/07 09:25**					
Benzene	EPA 8260B	**0.610**	---	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 16:49	
Toluene	"	**0.500**	---	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	---	0.500	"	"	"	"	"	
Xylenes (total)	"	**1.37**	---	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*100%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*91.0%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*95.0%*		*80 - 120 %*	"				"	
Toluene-d8		*100%*		*80 - 120 %*	"				"	

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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-04 (B37)		**Water**			**Sampled: 03/20/07 11:25**					
Benzene	EPA 8260B	ND	----	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 17:16	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*100%*		*80 - 120 %*	"			"	
	1,2-DCA-d4		*92.0%*		*80 - 120 %*	"			"	
	Dibromofluoromethane		*95.0%*		*80 - 120 %*	"			"	
	Toluene-d8		*100%*		*80 - 120 %*	"			"	
PQC0848-05 (U2)		**Water**			**Sampled: 03/21/07 10:40**					
Benzene	EPA 8260B	4.05	----	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 17:44	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	1.10	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*103%*		*80 - 120 %*	"			"	
	1,2-DCA-d4		*93.0%*		*80 - 120 %*	"			"	
	Dibromofluoromethane		*95.0%*		*80 - 120 %*	"			"	
	Toluene-d8		*102%*		*80 - 120 %*	"			"	
PQC0848-06 (U4)		**Water**			**Sampled: 03/21/07 09:20**					
Benzene	EPA 8260B	ND	----	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 18:11	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	5.24	----	2.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*103%*		*80 - 120 %*	"			"	
	1,2-DCA-d4		*90.0%*		*80 - 120 %*	"			"	
	Dibromofluoromethane		*93.5%*		*80 - 120 %*	"			"	
	Toluene-d8		*101%*		*80 - 120 %*	"			"	

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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-07 (U14)		Water			Sampled: 03/21/07 14:15					
Benzene	EPA 8260B	ND	—	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 18:39	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*103%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*92.5%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*94.5%*		*80 - 120 %*	"				"	
Toluene-d8		*102%*		*80 - 120 %*	"				"	
PQC0848-08 (U15)		Water			Sampled: 03/21/07 10:15					
Benzene	EPA 8260B	0.560	—	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 19:06	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*103%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*92.0%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*94.5%*		*80 - 120 %*	"				"	
Toluene-d8		*101%*		*80 - 120 %*	"				"	
PQC0848-09 (U16)		Water			Sampled: 03/21/07 11:50					
Benzene	EPA 8260B	0.220	—	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 19:34	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	0.930	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*103%*		*80 - 120 %*	"				"	
1,2-DCA-d4		*89.5%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*92.5%*		*80 - 120 %*	"				"	
Toluene-d8		*100%*		*80 - 120 %*	"				"	

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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-10 (U17)		Water			Sampled: 03/21/07 11:30					
Benzene	EPA 8260B	**0.450**	—	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 20:01	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*102%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*94.0%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*97.0%*		*80 - 120 %*	"			"	
Toluene-d8			*103%*		*80 - 120 %*	"			"	
PQC0848-11 (U18)		Water			Sampled: 03/21/07 13:35					
Benzene	EPA 8260B	**0.210**	—	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 20:28	
Toluene	"	**0.540**	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*100%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*94.0%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*97.0%*		*80 - 120 %*	"			"	
Toluene-d8			*103%*		*80 - 120 %*	"			"	
PQC0848-12 (U19)		Water			Sampled: 03/21/07 15:10					
Benzene	EPA 8260B	ND	—	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 20:56	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	**0.670**	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	**9.31**	—	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*98.0%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*100%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*103%*		*80 - 120 %*	"			"	
Toluene-d8			*106%*		*80 - 120 %*	"			"	

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-13 (U20)		**Water**			**Sampled: 03/20/07 15:35**					
Benzene	EPA 8260B	ND	—	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 21:23	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	4.28	—	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*102%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*93.0%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*96.5%*			*80 - 120 %*	"			"	
Toluene-d8		*99.5%*			*80 - 120 %*	"			"	
PQC0848-14 (U21)		**Water**			**Sampled: 03/20/07 15:00**					
Benzene	EPA 8260B	0.270	—	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 21:51	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	2.50	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*104%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*92.0%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*96.5%*			*80 - 120 %*	"			"	
Toluene-d8		*101%*			*80 - 120 %*	"			"	

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-01 (B4)		Water			Sampled: 03/21/07 08:40					RL3
Acenaphthene	EPA 8270m	2.39	---	0.0971	ug/l	5x	7030928	03/23/07 15:55	03/30/07 03:24	
Acenaphthylene	"	ND	---	0.680	"	"	"	"	"	RL1
Anthracene	"	ND	---	2.04	"	"	"	"	"	RL1
Benzo (a) anthracene	"	ND	---	0.0971	"	"	"	"	"	
Benzo (a) pyrene	"	ND	---	0.0971	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	---	0.0971	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	---	0.0971	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	---	0.0971	"	"	"	"	"	
Chrysene	"	0.103	---	0.0971	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	---	0.0971	"	"	"	"	"	
Fluoranthene	"	0.420	---	0.0971	"	"	"	"	"	
Fluorene	"	8.07	---	0.0971	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.0971	"	"	"	"	"	
Naphthalene	"	ND	---	5.34	"	"	"	"	"	RL1
Phenanthrene	"	11.0	---	0.0971	"	"	"	"	"	
Pyrene	"	1.01	---	0.0971	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*64.2%*			*25 - 125 %*	"			"	
Pyrene-d10		*99.6%*			*23 - 150 %*	"			"	
Benzo (a) pyrene-d12		*93.8%*			*10 - 125 %*	"			"	
PQC0848-02 (B35)		Water			Sampled: 03/20/07 09:55					RL3
Acenaphthene	EPA 8270m	9.21	---	0.971	ug/l	50x	7030928	03/23/07 15:55	04/02/07 19:47	
Acenaphthylene	"	ND	---	1.26	"	5x	"	"	03/30/07 03:55	RL1
Anthracene	"	2.21	---	0.0971	"	"	"	"	"	
Benzo (a) anthracene	"	0.549	---	0.0971	"	"	"	"	"	
Benzo (a) pyrene	"	0.113	---	0.0971	"	"	"	"	"	
Benzo (b) fluoranthene	"	0.133	---	0.0971	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	---	0.0971	"	"	"	"	"	
Benzo (k) fluoranthene	"	0.123	---	0.0971	"	"	"	"	"	
Chrysene	"	0.587	---	0.0971	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	---	0.0971	"	"	"	"	"	
Fluoranthene	"	3.04	---	0.0971	"	"	"	"	"	
Fluorene	"	21.7	---	0.971	"	50x	"	"	04/02/07 19:47	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.0971	"	5x	"	"	03/30/07 03:55	
Naphthalene	"	ND	---	7.28	"	"	"	"	"	RL1
Phenanthrene	"	20.8	---	0.971	"	50x	"	"	04/02/07 19:47	
Pyrene	"	2.96	---	0.0971	"	5x	"	"	03/30/07 03:55	
Surrogate(s): *Fluorene-d10*		*58.0%*			*25 - 125 %*	"			"	
Pyrene-d10		*103%*			*23 - 150 %*	"			"	
Benzo (a) pyrene-d12		*83.5%*			*10 - 125 %*	"			"	

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-03 (B36)		**Water**			**Sampled: 03/20/07 09:25**					
Acenaphthene	EPA 8270m	ND	----	0.245	ug/l	1x	7030928	03/23/07 15:55	03/30/07 00:51	RL1
Acenaphthylene	"	ND	----	0.0686	"	"	"	"	"	RL1
Anthracene	"	ND	----	0.0686	"	"	"	"	"	RL1
Benzo (a) anthracene	"	ND	----	0.0392	"	2x	"	"	04/02/07 21:21	RL1
Benzo (a) pyrene	"	ND	----	0.0196	"	1x	"	"	03/30/07 00:51	
Benzo (b) fluoranthene	"	ND	----	0.0196	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.0255**	----	0.0196	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0196	"	"	"	"	"	
Chrysene	"	ND	----	0.0392	"	2x	"	"	04/02/07 21:21	RL1
Dibenzo (a,h) anthracene	"	ND	----	0.0196	"	1x	"	"	03/30/07 00:51	
Fluoranthene	"	ND	----	0.0686	"	"	"	"	"	RL1
Fluorene	"	**0.724**	----	0.0196	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0196	"	"	"	"	"	
Naphthalene	"	ND	----	1.18	"	"	"	"	"	RL1
Phenanthrene	"	ND	----	0.0490	"	"	"	"	"	RL1
Pyrene	"	ND	----	0.196	"	2x	"	"	04/02/07 21:21	RL1
Surrogate(s): Fluorene-d10			*106%*		*25 - 125 %*	*1x*			*03/30/07 00:51*	
Pyrene-d10			*136%*		*23 - 150 %*	*2x*			*04/02/07 21:21*	
Benzo (a) pyrene-d12			*93.9%*		*10 - 125 %*	*1x*			*03/30/07 00:51*	
PQC0848-04 (B37)		**Water**			**Sampled: 03/20/07 11:25**					
Acenaphthene	EPA 8270m	**0.186**	----	0.0192	ug/l	1x	7030928	03/23/07 15:55	03/29/07 22:49	
Acenaphthylene	"	ND	----	0.0288	"	"	"	"	"	RL1
Anthracene	"	**0.0199**	----	0.0192	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0192	"	"	"	"	"	
Chrysene	"	ND	----	0.0192	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0192	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0192	"	"	"	"	"	
Fluorene	"	ND	----	0.0192	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0192	"	"	"	"	"	
Naphthalene	"	ND	----	0.962	"	"	"	"	"	RL1
Phenanthrene	"	**0.0517**	----	0.0192	"	"	"	"	"	
Pyrene	"	**0.0636**	----	0.0192	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*112%*		*25 - 125 %*	"			"	
Pyrene-d10			*130%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*102%*		*10 - 125 %*	"			"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL^	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-05 (U2)		**Water**			**Sampled: 03/21/07 10:40**					
Acenaphthene	EPA 8270m	**0.135**	—	0.0194	ug/l	1x	7030928	03/23/07 15:55	03/29/07 23:19	
Acenaphthylene	"	ND	—	0.0291	"	"	"	"	"	RL1
Anthracene	"	**0.0310**	—	0.0194	"	"	"	"	"	
Benzo (a) anthracene	"	ND	—	0.0194	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0194	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0194	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0194	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0194	"	"	"	"	"	
Chrysene	"	ND	—	0.0194	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0194	"	"	"	"	"	
Fluoranthene	"	**0.0447**	—	0.0194	"	"	"	"	"	
Fluorene	"	**0.451**	—	0.0194	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0194	"	"	"	"	"	
Naphthalene	"	ND	—	2.43	"	"	"	"	"	RL1
Phenanthrene	"	**0.163**	—	0.0194	"	"	"	"	"	
Pyrene	"	**0.0874**	—	0.0194	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*102%*		*25 - 125 %*	"				"	
Pyrene-d10		*121%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*102%*		*10 - 125 %*	"				"	
PQC0848-06 (U4)		**Water**			**Sampled: 03/21/07 09:20**					**RL3**
Acenaphthene	EPA 8270m	**2.92**	—	0.0980	ug/l	5x	7030928	03/23/07 15:55	03/30/07 04:26	
Acenaphthylene	"	ND	—	0.980	"	"	"	"	"	RL1
Anthracene	"	ND	—	1.96	"	"	"	"	"	RL1
Benzo (a) anthracene	"	ND	—	0.0980	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0980	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0980	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0980	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0980	"	"	"	"	"	
Chrysene	"	**0.104**	—	0.0980	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0980	"	"	"	"	"	
Fluoranthene	"	**0.263**	—	0.0980	"	"	"	"	"	
Fluorene	"	**11.2**	—	0.0980	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0980	"	"	"	"	"	
Naphthalene	"	ND	—	4.51	"	"	"	"	"	RL1
Phenanthrene	"	**6.69**	—	0.0980	"	"	"	"	"	
Pyrene	"	**1.06**	—	0.0980	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*78.0%*		*25 - 125 %*	"				"	
Pyrene-d10		*104%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*91.4%*		*10 - 125 %*	"				"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-07 (U14)		**Water**			**Sampled: 03/21/07 14:15**					
Acenaphthene	EPA 8270m	ND	----	0.0194	ug/l	1x	7030928	03/23/07 15:55	03/29/07 23:49	
Acenaphthylene	"	ND	----	0.0194	"	"	"	"	"	
Anthracene	"	ND	----	0.0194	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0194	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0194	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0194	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0194	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0194	"	"	"	"	"	
Chrysene	"	ND	----	0.0194	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0194	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0194	"	"	"	"	"	
Fluorene	"	**0.0284**	----	0.0194	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0194	"	"	"	"	"	
Naphthalene	"	ND	----	0.369	"	"	"	"	"	**RL1**
Phenanthrene	"	**0.0292**	----	0.0194	"	"	"	"	"	
Pyrene	"	ND	----	0.0194	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*102%*		*25 - 125 %*	"			"	
Pyrene-d10			*130%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*90.9%*		*10 - 125 %*	"			"	
PQC0848-08 (U15)		**Water**			**Sampled: 03/21/07 10:15**					
Acenaphthene	EPA 8270m	ND	----	0.0196	ug/l	1x	7030928	03/23/07 15:55	03/30/07 00:20	
Acenaphthylene	"	ND	----	0.0196	"	"	"	"	"	
Anthracene	"	ND	----	0.0196	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0196	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0196	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0196	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0196	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0196	"	"	"	"	"	
Chrysene	"	ND	----	0.0196	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0196	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0196	"	"	"	"	"	
Fluorene	"	**0.0211**	----	0.0196	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0196	"	"	"	"	"	
Naphthalene	"	ND	----	0.123	"	"	"	"	"	**RL1**
Phenanthrene	"	ND	----	0.0196	"	"	"	"	"	
Pyrene	"	ND	----	0.0196	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*100%*		*25 - 125 %*	"			"	
Pyrene-d10			*110%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*87.8%*		*10 - 125 %*	"			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-09 (U16)		Water			Sampled: 03/21/07 11:50					RL3
Acenaphthene	EPA 8270m	ND	—	0.583	ug/l	4x	7030928	03/23/07 15:55	03/30/07 04:57	RL1
Acenaphthylene	"	ND	—	0.233	"	"	"	"	"	RL1
Anthracene	"	ND	—	0.311	"	"	"	"	"	RL1
Benzo (a) anthracene	"	ND	—	0.0777	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0777	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0777	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0777	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0777	"	"	"	"	"	
Chrysene	"	0.0979	—	0.0777	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0777	"	"	"	"	"	
Fluoranthene	"	0.107	—	0.0777	"	"	"	"	"	
Fluorene	"	1.50	—	0.0777	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0777	"	"	"	"	"	
Naphthalene	"	ND	—	1.71	"	"	"	"	"	RL1
Phenanthrene	"	0.824	—	0.0777	"	"	"	"	"	
Pyrene	"	0.339	—	0.0777	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*72.0%*		*25 - 125 %*	"			"	
Pyrene-d10			*77.0%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*85.6%*		*10 - 125 %*	"			"	
PQC0848-10 (U17)		Water			Sampled: 03/21/07 11:30					RL3
Acenaphthene	EPA 8270m	ND	—	0.713	ug/l	4x	7030928	03/23/07 15:55	03/30/07 05:27	RL1
Acenaphthylene	"	ND	—	0.238	"	"	"	"	"	RL1
Anthracene	"	0.113	—	0.0792	"	"	"	"	"	
Benzo (a) anthracene	"	ND	—	0.0792	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0792	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0792	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0792	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0792	"	"	"	"	"	
Chrysene	"	ND	—	0.0792	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0792	"	"	"	"	"	
Fluoranthene	"	0.135	—	0.0792	"	"	"	"	"	
Fluorene	"	1.15	—	0.0792	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0792	"	"	"	"	"	
Naphthalene	"	ND	—	3.72	"	"	"	"	"	RL1
Phenanthrene	"	1.57	—	0.0792	"	"	"	"	"	
Pyrene	"	0.327	—	0.0792	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*74.2%*		*25 - 125 %*	"			"	
Pyrene-d10			*96.8%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*89.5%*		*10 - 125 %*	"			"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-11 (U18)		Water			Sampled: 03/21/07 13:35					RL3
Acenaphthene	EPA 8270m	**1.60**	----	0.192	ug/l	10x	7030928	03/23/07 15:55	03/30/07 05:58	
Acenaphthylene	"	ND	----	0.385	"	"	"	"	"	RL1
Anthracene	"	ND	----	0.192	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.192	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.192	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.192	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.192	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.192	"	"	"	"	"	
Chrysene	"	ND	----	0.192	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.192	"	"	"	"	"	
Fluoranthene	"	ND	----	0.192	"	"	"	"	"	
Fluorene	"	**5.40**	----	0.192	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.192	"	"	"	"	"	
Naphthalene	"	ND	----	3.08	"	"	"	"	"	RL1
Phenanthrene	"	**1.76**	----	0.192	"	"	"	"	"	
Pyrene	"	**0.277**	----	0.192	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*			*67.9%*		*25 - 125 %*	"			"	
Pyrene-d10			*78.8%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*78.8%*		*10 - 125 %*	"			"	
PQC0848-12 (U19)		Water			Sampled: 03/21/07 15:10					RL3
Acenaphthene	EPA 8270m	ND	----	0.175	ug/l	2x	7030928	03/23/07 15:55	03/30/07 07:30	RL1
Acenaphthylene	"	ND	----	0.0583	"	"	"	"	"	RL1
Anthracene	"	ND	----	0.175	"	"	"	"	"	RL1
Benzo (a) anthracene	"	0.0606	----	0.0388	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0388	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0388	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0388	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0388	"	"	"	"	"	
Chrysene	"	**0.0878**	----	0.0388	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0388	"	"	"	"	"	
Fluoranthene	"	**0.222**	----	0.0388	"	"	"	"	"	
Fluorene	"	**0.451**	----	0.0388	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0388	"	"	"	"	"	
Naphthalene	"	ND	----	5.83	"	"	"	"	"	RL1
Phenanthrene	"	**0.239**	----	0.0388	"	"	"	"	"	
Pyrene	"	**0.239**	----	0.0388	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*			*96.3%*		*25 - 125 %*	"			"	
Pyrene-d10			*92.6%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*94.7%*		*10 - 125 %*	"			"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-13 (U20)		Water			Sampled: 03/20/07 15:35					RL3
Acenaphthene	EPA 8270m	1.42	—	0.0777	ug/l	4x	7030928	03/23/07 15:55	03/30/07 06:29	
Acenaphthylene	"	ND	—	0.505	"	"	"	"	"	RL1
Anthracene	"	ND	—	0.233	"	"	"	"	"	RL1
Benzo (a) anthracene	"	ND	—	0.0777	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0777	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0777	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0777	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0777	"	"	"	"	"	
Chrysene	"	0.0921	—	0.0777	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0777	"	"	"	"	"	
Fluoranthene	"	0.0954	—	0.0777	"	"	"	"	"	
Fluorene	"	3.49	—	0.0777	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0777	"	"	"	"	"	
Naphthalene	"	ND	—	5.44	"	"	"	"	"	RL1
Phenanthrene	"	4.56	—	0.0777	"	"	"	"	"	
Pyrene	"	0.195	—	0.0777	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*85.6%*		*25 - 125 %*	"				"	
Pyrene-d10		*89.3%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*90.1%*		*10 - 125 %*	"				"	
PQC0848-14 (U21)		Water			Sampled: 03/20/07 15:00					RL3
Acenaphthene	EPA 8270m	1.29	—	0.0777	ug/l	4x	7030928	03/23/07 15:55	03/30/07 06:59	
Acenaphthylene	"	ND	—	0.854	"	"	"	"	"	RL1
Anthracene	"	0.170	—	0.0777	"	"	"	"	"	
Benzo (a) anthracene	"	0.0845	—	0.0777	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0777	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0777	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0777	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0777	"	"	"	"	"	
Chrysene	"	0.0987	—	0.0777	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0777	"	"	"	"	"	
Fluoranthene	"	0.298	—	0.0777	"	"	"	"	"	
Fluorene	"	1.24	—	0.0777	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0777	"	"	"	"	"	
Naphthalene	"	ND	—	8.16	"	20x	"	"	04/02/07 20:18	RL1
Phenanthrene	"	0.694	—	0.0777	"	4x	"	"	03/30/07 06:59	
Pyrene	"	0.330	—	0.0777	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*88.9%*		*25 - 125 %*	"				"	
Pyrene-d10		*85.2%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*85.2%*		*10 - 125 %*	"				"	

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes

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7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Total Metals by EPA 6000/7000 Series Methods

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-01 (B4)		**Water**			**Sampled: 03/21/07 08:40**					
Arsenic	EPA 6020	**0.0338**	—	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 18:16	
Barium	"	**0.0955**	—	0.0100	"	"	"	"	"	
Cadmium	"	ND	—	0.00100	"	"	"	"	"	
Chromium	"	**0.00182**	—	0.00100	"	"	"	"	"	
Copper	"	**0.00362**	—	0.00100	"	"	"	"	"	
Lead	"	**0.00159**	—	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	—	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 13:54	
Selenium	EPA 6020	ND	—	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 18:16	
Silver	"	ND	—	0.00100	"	"	"	"	"	
Zinc	"	**0.0182**	—	0.0100	"	"	"	"	"	
PQC0848-02 (B35)		**Water**			**Sampled: 03/20/07 09:55**					
Arsenic	EPA 6020	**0.0336**	—	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 18:21	
Barium	"	**0.272**	—	0.0100	"	"	"	"	"	
Cadmium	"	ND	—	0.00100	"	"	"	"	"	
Chromium	"	**0.0265**	—	0.00100	"	"	"	"	"	
Copper	"	**0.0270**	—	0.00100	"	"	"	"	"	
Lead	"	**0.0207**	—	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	—	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 13:56	
Selenium	EPA 6020	ND	—	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 18:21	
Silver	"	ND	—	0.00100	"	"	"	"	"	
Zinc	"	**0.114**	—	0.0100	"	"	"	"	"	
PQC0848-03 (B36)		**Water**			**Sampled: 03/20/07 09:25**					
Arsenic	EPA 6020	**0.0151**	—	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 18:27	
Barium	"	**0.259**	—	0.0100	"	"	"	"	"	
Cadmium	"	ND	—	0.00100	"	"	"	"	"	
Chromium	"	**0.0284**	—	0.00100	"	"	"	"	"	
Copper	"	**0.0384**	—	0.00100	"	"	"	"	"	
Lead	"	**0.00970**	—	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	—	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 14:20	
Selenium	EPA 6020	ND	—	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 18:27	
Silver	"	ND	—	0.00100	"	"	"	"	"	
Zinc	"	**0.0812**	—	0.0100	"	"	"	"	"	

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Total Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-04 (B37)		**Water**			**Sampled: 03/20/07 11:25**					
Arsenic	EPA 6020	**0.151**	----	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 18:33	
Barium	"	**0.0458**	----	0.0100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	ND	----	0.00100	"	"	"	"	"	
Copper	"	ND	----	0.00100	"	"	"	"	"	
Lead	"	ND	----	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	----	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 14:22	
Selenium	EPA 6020	ND	----	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 18:33	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	ND	----	0.0100	"	"	"	"	"	
PQC0848-05 (U2)		**Water**			**Sampled: 03/21/07 10:40**					
Arsenic	EPA 6020	**0.0181**	----	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 18:39	
Barium	"	**0.0702**	----	0.0100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	**0.00117**	----	0.00100	"	"	"	"	"	
Copper	"	**0.00481**	----	0.00100	"	"	"	"	"	
Lead	"	**0.00158**	----	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	----	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 14:25	
Selenium	EPA 6020	ND	----	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 18:39	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	**0.0266**	----	0.0100	"	"	"	"	"	
PQC0848-06 (U4)		**Water**			**Sampled: 03/21/07 09:20**					
Arsenic	EPA 6020	**0.0182**	----	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 18:45	
Barium	"	**0.0944**	----	0.0100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	**0.00308**	----	0.00100	"	"	"	"	"	
Copper	"	**0.00863**	----	0.00100	"	"	"	"	"	
Lead	"	**0.00253**	----	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	----	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 14:27	
Selenium	EPA 6020	ND	----	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 18:45	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	**0.0294**	----	0.0100	"	"	"	"	"	

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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Total Metals by EPA 6000/7000 Series Methods

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-07 (U14)		**Water**				**Sampled: 03/21/07 14:15**				
Arsenic	EPA 6020	**0.00993**	----	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 19:03	
Barium	"	**0.266**	----	0.0100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	**0.0141**	----	0.00100	"	"	"	"	"	
Copper	"	**0.0181**	----	0.00100	"	"	"	"	"	
Lead	"	**0.0250**	----	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	----	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 14:30	
Selenium	EPA 6020	**0.00152**	----	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 19:03	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	**0.0831**	----	0.0100	"	"	"	"	"	
PQC0848-08 (U15)		**Water**				**Sampled: 03/21/07 10:15**				
Arsenic	EPA 6020	**0.0751**	----	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 19:09	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	**0.0461**	----	0.00100	"	"	"	"	"	
Copper	"	**0.0581**	----	0.00100	"	"	"	"	"	
Lead	"	**0.0831**	----	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	----	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 14:32	
Selenium	EPA 6020	**0.00115**	----	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 19:09	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	**0.158**	----	0.0100	"	"	"	"	"	
PQC0848-08RE1 (U15)		**Water**				**Sampled: 03/21/07 10:15**				
Barium	EPA 6020	**0.416**	----	0.0200	mg/l	2x	7C28026	03/28/07 10:47	03/30/07 07:43	
PQC0848-09 (U16)		**Water**				**Sampled: 03/21/07 11:50**				
Arsenic	EPA 6020	**0.112**	----	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 19:15	
Cadmium	"	**0.00153**	----	0.00100	"	"	"	"	"	
Chromium	"	**0.0764**	----	0.00100	"	"	"	"	"	
Copper	"	**0.113**	----	0.00100	"	"	"	"	"	
Lead	"	**0.107**	----	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	**0.00135**	----	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 14:35	
Selenium	EPA 6020	**0.00174**	----	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 19:15	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	**0.260**	----	0.0100	"	"	"	"	"	

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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Total Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-09RE1 (U16)		**Water**				**Sampled: 03/21/07 11:50**				
Barium	EPA 6020	0.746	----	0.0500	mg/l	5x	7C28026	03/28/07 10:47	03/30/07 07:49	
PQC0848-10 (U17)		**Water**				**Sampled: 03/21/07 11:30**				
Arsenic	EPA 6020	0.0239	----	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 19:21	
Barium	"	0.141	----	0.0100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	0.0123	----	0.00100	"	"	"	"	"	
Copper	"	0.0185	----	0.00100	"	"	"	"	"	
Lead	"	0.0252	----	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	----	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 14:37	
Selenium	EPA 6020	ND	----	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 19:21	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	0.0454	----	0.0100	"	"	"	"	"	
PQC0848-11 (U18)		**Water**				**Sampled: 03/21/07 13:35**				
Arsenic	EPA 6020	0.0690	----	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 19:27	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	0.0539	----	0.00100	"	"	"	"	"	
Copper	"	0.0920	----	0.00100	"	"	"	"	"	
Lead	"	0.0642	----	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	----	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 14:40	
Selenium	EPA 6020	0.00132	----	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 19:27	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	0.213	----	0.0100	"	"	"	"	"	
PQC0848-11RE1 (U18)		**Water**				**Sampled: 03/21/07 13:35**				
Barium	EPA 6020	0.491	----	0.0200	mg/l	2x	7C28026	03/28/07 10:47	03/30/07 16:23	
PQC0848-12 (U19)		**Water**				**Sampled: 03/21/07 15:10**				
Arsenic	EPA 6020	0.0766	----	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 19:32	
Barium	"	0.262	----	0.0100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	0.0120	----	0.00100	"	"	"	"	"	
Copper	"	0.0224	----	0.00100	"	"	"	"	"	
Lead	"	0.0232	----	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	0.000201	----	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 15:09	
Selenium	EPA 6020	ND	----	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 19:32	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	0.139	----	0.0100	"	"	"	"	"	

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7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Total Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0848-13 (U20)		**Water**			**Sampled: 03/20/07 15:35**					
Arsenic	EPA 6020	**0.0500**	—	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 19:38	
Barium	"	**0.352**	—	0.0100	"	"	"	"	"	
Cadmium	"	ND	—	0.00100	"	"	"	"	"	
Chromium	"	**0.0411**	—	0.00100	"	"	"	"	"	
Copper	"	**0.0456**	—	0.00100	"	"	"	"	"	
Lead	"	**0.0534**	—	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	—	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 15:12	
Selenium	EPA 6020	**0.00103**	—	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 19:38	
Silver	"	ND	—	0.00100	"	"	"	"	"	
Zinc	"	**0.157**	—	0.0100	"	"	"	"	"	
PQC0848-14 (U21)		**Water**			**Sampled: 03/20/07 15:00**					
Arsenic	EPA 6020	**0.00828**	—	0.00100	mg/l	1x	7C28026	03/28/07 10:47	03/29/07 19:44	
Barium	"	**0.280**	—	0.0100	"	"	"	"	"	
Cadmium	"	ND	—	0.00100	"	"	"	"	"	
Chromium	"	**0.0244**	—	0.00100	"	"	"	"	"	
Copper	"	**0.0306**	—	0.00100	"	"	"	"	"	
Lead	"	**0.0241**	—	0.00100	"	"	"	"	"	
Mercury	EPA 7470A	ND	—	0.000200	"	"	7C28051	03/28/07 15:38	03/29/07 15:14	
Selenium	EPA 6020	ND	—	0.00100	"	"	7C28026	03/28/07 10:47	03/29/07 19:44	
Silver	"	ND	—	0.00100	"	"	"	"	"	
Zinc	"	**0.0886**	—	0.0100	"	"	"	"	"	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7
Tigard, OR 97223	Project Manager:	Brian Pletcher
		Report Created: 04/11/07 16:14

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030860 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7030860-BLK1)							Extracted: 03/22/07 10:27							
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	--	80.0	ug/l	1x	--	--	--	--	--	--	03/22/07 12:09	
Surrogate(s): 4-BFB		*Recovery: 97.0%*			*Limits: 50-150%*	"							*03/22/07 12:09*	
LCS (7030860-BS2)							Extracted: 03/22/07 10:27							
Gasoline Range Hydrocarbons	NW TPH-Gx	440	--	80.0	ug/l	1x	--	500	88.0%	(70-130)	--	--	03/22/07 10:46	
Surrogate(s): 4-BFB		*Recovery: 106%*			*Limits: 50-150%*	"							*03/22/07 10:46*	
LCS Dup (7030860-BSD2)							Extracted: 03/22/07 10:27							
Gasoline Range Hydrocarbons	NW TPH-Gx	433	--	80.0	ug/l	1x	--	500	86.6%	(70-130)	1.60%	(40)	03/22/07 11:13	
Surrogate(s): 4-BFB		*Recovery: 106%*			*Limits: 50-150%*	"							*03/22/07 11:13*	
Duplicate (7030860-DUP1)					QC Source: PQC0617-03		Extracted: 03/22/07 10:27							
Gasoline Range Hydrocarbons	NW TPH-Gx	3820	--	80.0	ug/l	1x	3650	--	--	--	4.55%	(40)	03/22/07 17:40	
Surrogate(s): 4-BFB		*Recovery: 414%*			*Limits: 50-150%*	"							*03/22/07 17:40*	ZX
Duplicate (7030860-DUP2)					QC Source: PQC0848-07		Extracted: 03/22/07 10:27							
Gasoline Range Hydrocarbons	NW TPH-Gx	112	--	80.0	ug/l	1x	208	--	--	--	60.0%	(40)	03/22/07 18:34	R3
Surrogate(s): 4-BFB		*Recovery: 102%*			*Limits: 50-150%*	"							*03/22/07 18:34*	

QC Batch: 7030922 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7030922-BLK1)							Extracted: 03/23/07 11:28							
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	--	80.0	ug/l	1x	--	--	--	--	--	--	03/23/07 11:43	
Surrogate(s): 4-BFB		*Recovery: 86.4%*			*Limits: 50-150%*	"							*03/23/07 11:43*	
LCS (7030922-BS1)							Extracted: 03/23/07 11:28							
Gasoline Range Hydrocarbons	NW TPH-Gx	426	--	80.0	ug/l	1x	--	500	85.2%	(70-130)	--	--	03/23/07 12:10	
Surrogate(s): 4-BFB		*Recovery: 95.8%*			*Limits: 50-150%*	"							*03/23/07 12:10*	
LCS Dup (7030922-BSD1)							Extracted: 03/23/07 11:28							
Gasoline Range Hydrocarbons	NW TPH-Gx	435	--	80.0	ug/l	1x	--	500	87.0%	(70-130)	2.09%	(40)	03/23/07 12:38	
Surrogate(s): 4-BFB		*Recovery: 93.0%*			*Limits: 50-150%*	"							*03/23/07 12:38*	
Duplicate (7030922-DUP1)					QC Source: PQC0854-01		Extracted: 03/23/07 11:28							
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	--	80.0	ug/l	1x	ND	--	--	--	NR	(40)	03/23/07 14:28	
Surrogate(s): 4-BFB		*Recovery: 84.2%*			*Limits: 50-150%*	"							*03/23/07 14:28*	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030897 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7030897-BLK1)								Extracted: 03/23/07 10:40						
Diesel Range Organics	NWTPH-Dx	ND	--	0.250	mg/l	1x	--	--	--	--	--	--	03/23/07 14:28	
Heavy Oil Range Hydrocarbons	"	ND	--	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 103%*			*Limits: 50-150%*	"							*03/23/07 14:28*	
LCS (7030897-BS1)								Extracted: 03/23/07 10:40						
Diesel Range Organics	NWTPH-Dx	2.63	--	0.250	mg/l	1x	--	2.54	104%	(50-150)	--	--	03/23/07 14:47	
Heavy Oil Range Hydrocarbons	"	1.57	--	0.500	"	"	--	1.58	99.4%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 98.3%*			*Limits: 50-150%*	"							*03/23/07 14:47*	
LCS Dup (7030897-BSD1)								Extracted: 03/23/07 10:40						
Diesel Range Organics	NWTPH-Dx	2.68	--	0.250	mg/l	1x	--	2.54	106%	(50-150)	1.88%	(50)	03/23/07 15:06	
Heavy Oil Range Hydrocarbons	"	1.60	--	0.500	"	"	--	1.58	101%	"	1.89%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 97.5%*			*Limits: 50-150%*	"							*03/23/07 15:06*	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030977 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7030977-BLK1)							Extracted: 03/26/07 10:12							
1,2-Dibromoethane	EPA 8260B	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	03/26/07 13:10	
1,2-Dichloroethane	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Benzene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): *4-BFB*		*Recovery:* *100%*			*Limits:* *80-120%*	"							*03/26/07 13:10*	
1,2-DCA-d4		*94.0%*			*80-120%*	"							"	
Dibromofluoromethane		*94.5%*			*80-120%*	"							"	
Toluene-d8		*100%*			*80-120%*	"							"	
LCS (7030977-BS1)							Extracted: 03/26/07 10:12							
1,2-Dibromoethane	EPA 8260B	21.8	---	0.500	ug/l	1x	--	20.0	109%	(80-140)	--	--	03/26/07 11:21	
1,2-Dichloroethane	"	20.0	---	0.500	"	"	--	"	100%	(75-135)	--	--	"	
Benzene	"	20.9	---	0.200	"	"	--	"	104%	(80-120)	--	--	"	
Toluene	"	21.1	---	0.500	"	"	--	"	106%	(80-125)	--	--	"	
Ethylbenzene	"	23.5	---	0.500	"	"	--	"	118%	(80-130)	--	--	"	
Xylenes (total)	"	69.4	---	1.00	"	"	--	60.0	116%	"	--	--	"	
Methyl tert-butyl ether	"	20.9	---	2.00	"	"	--	20.0	104%	(80-135)	--	--	"	
Naphthalene	"	24.7	---	2.00	"	"	--	"	124%	(60-150)	--	--	"	
1,2,4-Trimethylbenzene	"	23.4	---	1.00	"	"	--	"	117%	(75-125)	--	--	"	
1,3,5-Trimethylbenzene	"	23.3	---	0.500	"	"	--	"	116%	(75-135)	--	--	"	
Isopropylbenzene	"	23.5	---	2.00	"	"	--	"	118%	(80-140)	--	--	"	
n-Propylbenzene	"	23.5	---	0.500	"	"	--	"	118%	(80-130)	--	--	"	
Surrogate(s): *4-BFB*		*Recovery:* *104%*			*Limits:* *80-120%*	"							*03/26/07 11:21*	
1,2-DCA-d4		*94.5%*			*80-120%*	"							"	
Dibromofluoromethane		*100%*			*80-120%*	"							"	
Toluene-d8		*102%*			*80-120%*	"							"	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030977 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7030977-MS1)					QC Source: PQC0847-02				Extracted: 03/26/07 10:12					
1,2-Dibromoethane	EPA 8260B	20.1	—	0.500	ug/l	1x	ND	20.0	100%	(75-140)	--	--	03/26/07 11:48	
1,2-Dichloroethane	"	19.4	—	0.500	"	"	ND	"	97.0%	(79-130)	--	--	"	
Benzene	"	20.2	—	0.200	"	"	ND	"	101%	(80-125)	--	--	"	
Toluene	"	20.0	—	0.500	"	"	ND	"	100%	(65-135)	--	--	"	
Ethylbenzene	"	22.2	—	0.500	"	"	ND	"	111%	(80-125)	--	--	"	
Xylenes (total)	"	67.0	—	1.00	"	"	ND	60.0	112%	(70-130)	--	--	"	
Methyl tert-butyl ether	"	19.7	—	2.00	"	"	ND	20.0	98.5%	(70-150)	--	--	"	
Naphthalene	"	20.7	—	2.00	"	"	ND	"	104%	(55-145)	--	--	"	
1,2,4-Trimethylbenzene	"	22.0	—	1.00	"	"	ND	"	110%	(80-136)	--	--	"	
1,3,5-Trimethylbenzene	"	22.1	—	0.500	"	"	ND	"	110%	(70-140)	--	--	"	
Isopropylbenzene	"	22.4	—	2.00	"	"	ND	"	112%	(60-135)	--	--	"	
n-Propylbenzene	"	22.6	—	0.500	"	"	ND	"	113%	(70-135)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*103%*		*Limits: 80-120%*	"							*03/26/07 11:48*	
	1,2-DCA-d4		*93.0%*		*80-120%*	"							"	
	Dibromofluoromethane		*101%*		*80-120%*	"							"	
	Toluene-d8		*101%*		*80-120%*	"							"	
Matrix Spike Dup (7030977-MSD1)					QC Source: PQC0847-02				Extracted: 03/26/07 10:12					
1,2-Dibromoethane	EPA 8260B	20.6	—	0.500	ug/l	1x	ND	20.0	103%	(75-140)	2.46%	(25)	03/26/07 12:15	
1,2-Dichloroethane	"	19.7	—	0.500	"	"	ND	"	98.5%	(79-130)	1.53%	"	"	
Benzene	"	19.6	—	0.200	"	"	ND	"	98.0%	(80-125)	3.02%	"	"	
Toluene	"	19.7	—	0.500	"	"	ND	"	98.5%	(65-135)	1.51%	"	"	
Ethylbenzene	"	21.9	—	0.500	"	"	ND	"	110%	(80-125)	1.36%	"	"	
Xylenes (total)	"	65.1	—	1.00	"	"	ND	60.0	108%	(70-130)	2.88%	"	"	
Methyl tert-butyl ether	"	19.9	—	2.00	"	"	ND	20.0	99.5%	(70-150)	1.01%	"	"	
Naphthalene	"	20.8	—	2.00	"	"	ND	"	104%	(55-145)	0.482%	"	"	
1,2,4-Trimethylbenzene	"	21.4	—	1.00	"	"	ND	"	107%	(80-136)	2.76%	"	"	
1,3,5-Trimethylbenzene	"	21.7	—	0.500	"	"	ND	"	108%	(70-140)	1.83%	"	"	
Isopropylbenzene	"	21.7	—	2.00	"	"	ND	"	108%	(60-135)	3.17%	"	"	
n-Propylbenzene	"	22.2	—	0.500	"	"	ND	"	111%	(70-135)	1.79%	"	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*103%*		*Limits: 80-120%*	"							*03/26/07 12:15*	
	1,2-DCA-d4		*94.5%*		*80-120%*	"							"	
	Dibromofluoromethane		*100%*		*80-120%*	"							"	
	Toluene-d8		*101%*		*80-120%*	"							"	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030928 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7030928-BLK1)								Extracted: 03/23/07 15:55						
Acenaphthene	EPA 8270m	ND	---	0.0200	ug/l	1x	--	--	--	--	--	--	03/29/07 22:18	
Acenaphthylene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Surrogate(s): *Fluorene-d10*		*Recovery:* *88.4%*			*Limits: 75-125%*	"							*03/29/07 22:18*	
Pyrene-d10		*99.6%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*92.0%*			*10-125%*	"							"	
LCS (7030928-BS1)								Extracted: 03/23/07 15:55						
Acenaphthene	EPA 8270m	2.42	---	0.0200	ug/l	1x	--	2.50	96.8%	(35-120)	--	--	03/30/07 08:31	
Acenaphthylene	"	2.31	---	0.0200	"	"	--	"	92.4%	(34-116)	--	--	"	
Anthracene	"	2.58	---	0.0200	"	"	--	"	103%	(24-119)	--	--	"	
Benzo (a) anthracene	"	2.81	---	0.0200	"	"	--	"	112%	(36-128)	--	--	"	
Benzo (a) pyrene	"	2.74	---	0.0200	"	"	--	"	110%	(17-128)	--	--	"	
Benzo (b) fluoranthene	"	2.86	---	0.0200	"	"	--	"	114%	(37-131)	--	--	"	
Benzo (ghi) perylene	"	2.82	---	0.0200	"	"	--	"	113%	(26-126)	--	--	"	
Benzo (k) fluoranthene	"	2.72	---	0.0200	"	"	--	"	109%	(18-145)	--	--	"	
Chrysene	"	2.90	---	0.0200	"	"	--	"	116%	(16-137)	--	--	"	
Dibenzo (a,h) anthracene	"	3.06	---	0.0200	"	"	--	"	122%	(20-141)	--	--	"	
Fluoranthene	"	2.79	---	0.0200	"	"	--	"	112%	(31-125)	--	--	"	
Fluorene	"	2.86	---	0.0200	"	"	--	"	114%	(27-124)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	3.00	---	0.0200	"	"	--	"	120%	(30-135)	--	--	"	
Naphthalene	"	2.38	---	0.0200	"	"	--	"	95.2%	(30-113)	--	--	"	
Phenanthrene	"	2.82	---	0.0200	"	"	--	"	113%	(34-126)	--	--	"	
Pyrene	"	2.95	---	0.0200	"	"	--	"	118%	(21-141)	--	--	"	
Surrogate(s): *Fluorene-d10*		*Recovery:* *107%*			*Limits: 25-125%*	"							*03/30/07 08:31*	
Pyrene-d10		*107%*			*23-150%*	"							"	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7
Tigard, OR 97223	Project Manager:	Brian Pletcher
		Report Created: 04/11/07 16:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030928 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7030928-BS1)							Extracted: 03/23/07 15:55							
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 98.4%*			*Limits: 10-125%*	1x							*03/30/07 08:31*	
LCS Dup (7030928-BSD1)							Extracted: 03/23/07 15:55							
Acenaphthene	EPA 8270m	2.47	---	0.0200	ug/l	1x	--	2.50	98.8%	(35-120)	2.04%	(50)	03/30/07 09:01	
Acenaphthylene	"	2.38	---	0.0200	"	"	--	"	95.2%	(34-116)	2.99%	"	"	
Anthracene	"	2.85	---	0.0200	"	"	--	"	114%	(24-119)	10.1%	"	"	
Benzo (a) anthracene	"	2.96	---	0.0200	"	"	--	"	118%	(36-128)	5.22%	"	"	
Benzo (a) pyrene	"	2.94	---	0.0200	"	"	--	"	118%	(17-128)	7.02%	"	"	
Benzo (b) fluoranthene	"	2.97	---	0.0200	"	"	--	"	119%	(37-131)	4.29%	"	"	
Benzo (ghi) perylene	"	2.96	---	0.0200	"	"	--	"	118%	(26-126)	4.33%	"	"	
Benzo (k) fluoranthene	"	2.77	---	0.0200	"	"	--	"	111%	(18-145)	1.82%	"	"	
Chrysene	"	3.04	---	0.0200	"	"	--	"	122%	(16-137)	5.04%	"	"	
Dibenzo (a,h) anthracene	"	3.14	---	0.0200	"	"	--	"	126%	(20-141)	3.23%	"	"	
Fluoranthene	"	2.94	---	0.0200	"	"	--	"	118%	(31-125)	5.22%	"	"	
Fluorene	"	3.12	---	0.0200	"	"	--	"	125%	(27-124)	9.21%	"	"	L5
Indeno (1,2,3-cd) pyrene	"	3.11	---	0.0200	"	"	--	"	124%	(30-135)	3.28%	"	"	
Naphthalene	"	2.42	---	0.0200	"	"	--	"	96.8%	(30-113)	1.67%	"	"	
Phenanthrene	"	2.99	---	0.0200	"	"	--	"	120%	(34-126)	6.01%	"	"	
Pyrene	"	3.23	---	0.0200	"	"	--	"	129%	(21-141)	8.91%	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 118%*			*Limits: 25-125%*	"							*03/30/07 09:01*	
Pyrene-d10		*119%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*109%*			*10-125%*	"							"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7C28026 **Water Preparation Method: EPA 3020A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7C28026-BLK1)								Extracted: 03/28/07 10:47						
Zinc	EPA 6020	ND	--	0.0100	mg/l	1x	--	--	--	--	--	--	03/29/07 16:58	
Arsenic	"	ND	--	0.00100	"	"	--	--	--	--	--	--	"	
Lead	"	ND	--	0.00100	"	"	--	--	--	--	--	--	"	
Selenium	"	ND	--	0.00100	"	"	--	--	--	--	--	--	"	
Barium	"	ND	--	0.0100	"	"	--	--	--	--	--	--	"	
Cadmium	"	ND	--	0.00100	"	"	--	--	--	--	--	--	"	
Copper	"	ND	--	0.00100	"	"	--	--	--	--	--	--	"	
Silver	"	ND	--	0.00100	"	"	--	--	--	--	--	--	"	
Chromium	"	ND	--	0.00100	"	"	--	--	--	--	--	--	"	
LCS (7C28026-BS1)								Extracted: 03/28/07 10:47						
Zinc	EPA 6020	0.0882	--	0.0100	mg/l	1x	--	0.0800	110%	(80-120)	--	--	03/29/07 17:04	
Arsenic	"	0.0786	--	0.00100	"	"	--	"	98.2%	"	--	--	"	
Silver	"	0.0943	--	0.00100	"	"	--	"	118%	"	--	--	"	
Barium	"	0.0890	--	0.0100	"	"	--	"	111%	"	--	--	"	
Selenium	"	0.0730	--	0.00100	"	"	--	"	91.2%	"	--	--	"	
Cadmium	"	0.0864	--	0.00100	"	"	--	"	108%	"	--	--	"	
Chromium	"	0.0900	--	0.00100	"	"	--	"	112%	"	--	--	"	
Copper	"	0.0926	--	0.00100	"	"	--	"	116%	"	--	--	"	
Lead	"	0.0830	--	0.00100	"	"	--	"	104%	"	--	--	"	
Duplicate (7C28026-DUP1)					QC Source: BQC0573-12			Extracted: 03/28/07 10:47						
Cadmium	EPA 6020	ND	--	0.00100	mg/l	1x	ND	--	--	--	NR	(20)	03/29/07 17:22	R4
Copper	"	0.00387	--	0.00100	"	"	0.00369	--	--	--	4.76%	"	"	
Chromium	"	ND	--	0.00100	"	"	ND	--	--	--	7.14%	"	"	R4
Lead	"	ND	--	0.00100	"	"	ND	--	--	--	26.7%	"	"	R4
Selenium	"	0.00229	--	0.00100	"	"	0.00219	--	--	--	4.46%	"	"	
Zinc	"	0.0142	--	0.0100	"	"	0.0134	--	--	--	5.80%	"	"	
Silver	"	ND	--	0.00100	"	"	ND	--	--	--	82.4%	(50)	"	R4
Arsenic	"	0.0193	--	0.00100	"	"	0.0183	--	--	--	5.32%	(20)	"	
Barium	"	0.0294	--	0.0100	"	"	0.0280	--	--	--	4.88%	"	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7C28026 **Water Preparation Method: EPA 3020A**

Analyte	Method	Result	MDL^	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7C28026-MS1)					QC Source: BQC0573-12				Extracted: 03/28/07 10:47					
Silver	EPA 6020	0.0841	---	0.00100	mg/l	1x	0.0000500	0.0800	105%	(21-142)	--	--	03/29/07 17:16	
Zinc	"	0.0819	---	0.0100	"	"	0.0134	"	85.6%	(68-128)	--	--	"	
Chromium	"	0.0899	---	0.00100	"	"	0.000810	"	111%	(80-120)	--	--	"	
Copper	"	0.0870	---	0.00100	"	"	0.00369	"	104%	(70-125)	--	--	"	
Selenium	"	0.0718	---	0.00100	"	"	0.00219	"	87.0%	(78-120)	--	--	"	
Arsenic	"	0.102	---	0.00100	"	"	0.0183	"	105%	(75-125)	--	--	"	
Barium	"	0.114	---	0.0100	"	"	0.0280	"	108%	(53-142)	--	--	"	
Cadmium	"	0.0786	---	0.00100	"	"	ND	"	98.2%	(80-120)	--	--	"	
Lead	"	0.0855	---	0.00100	"	"	0.000130	"	107%	"	--	--	"	
Post Spike (7C28026-PS1)					QC Source: BQC0573-12				Extracted: 03/28/07 10:47					
Selenium	EPA 6020	0.0864	---		ug/ml	1x	0.00219	0.100	84.2%	(75-125)	--	--	03/29/07 17:10	
Copper	"	0.104	---		"	"	0.00369	0.101	99.3%	"	--	--	"	
Chromium	"	0.109	---		"	"	0.000810	0.100	108%	"	--	--	"	
Cadmium	"	0.0942	---		"	"	0.0000900	"	94.1%	"	--	--	"	
Zinc	"	0.0949	---		"	"	0.0134	0.0995	81.9%	"	--	--	"	
Silver	"	0.0954	---		"	"	0.0000500	0.100	95.4%	"	--	--	"	
Lead	"	0.0999	---		"	"	0.000130	0.0995	100%	"	--	--	"	
Barium	"	0.133	---		"	"	0.0280	"	106%	"	--	--	"	
Arsenic	"	0.125	---		"	"	0.0183	0.100	107%	"	--	--	"	

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Sarah Rockwell, Project Manager

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7C28051 **Water Preparation Method: EPA 7470A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7C28051-BLK1)								Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	ND	--	0.000200	mg/l	1x	--	--	--	--	--	--	03/29/07 13:34	
LCS (7C28051-BS1)								Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	0.00460	--	0.000200	mg/l	1x	--	0.00500	92.0%	(80-120)	--	--	03/29/07 13:37	
LCS Dup (7C28051-BSD1)								Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	0.00485	--	0.000200	mg/l	1x	--	0.00500	97.0%	(80-120)	5.29%	(20)	03/29/07 13:39	
Duplicate (7C28051-DUP1)				QC Source: BQC0571-01				Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	ND	--	0.000200	mg/l	1x	ND	--	--	--	NR	(20)	03/29/07 14:17	R4
Matrix Spike (7C28051-MS1)				QC Source: BQC0571-01				Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	0.00512	--	0.000200	mg/l	1x	ND	0.00500	102%	(70-130)	--	--	03/29/07 13:42	
Matrix Spike (7C28051-MS2)				QC Source: BQC0572-01				Extracted: 03/28/07 15:38						
Mercury	EPA 7470A	0.00499	--	0.000200	mg/l	1x	ND	0.00500	99.8%	(70-130)	--	--	03/29/07 13:44	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:14

Notes and Definitions

Report Specific Notes:

A-01	-	Detected hydrocarbons appear to be due to heavy gas/light diesel range components as well as weathered diesel.
A-02	-	Detected hydrocarbons appear to be due to heavy gas/light diesel range components as well as biogenic interference.
L5	-	Analyte recovery outside of specified criteria. Individual analyte criteria exceedences allowed for multi-component analyses without disqualification of data per NELAC Standard, DOD QSM and/or AFCEE QAPP.
Q12	-	Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel or possibly biogenic interference.
Q13	-	Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
Q4	-	The hydrocarbons present are a complex mixture of diesel range and heavy oil range organics.
Q9	-	Hydrocarbon pattern most closely resembles weathered diesel.
R3	-	The RPD exceeded the acceptance limit due to sample matrix effects.
R4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
RL1	-	Reporting limit raised due to sample matrix effects.
RL3	-	Reporting limit raised due to high concentrations of non-target analytes.
ZX	-	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Sarah Rockwell, Project Manager

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11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: PCC548

CLIENT: Delta Consultants
REPORT TO: Brian Fletcher
ADDRESS: 7150 SW Hampton #220
Tigard, OR 97223
PHONE: 503-639-8098 FAX: 726/9

INVOICE TO: Mike Nell
Conoco Phillips
P.O. NUMBER:

PROJECT NAME: Conoco Phillips Willbridge
PROJECT NUMBER: CR20922-GW7
SAMPLED BY: K. McQuinn / N. Lewis

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: BTEX	PAHs	Metals	TPH-Dx	TPH-G	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
		HCl	–	HNO3	HCl	H2SO4					
1 B4	3/21/07 0840		X	X	X			W	6		
2 B35	3/20/07 0955		X	X	X			W	6		
3 B36	3/20/07 0925		X	X	X			W	6		
4 B37	3/20/07 1125		X	X	X			W	6		
5 U2	3/21/07 1040		X	X	X			W	11	hold extra bottles	
6 U4	3/21/07 0920		X	X	X			W	6		
7 U14	3/21/07 1415		X	X	X	X	X	W	11		
8 U15	3/21/07 1015		X	X	X	X	X	W	11		
9 U16	3/21/07 1150		X	X	X	X	X	W	11		
10 U17	3/21/07 1130		X	X	X	X	X	W	11		

RELEASED BY: [signature] DATE: 3/21/07
PRINT NAME: Katy McQuinn FIRM: Delta TIME: 1630

RECEIVED BY: [signature] DATE: 3/21/07
PRINT NAME: Bob F FIRM: TAP TIME: 16:30

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE: 1/06
PRINT NAME: FIRM: TIME: 17:35

ADDITIONAL REMARKS:

TEMP: 6.6 12.8 6.3 2.9

COC REV 01/2006

PAGE 1 OF 2

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project.
Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

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9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: PQL0243

CLIENT: Delta Consultants

INVOICE TO:

REPORT TO:
ADDRESS: See P. 1

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME: ConocoPhillips Willbridge

PROJECT NUMBER: OR2/922-GW7

SAMPLED BY:

PRESERVATIVE: HCl - HNO3 HCl HCl

REQUESTED ANALYSES

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analytes: 10 | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analytes: 5 | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	BTEX	BAHs	metals	TPH-Dx	TPH-G	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	TA WO ID
1	U18	3/21/07 1335	X	X	X	X	X	W	11		
2	U19	3/21/07 1510	X	X	X	X	X	W	11		
3	U20	3/20/07 1535	X	X	X	X	X	W	11		
4	U21	3/20/07 1500	X	X	X	X	X	W	11		
5											
6											
7											
8											
9											
10											

RELEASED BY: [signature] DATE: 3/21/07
PRINT NAME: Katy McQuinn FIRM: Delta TIME: 1630

RECEIVED BY: [signature] DATE: 3/21/07
PRINT NAME: Bob F FIRM: TAP TIME: 16:30

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE: lab
PRINT NAME: FIRM: TIME: 17:35

ADDITIONAL REMARKS:

TEMP: 16.6 12.8 6.3 2.9

COC REV 05/2006

PAGE 2 of 2

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project.
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TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)
Date: 3/21/07
Time: 16:54
Initials: [illegible]

Logged-in By:
Date: 3/22/07
Initials: [illegible]

Unpacked/Labeled By:
Date: 3/22/07
Initials: [illegible]

Cooler ID: 363 456 010 (___ of ___)
Work Order No. 9353 PQC0848
Client: Delta
Project: Conoco Philips Willbridge

Container Type:
4 Cooler
___ Box
___ None/Other ___

COC Seals:
___ Ship. Container ___ Sign By
___ On Bottles ___ Date
X None

Packing Material
___ Bubble Bags ___ Styrofoam
___ Foam Packs
X None/Other Other ___

Refrigerant:
___ Gel Ice Pack ___ None
X Loose Ice
___ None/Other ___

Received Via: Bill#
___ Fed Ex ___ Client
___ UPS X NCA Courier
___ DHL ___ Mid Valley
___ Senvoy ___ TDP
___ GS ___ Other ___

Cooler Temperature (IR): 12.8 °C Plastic Glass (circle one) (Frozen filters, Tedlars and aqueous Metals exempt)
66
63
29

Temperature Blank? ___ °C or NA

Trip Blank? Y or N or NA not on COC

Sample Containers:

		ID			ID
Intact?	Y or N		Metals Preserved?	Y or N or NA	
Provided by NCA?	Y or N		Client QAPP Preserved?	Y or N or NA	
Correct Type?	Y or N		Adequate Volume? (for tests requested)	Y or N	*see NOD
#Containers match COC?	Y or N	*missing labels	Water VOAs: Headspace?	Y or N or NA	
IDs/time/date match COC?	Y or N	*missing labels	Comments:	SEE NOD	
Hold Times in hold?	Y or N				

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments, Problems ___

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ___/___ Date Time

PM Initials: ___ Date: ___ Time: ___

(rev 3 09/12/05)

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

April 11, 2007

Brian Pletcher
Delta Environmental Consultants - Tigard
7150 SW Hampton - Suite 220
Tigard, OR 97223

RE: Willbridge / CP

Enclosed are the results of analyses for samples received by the laboratory on 03/21/07 17:35. The following list is a summary of the Work Orders contained in this report, generated on 04/11/07 16:46.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PQC0847	Willbridge / CP	ORZ0922-GW7

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B40	PQC0847-01	Water	03/20/07 11:20	03/21/07 17:35
P1	PQC0847-02	Water	03/20/07 12:00	03/21/07 17:35
U5	PQC0847-03	Water	03/20/07 11:55	03/21/07 17:35

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:46

Total Metals per EPA 6000/7000 Series Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0847-01 (B40)		Water			Sampled: 03/20/07 11:20					
Arsenic	EPA 6020	0.0214	—	0.000800	mg/l	1x	7030925	03/23/07 11:36	03/27/07 20:08	
Barium	"	0.0808	—	0.000800	"	"	"	"	"	
Cadmium	"	ND	—	0.000752	"	10x	"	"	03/28/07 22:26	RL1
Chromium	"	0.00185	—	0.000800	"	1x	"	"	03/27/07 20:08	
Copper	"	0.00712	—	0.00160	"	"	"	"	"	
Lead	"	0.00201	—	0.000800	"	"	"	"	"	
Selenium	"	ND	—	0.00160	"	"	"	"	"	
Silver	"	ND	—	0.000800	"	"	"	"	"	
Zinc	"	0.0570	—	0.00400	"	"	"	"	"	
PQC0847-02 (P1)		Water			Sampled: 03/20/07 12:00					
Arsenic	EPA 6020	ND	—	0.000800	mg/l	1x	7030925	03/23/07 11:36	03/27/07 20:24	
Barium	"	0.0208	—	0.000800	"	"	"	"	"	
Cadmium	"	ND	—	0.000752	"	10x	"	"	03/28/07 22:46	RL1
Chromium	"	0.00226	—	0.000800	"	1x	"	"	03/27/07 20:24	
Copper	"	0.00311	—	0.00160	"	"	"	"	"	
Lead	"	ND	—	0.000800	"	"	"	"	"	
Selenium	"	ND	—	0.00160	"	"	"	"	"	
Silver	"	ND	—	0.000800	"	"	"	"	"	
Zinc	"	0.00698	—	0.00400	"	"	"	"	"	
PQC0847-03 (U5)		Water			Sampled: 03/20/07 11:55					
Arsenic	EPA 6020	0.0117	—	0.000800	mg/l	1x	7030925	03/23/07 11:36	03/27/07 20:32	
Barium	"	0.301	—	0.000800	"	"	"	"	"	
Cadmium	"	0.00145	—	0.000752	"	10x	"	"	03/28/07 22:54	RL1
Chromium	"	0.0268	—	0.000800	"	1x	"	"	03/27/07 20:32	
Copper	"	0.0548	—	0.00160	"	"	"	"	"	
Lead	"	0.0432	—	0.000800	"	"	"	"	"	
Selenium	"	ND	—	0.00160	"	"	"	"	"	
Silver	"	ND	—	0.000800	"	"	"	"	"	
Zinc	"	2.13	—	0.0400	"	10x	"	"	03/28/07 22:54	RL7

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/11/07 16:46

Mercury by EPA Method 1631E

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0847-01 (B40)		**Water**				**Sampled: 03/20/07 11:20**				
Mercury	EPA 1631E	ND	—	0.00500	ug/l	1x	7040043	04/02/07 11:07	04/03/07 11:29	
PQC0847-02 (P1)		**Water**				**Sampled: 03/20/07 12:00**				
Mercury	EPA 1631E	ND	—	0.00500	ug/l	1x	7040043	04/02/07 11:07	04/03/07 11:32	
PQC0847-03 (U5)		**Water**				**Sampled: 03/20/07 11:55**				
Mercury	EPA 1631E	0.0248	—	0.00500	ug/l	1x	7040043	04/02/07 11:07	04/03/07 11:34	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / CP**
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7
Tigard, OR 97223	Project Manager:	Brian Pletcher
		Report Created: 04/11/07 16:46

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0847-01 (B40)		**Water**			**Sampled: 03/20/07 11:20**					
Benzene	EPA 8260B	**15.2**	---	0.400	ug/l	2x	7030977	03/26/07 10:12	03/26/07 15:27	
Toluene	"	**2.74**	---	1.00	"	"	"	"	"	
Ethylbenzene	"	**86.0**	---	1.00	"	"	"	"	"	
Xylenes (total)	"	**213**	---	2.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	---	4.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*101%*		*80 - 120 %*		*1x*			"	
1,2-DCA-d4		*91.0%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*93.5%*		*80 - 120 %*		"			"	
Toluene-d8		*100%*		*80 - 120 %*		"			"	
PQC0847-02 (P1)		**Water**			**Sampled: 03/20/07 12:00**					
Benzene	EPA 8260B	ND	---	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 14:32	
Toluene	"	ND	---	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	---	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	---	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*97.0%*		*80 - 120 %*		"			"	
1,2-DCA-d4		*95.0%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*94.0%*		*80 - 120 %*		"			"	
Toluene-d8		*99.5%*		*80 - 120 %*		"			"	
PQC0847-03 (U5)		**Water**			**Sampled: 03/20/07 11:55**					
Benzene	EPA 8260B	ND	---	0.200	ug/l	1x	7030977	03/26/07 10:12	03/26/07 15:00	
Toluene	"	ND	---	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	---	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	---	1.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	---	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*100%*		*80 - 120 %*		"			"	
1,2-DCA-d4		*95.5%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*95.5%*		*80 - 120 %*		"			"	
Toluene-d8		*100%*		*80 - 120 %*		"			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/11/07 16:46

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0847-01 (B40)		**Water**			**Sampled: 03/20/07 11:20**					**RL3**
Acenaphthene	EPA 8270m	**26.0**	----	4.98	ug/l	500x	7031022	03/27/07 12:25	04/05/07 03:06	
Benzo (a) anthracene	"	**2.01**	----	0.0995	"	20x	"	"	04/09/07 14:19	
Acenaphthylene	"	ND	----	9.95	"	500x	"	"	04/05/07 03:06	**RL1**
Benzo (a) pyrene	"	**0.749**	----	0.0995	"	20x	"	"	04/09/07 14:19	
Anthracene	"	ND	----	9.95	"	500x	"	"	04/05/07 03:06	**RL1**
Benzo (b) fluoranthene	"	ND	----	0.498	"	20x	"	"	04/09/07 14:19	**RL1**
Benzo (k) fluoranthene	"	ND	----	0.498	"	"	"	"	"	**RL1**
Chrysene	"	**3.86**	----	0.0995	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	**0.298**	----	0.0995	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	4.98	"	500x	"	"	04/05/07 03:06	
Indeno (1,2,3-cd) pyrene	"	**0.167**	----	0.0995	"	20x	"	"	04/09/07 14:19	
Fluoranthene	"	ND	----	4.98	"	500x	"	"	04/05/07 03:06	
Fluorene	"	**40.5**	----	4.98	"	"	"	"	"	
Naphthalene	"	**389**	----	4.98	"	"	"	"	"	
Phenanthrene	"	**87.0**	----	4.98	"	"	"	"	"	
Pyrene	"	**16.6**	----	4.98	"	"	"	"	"	
Surrogate(s): *Benzo (a) pyrene-d12*		*69.0%*		*10 - 125 %*		*20x*			*04/09/07 14:19*	
Fluorene-d10		*NR*		*25 - 125 %*		*500x*			*04/05/07 03:06*	*Z3*
Pyrene-d10		*NR*		*23 - 150 %*		"			"	*Z3*
Benzo (a) pyrene-d12		*NR*		*10 - 125 %*		"			"	*Z3*
PQC0847-02 (P1)		**Water**			**Sampled: 03/20/07 12:00**					
Acenaphthene	EPA 8270m	ND	----	0.00976	ug/l	1x	7031022	03/27/07 12:25	04/04/07 04:00	
Benzo (a) anthracene	"	ND	----	0.00488	"	"	"	"	04/07/07 03:59	
Acenaphthylene	"	ND	----	0.00976	"	"	"	"	04/04/07 04:00	
Benzo (a) pyrene	"	ND	----	0.00488	"	"	"	"	04/07/07 03:59	
Anthracene	"	ND	----	0.00976	"	"	"	"	04/04/07 04:00	
Benzo (b) fluoranthene	"	ND	----	0.00488	"	"	"	"	04/07/07 03:59	
Benzo (k) fluoranthene	"	ND	----	0.00488	"	"	"	"	"	
Chrysene	"	ND	----	0.00488	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.00488	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.00976	"	"	"	"	04/04/07 04:00	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.00488	"	"	"	"	04/07/07 03:59	
Fluoranthene	"	ND	----	0.00976	"	"	"	"	04/04/07 04:00	
Fluorene	"	ND	----	0.00976	"	"	"	"	"	
Naphthalene	"	ND	----	0.0341	"	"	"	"	"	**RL1**
Phenanthrene	"	**0.0139**	----	0.00976	"	"	"	"	"	
Pyrene	"	**0.0134**	----	0.00976	"	"	"	"	"	
Surrogate(s): *Benzo (a) pyrene-d12*		*81.8%*		*10 - 125 %*		"			*04/07/07 03:59*	
Fluorene-d10		*107%*		*25 - 125 %*		"			*04/04/07 04:00*	
Pyrene-d10		*113%*		*23 - 150 %*		"			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:46

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQC0847-02 (P1)		Water			Sampled: 03/20/07 12:00					
Benzo (a) pyrene-d12			*87.7%*		*10 - 125 %*	*1x*			*04/04/07 04:00*	
PQC0847-03 (U5)		Water			Sampled: 03/20/07 11:55					**RL3**
Acenaphthene	EPA 8270m	4.58	---	0.194	ug/l	20x	7031022	03/27/07 12:25	04/05/07 16:52	
Benzo (a) anthracene	"	0.189	---	0.0243	"	5x	"	"	04/07/07 04:30	
Acenaphthylene	"	ND	---	1.17	"	20x	"	"	04/05/07 16:52	RL1
Benzo (a) pyrene	"	0.0981	---	0.0243	"	5x	"	"	04/07/07 04:30	
Anthracene	"	ND	---	2.14	"	20x	"	"	04/05/07 16:52	RL1
Benzo (b) fluoranthene	"	ND	---	0.0971	"	5x	"	"	04/07/07 04:30	RL1
Benzo (k) fluoranthene	"	ND	---	0.0971	"	"	"	"	"	RL1
Chrysene	"	0.403	---	0.0243	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	0.0577	---	0.0243	"	"	"	"	"	
Benzo (ghi) perylene	"	0.420	---	0.194	"	20x	"	"	04/05/07 16:52	
Indeno (1,2,3-cd) pyrene	"	0.0459	---	0.0243	"	5x	"	"	04/07/07 04:30	
Fluoranthene	"	ND	---	0.388	"	20x	"	"	04/05/07 16:52	RL1
Fluorene	"	12.5	---	0.194	"	"	"	"	"	
Naphthalene	"	ND	---	5.44	"	"	"	"	"	RL1
Phenanthrene	"	11.6	---	0.194	"	"	"	"	"	
Pyrene	"	2.56	---	0.194	"	"	"	"	"	
Surrogate(s): *Benzo (a) pyrene-d12*			*63.8%*		*10 - 125 %*	*5x*			*04/07/07 04:30*	
Fluorene-d10			*67.9%*		*25 - 125 %*	*20x*			*04/05/07 16:52*	
Pyrene-d10			*86.0%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*61.3%*		*10 - 125 %*	"			"	

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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:46

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030925 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7030925-BLK1)									Extracted: 03/23/07 11:36					
Arsenic	EPA 6020	ND	---	0.000800	mg/l	1x	--	--	--	--	--	--	03/27/07 19:53	
Barium	"	ND	---	0.000800	"	"	--	--	--	--	--	--	"	
Cadmium	"	ND	---	0.0000752	"	"	--	--	--	--	--	--	03/28/07 22:11	
Chromium	"	ND	---	0.000800	"	"	--	--	--	--	--	--	03/27/07 19:53	
Copper	"	ND	---	0.00160	"	"	--	--	--	--	--	--	"	
Lead	"	ND	---	0.000800	"	"	--	--	--	--	--	--	"	
Selenium	"	ND	---	0.00160	"	"	--	--	--	--	--	--	"	
Silver	"	ND	---	0.000800	"	"	--	--	--	--	--	--	"	
Zinc	"	ND	---	0.00400	"	"	--	--	--	--	--	--	"	
LCS (7030925-BS1)									Extracted: 03/23/07 11:36					
Arsenic	EPA 6020	0.106	---	0.000800	mg/l	1x	--	0.100	106%	(80-120)	--	--	03/27/07 20:01	
Barium	"	0.107	---	0.000800	"	"	--	"	107%	"	--	--	"	
Cadmium	"	0.109	---	0.000800	"	"	--	"	109%	"	--	--	03/28/07 22:19	
Chromium	"	0.105	---	0.000800	"	"	--	"	105%	"	--	--	03/27/07 20:01	
Copper	"	0.0998	---	0.00160	"	"	--	"	99.8%	"	--	--	"	
Lead	"	0.104	---	0.000800	"	"	--	"	104%	"	--	--	"	
Selenium	"	0.0474	---	0.00160	"	"	--	0.0500	94.8%	"	--	--	"	
Silver	"	0.0550	---	0.000800	"	"	--	"	110%	"	--	--	"	
Zinc	"	0.0914	---	0.00400	"	"	--	0.100	91.4%	"	--	--	"	
Duplicate (7030925-DUP1)					QC Source: PQC0847-01				Extracted: 03/23/07 11:36					
Arsenic	EPA 6020	0.0213	---	0.000800	mg/l	1x	0.0214	--	--	--	0.468%	(20)	03/27/07 20:16	
Barium	"	0.0824	---	0.000800	"	"	0.0808	--	--	--	1.96%	"	"	
Cadmium	"	ND	---	0.00800	"	10x	ND	--	--	--	NR	"	03/28/07 22:34	
Chromium	"	0.00179	---	0.000800	"	1x	0.00185	--	--	--	3.30%	"	03/27/07 20:16	
Copper	"	0.00721	---	0.00160	"	"	0.00712	--	--	--	1.26%	"	"	
Lead	"	0.00199	---	0.000800	"	"	0.00201	--	--	--	1.00%	"	"	
Selenium	"	ND	---	0.00160	"	"	ND	--	--	--	NR	"	"	
Silver	"	ND	---	0.000800	"	"	ND	--	--	--	NR	"	"	
Zinc	"	0.0578	---	0.00400	"	"	0.0570	--	--	--	1.39%	"	"	

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:46

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030925 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7030925-MS1)					QC Source: PQC0849-01				Extracted: 03/23/07 11:36					
Arsenic	EPA 6020	0.133	—	0.000800	mg/l	1x	0.0306	0.100	102%	(75-125)	--	--	03/27/07 20:47	
Barium	"	0.261	—	0.000800	"	"	0.150	"	111%	"	--	--	"	
Cadmium	"	0.0978	—	0.00800	"	10x	ND	"	97.8%	"	--	--	03/28/07 23:10	
Chromium	"	0.114	—	0.000800	"	1x	0.0127	"	101%	"	--	--	03/27/07 20:47	
Copper	"	0.112	--	0.00160	"	"	0.0179	"	94.1%	"	--	--	"	
Lead	"	0.108	--	0.000800	"	"	0.0104	"	97.6%	"	--	--	"	
Selenium	"	0.0470	--	0.00160	"	"	ND	0.0500	94.0%	"	--	--	"	
Silver	"	0.0553	--	0.000800	"	"	ND	"	111%	"	--	--	"	
Zinc	"	0.123	--	0.00400	"	"	0.0382	0.100	84.8%	"	--	--	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:46

Mercury by EPA Method 1631E - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7040043 **Water Preparation Method: EPA 1631**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7040043-BLK1)								Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	ND	---	0.00500	ug/l	1x	--	--	--	--	--	--	04/03/07 10:23	
LCS (7040043-BS1)								Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0513	---	0.00500	ug/l	1x	--	0.0500	103%	(85-115)	--	--	04/03/07 10:26	
LCS Dup (7040043-BSD1)								Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0511	---	0.00500	ug/l	1x	--	0.0500	102%	(85-115)	0.391%	(20)	04/03/07 10:29	
Duplicate (7040043-DUP1)				QC Source: PQC0805-01				Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	ND	---	0.00500	ug/l	1x	ND	--	--	--	NR	(20)	04/03/07 10:33	
Matrix Spike (7040043-MS1)				QC Source: PQC0805-01				Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0489	---	0.00500	ug/l	1x	ND	0.0500	97.8%	(71-125)	--	--	04/03/07 10:35	
Matrix Spike (7040043-MS2)				QC Source: PQC0805-09				Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0477	---	0.00500	ug/l	1x	ND	0.0500	95.4%	(71-125)	--	--	04/03/07 10:42	
Matrix Spike Dup (7040043-MSD1)				QC Source: PQC0805-01				Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0476	---	0.00500	ug/l	1x	ND	0.0500	95.2%	(71-125)	2.69%	(20)	04/03/07 10:39	
Matrix Spike Dup (7040043-MSD2)				QC Source: PQC0805-09				Extracted: 04/02/07 11:07						
Mercury	EPA 1631E	0.0482	---	0.00500	ug/l	1x	ND	0.0500	96.4%	(71-125)	1.04%	(20)	04/03/07 10:45	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:46

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030977 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7030977-BLK1)								Extracted: 03/26/07 10:12						
1,2-Dibromoethane	EPA 8260B	ND	—	0.500	ug/l	1x	—	—	—	—	—	—	03/26/07 13:10	
1,2-Dichloroethane	"	ND	—	0.500	"	"	—	—	—	—	—	—	"	
Benzene	"	ND	—	0.200	"	"	—	—	—	—	—	—	"	
Toluene	"	ND	—	0.500	"	"	—	—	—	—	—	—	"	
Ethylbenzene	"	ND	—	0.500	"	"	—	—	—	—	—	—	"	
Xylenes (total)	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Methyl tert-butyl ether	"	ND	—	2.00	"	"	—	—	—	—	—	—	"	
Naphthalene	"	ND	—	2.00	"	"	—	—	—	—	—	—	"	
1,2,4-Trimethylbenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,3,5-Trimethylbenzene	"	ND	—	0.500	"	"	—	—	—	—	—	—	"	
Isopropylbenzene	"	ND	—	2.00	"	"	—	—	—	—	—	—	"	
n-Propylbenzene	"	ND	—	0.500	"	"	—	—	—	—	—	—	"	
Surrogate(s): 4-BFB		*Recovery: 100%*			*Limits: 80-120%*	"							*03/26/07 13:10*	
1,2-DCA-d4		*94.0%*			*80-120%*	"							"	
Dibromofluoromethane		*94.5%*			*80-120%*	"							"	
Toluene-d8		*100%*			*80-120%*	"							"	
LCS (7030977-BS1)								Extracted: 03/26/07 10:12						
1,2-Dibromoethane	EPA 8260B	21.8	—	0.500	ug/l	1x	—	20.0	109%	(80-140)	—	—	03/26/07 11:21	
1,2-Dichloroethane	"	20.0	—	0.500	"	"	—	"	100%	(75-135)	—	—	"	
Benzene	"	20.9	—	0.200	"	"	—	"	104%	(80-120)	—	—	"	
Toluene	"	21.1	—	0.500	"	"	—	"	106%	(80-125)	—	—	"	
Ethylbenzene	"	23.5	—	0.500	"	"	—	"	118%	(80-130)	—	—	"	
Xylenes (total)	"	69.4	—	1.00	"	"	—	60.0	116%	"	—	—	"	
Methyl tert-butyl ether	"	20.9	—	2.00	"	"	—	20.0	104%	(80-135)	—	—	"	
Naphthalene	"	24.7	—	2.00	"	"	—	"	124%	(60-150)	—	—	"	
1,2,4-Trimethylbenzene	"	23.4	—	1.00	"	"	—	"	117%	(75-125)	—	—	"	
1,3,5-Trimethylbenzene	"	23.3	—	0.500	"	"	—	"	116%	(75-135)	—	—	"	
Isopropylbenzene	"	23.5	—	2.00	"	"	—	"	118%	(80-140)	—	—	"	
n-Propylbenzene	"	23.5	—	0.500	"	"	—	"	118%	(80-130)	—	—	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 80-120%*	"							*03/26/07 11:21*	
1,2-DCA-d4		*94.5%*			*80-120%*	"							"	
Dibromofluoromethane		*100%*			*80-120%*	"							"	
Toluene-d8		*102%*			*80-120%*	"							"	

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ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:46

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7030977 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (7030977-MS1)				QC Source: PQC0847-02				Extracted: 03/26/07 10:12						
1,2-Dibromoethane	EPA 8260B	20.1	---	0.500	ug/l	1x	ND	20.0	100%	(75-140)	--	--	03/26/07 11:48	
1,2-Dichloroethane	"	19.4	---	0.500	"	"	ND	"	97.0%	(79-130)	--	--	"	
Benzene	"	20.2	---	0.200	"	"	ND	"	101%	(80-125)	--	--	"	
Toluene	"	20.0	---	0.500	"	"	ND	"	100%	(65-135)	--	--	"	
Ethylbenzene	"	22.2	---	0.500	"	"	ND	"	111%	(80-125)	--	--	"	
Xylenes (total)	"	67.0	---	1.00	"	"	ND	60.0	112%	(70-130)	--	--	"	
Methyl tert-butyl ether	"	19.7	---	2.00	"	"	ND	20.0	98.5%	(70-150)	--	--	"	
Naphthalene	"	20.7	---	2.00	"	"	ND	"	104%	(55-145)	--	--	"	
1,2,4-Trimethylbenzene	"	22.0	---	1.00	"	"	ND	"	110%	(80-136)	--	--	"	
1,3,5-Trimethylbenzene	"	22.1	---	0.500	"	"	ND	"	110%	(70-140)	--	--	"	
Isopropylbenzene	"	22.4	---	2.00	"	"	ND	"	112%	(60-135)	--	--	"	
n-Propylbenzene	"	22.6	---	0.500	"	"	ND	"	113%	(70-135)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*103%*		*Limits: 80-120%*	"							*03/26/07 11:48*	
	1,2-DCA-d4		*93.0%*		*80-120%*	"							"	
	Dibromofluoromethane		*101%*		*80-120%*	"							"	
	Toluene-d8		*101%*		*80-120%*	"							"	
Matrix Spike Dup (7030977-MSD1)				QC Source: PQC0847-02				Extracted: 03/26/07 10:12						
1,2-Dibromoethane	EPA 8260B	20.6	---	0.500	ug/l	1x	ND	20.0	103%	(75-140)	2.46%	(25)	03/26/07 12:15	
1,2-Dichloroethane	"	19.7	---	0.500	"	"	ND	"	98.5%	(79-130)	1.53%	"	"	
Benzene	"	19.6	---	0.200	"	"	ND	"	98.0%	(80-125)	3.02%	"	"	
Toluene	"	19.7	---	0.500	"	"	ND	"	98.5%	(65-135)	1.51%	"	"	
Ethylbenzene	"	21.9	---	0.500	"	"	ND	"	110%	(80-125)	1.36%	"	"	
Xylenes (total)	"	65.1	---	1.00	"	"	ND	60.0	108%	(70-130)	2.88%	"	"	
Methyl tert-butyl ether	"	19.9	---	2.00	"	"	ND	20.0	99.5%	(70-150)	1.01%	"	"	
Naphthalene	"	20.8	---	2.00	"	"	ND	"	104%	(55-145)	0.482%	"	"	
1,2,4-Trimethylbenzene	"	21.4	---	1.00	"	"	ND	"	107%	(80-136)	2.76%	"	"	
1,3,5-Trimethylbenzene	"	21.7	---	0.500	"	"	ND	"	108%	(70-140)	1.83%	"	"	
Isopropylbenzene	"	21.7	---	2.00	"	"	ND	"	108%	(60-135)	3.17%	"	"	
n-Propylbenzene	"	22.2	---	0.500	"	"	ND	"	111%	(70-135)	1.79%	"	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*103%*		*Limits: 80-120%*	"							*03/26/07 12:15*	
	1,2-DCA-d4		*94.5%*		*80-120%*	"							"	
	Dibromofluoromethane		*100%*		*80-120%*	"							"	
	Toluene-d8		*101%*		*80-120%*	"							"	

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/11/07 16:46

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031022 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7031022-BLK1)							Extracted: 03/27/07 12:25							
Acenaphthene	EPA 8270m	ND	---	0.0100	ug/l	1x	--	--	--	--	--	--	03/30/07 16:46	
Benzo (a) anthracene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	04/06/07 20:46	
Benzo (a) pyrene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	03/30/07 16:46	
Anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	04/06/07 20:46	
Benzo (k) fluoranthene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	03/30/07 16:46	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.00500	"	"	--	--	--	--	--	--	04/06/07 20:46	
Fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	03/30/07 16:46	
Fluorene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene-d12		*105%*			*10-125%*	"							*04/06/07 20:46*	
Fluorene-d10		*131%*			*25-125%*	"							*03/30/07 16:46*	Z2
Surrogate(s): Pyrene-d10	*Recovery:*	*130%*			*Limits: 25-150%*	"							*03/30/07 16:46*	
Benzo (a) pyrene-d12		*108%*			*10-125%*	"							"	
LCS (7031022-BS1)							Extracted: 03/27/07 12:25							
Acenaphthene	EPA 8270m	1.25	---	0.0200	ug/l	2x	--	1.25	100%	(35-120)	--	--	04/04/07 22:55	
Acenaphthylene	"	1.25	---	0.0200	"	"	--	"	100%	(34-116)	--	--	"	
Benzo (a) pyrene	"	1.37	---	0.0100	"	"	--	"	110%	(38-137)	--	--	04/07/07 00:23	
Anthracene	"	1.23	---	0.0200	"	"	--	"	98.4%	(24-119)	--	--	04/04/07 22:55	
Benzo (a) anthracene	"	1.39	---	0.0200	"	"	--	"	111%	(36-128)	--	--	"	
Benzo (a) pyrene	"	1.35	---	0.0200	"	"	--	"	108%	(17-128)	--	--	"	
Benzo (b) fluoranthene	"	1.42	---	0.0200	"	"	--	"	114%	(37-131)	--	--	"	
Benzo (ghi) perylene	"	1.36	---	0.0200	"	"	--	"	109%	(26-126)	--	--	"	
Benzo (k) fluoranthene	"	1.49	---	0.0200	"	"	--	"	119%	(18-145)	--	--	"	
Chrysene	"	1.40	---	0.0200	"	"	--	"	112%	(16-137)	--	--	"	
Dibenzo (a,h) anthracene	"	1.44	---	0.0200	"	"	--	"	115%	(20-141)	--	--	"	
Fluoranthene	"	1.44	---	0.0200	"	"	--	"	115%	(31-125)	--	--	"	
Fluorene	"	1.44	---	0.0200	"	"	--	"	115%	(27-124)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	1.44	---	0.0200	"	"	--	"	115%	(30-135)	--	--	"	
Naphthalene	"	1.24	---	0.0200	"	"	--	"	99.2%	(30-113)	--	--	"	
Phenanthrene	"	1.37	---	0.0200	"	"	--	"	110%	(34-126)	--	--	"	
Pyrene	"	1.34	---	0.0200	"	"	--	"	107%	(21-141)	--	--	"	

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/11/07 16:46

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031022 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7031022-BS1)							Extracted: 03/27/07 12:25							
Benzo (a) pyrene-d12		*90.4%*			*10-125%*	*2x*							*04/07/07 00:23*	
Fluorene-d10		*103%*			*25-125%*	"							*04/04/07 22:55*	
Surrogate(s): Pyrene-d10	*Recovery:*	*103%*		*Limits:*	*13-150%*	"							*04/04/07 22:55*	
Benzo (a) pyrene-d12		*94.4%*			*10-125%*	"							"	
Matrix Spike (7031022-MS1)				QC Source: PQC0923-03			Extracted: 03/27/07 12:25							
Acenaphthene	EPA 8270m	1.14	---	0.0493	ug/l	5x	0.0691	1.23	87.1%	(35-120)	--	--	04/03/07 20:43	
Acenaphthylene	"	1.21	---	0.0493	"	"	ND	"	98.4%	(34-116)	--	--	"	
Benzo (a) pyrene	"	1.17	---	0.0246	"	"	0.0222	"	93.3%	(38-137)	--	--	04/07/07 00:54	
Anthracene	"	0.984	---	0.0493	"	"	ND	"	80.0%	(24-119)	--	--	04/03/07 20:43	
Benzo (a) anthracene	"	1.22	---	0.0493	"	"	0.0215	"	97.4%	(22-129)	--	--	"	
Benzo (a) pyrene	"	1.20	---	0.0493	"	"	0.0219	"	95.8%	(4-132)	--	--	"	
Benzo (b) fluoranthene	"	1.24	---	0.0493	"	"	0.0146	"	99.6%	(0-136)	--	--	"	
Benzo (ghi) perylene	"	1.20	---	0.0493	"	"	0.0167	"	96.2%	(0-126)	--	--	"	
Benzo (k) fluoranthene	"	1.27	---	0.0493	"	"	0.0202	"	102%	(0-145)	--	--	"	
Chrysene	"	1.22	---	0.0493	"	"	0.0265	"	97.0%	(7-137)	--	--	"	
Dibenzo (a,h) anthracene	"	1.19	---	0.0493	"	"	ND	"	96.7%	(0-141)	--	--	"	
Fluoranthene	"	1.04	---	0.0493	"	"	0.0242	"	82.6%	(30-125)	--	--	"	
Fluorene	"	1.66	---	0.0493	"	"	0.200	"	119%	(27-124)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	1.21	---	0.0493	"	"	0.0136	"	97.3%	(0-135)	--	--	"	
Naphthalene	"	1.57	---	0.0493	"	"	ND	"	128%	(30-126)	--	--	"	M1
Phenanthrene	"	1.11	---	0.0493	"	"	0.201	"	73.9%	(34-126)	--	--	"	
Pyrene	"	1.32	---	0.0493	"	"	0.114	"	98.0%	(14-168)	--	--	"	
Benzo (a) pyrene-d12		*67.8%*			*10-125%*	"							*04/07/07 00:54*	
Fluorene-d10		*79.9%*			*25-125%*	"							*04/03/07 20:43*	
Surrogate(s): Pyrene-d10	*Recovery:*	*88.6%*		*Limits:*	*25-150%*	"							*04/03/07 20:43*	
Benzo (a) pyrene-d12		*73.1%*			*10-125%*	"							"	
Matrix Spike Dup (7031022-MSD1)				QC Source: PQC0923-03			Extracted: 03/27/07 12:25							
Acenaphthene	EPA 8270m	1.10	---	0.0498	ug/l	5x	0.0691	1.24	83.1%	(35-120)	4.70%	(50)	04/03/07 21:15	
Acenaphthylene	"	1.17	---	0.0498	"	"	ND	"	94.4%	(34-116)	4.15%	"	"	
Benzo (a) pyrene	"	1.14	---	0.0249	"	"	0.0222	"	90.1%	(38-137)	2.60%	(60)	04/07/07 01:25	
Anthracene	"	1.04	---	0.0498	"	"	ND	"	83.9%	(24-119)	4.76%	(50)	04/03/07 21:15	
Benzo (a) anthracene	"	1.20	---	0.0498	"	"	0.0215	"	95.0%	(22-129)	2.49%	"	"	
Benzo (a) pyrene	"	1.17	---	0.0498	"	"	0.0219	"	92.6%	(4-112)	3.40%	"	"	
Benzo (b) fluoranthene	"	1.20	---	0.0498	"	"	0.0146	"	95.6%	(0-136)	4.10%	"	"	
Benzo (ghi) perylene	"	1.18	---	0.0498	"	"	0.0167	"	93.8%	(0-126)	2.53%	"	"	
Benzo (k) fluoranthene	"	1.19	---	0.0498	"	"	0.0202	"	94.3%	(0-145)	7.85%	"	"	
Chrysene	"	1.21	---	0.0498	"	"	0.0265	"	95.4%	(7-137)	1.66%	"	"	
Dibenzo (a,h) anthracene	"	1.18	---	0.0498	"	"	ND	"	95.2%	(0-141)	1.56%	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/11/07 16:46

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7031022 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7031022-MSD1)						QC Source: PQC0923-03				Extracted: 03/27/07 12:25				
Fluoranthene	EPA 8270m	1.08	—	0.0498	ug/l	5x	0.0242	1.24	85.1%	(30-125)	2.98%	(50)	04/03/07 21:15	
Fluorene	"	1.50	—	0.0498	"	"	0.200	"	105%	(27-124)	12.5%	"	"	
Indeno (1,2,3-cd) pyrene	"	1.19	—	0.0498	"	"	0.0136	"	94.9%	(9-135)	2.50%	"	"	
Naphthalene	"	1.45	—	0.0498	"	"	ND	"	117%	(30-126)	8.98%	"	"	
Phenanthrene	"	1.12	—	0.0498	"	"	0.201	"	74.1%	(34-126)	0.270%	"	"	
Pyrene	"	1.30	—	0.0498	"	"	0.114	"	95.6%	(14-168)	2.48%	"	"	
Benzo (a) pyrene-d12			*65.1%*			*10-125%*	"						*04/03/07 01:25*	
Fluorene-d10			*70.9%*			*25-125%*	"						*04/03/07 21:15*	
Surrogate(s): Pyrene-d10		*Recovery:*	*84.7%*		*Limits:*	*23-150%*	"						*04/03/07 21:15*	
Benzo (a) pyrene-d12			*69.1%*			*10-125%*	"						"	

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Sarah Rockwell, Project Manager

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TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / CP**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922-GW7	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/11/07 16:46

Notes and Definitions

Report Specific Notes:

M1	-	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
RL1	-	Reporting limit raised due to sample matrix effects.
RL3	-	Reporting limit raised due to high concentrations of non-target analytes.
RL7	-	Sample required dilution due to high concentrations of target analyte.
Z2	-	Surrogate recovery was above the acceptance limits. Data not impacted.
Z3	-	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210 X
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: PQC0847

CLIENT: Delta Consultants

REPORT TO: Brian Pletcher
ADDRESS: 7150 SW Hampton #220
Tigard, OR 97223
PHONE: 503-639-8098 FAX: -7619

INVOICE TO: Mike Noll
Conoco-Phillips

P.O. NUMBER:

PROJECT NAME: Conoco-Phillips Willbridge
PROJECT NUMBER: CRZ0922-GW7
SAMPLED BY: Katy McQuinn / Nolan Lewis

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analyses: 10 (STD) 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: 5 (STD) 4 3 2 1 <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges

PRESERVATIVE: HCl | – | HNO | HCl

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	BTEX	PAHs	metals	Hg LL 1631	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	B40	3/20/07 1120	X	X	X	X	W	7		
2	P1	3/20/07 1200	X	X	X	X	W	7		
3	U5	3/20/07 1155	X	X	X	X	W	7		
4										
5										
6										
7										
8										
9										
10										

RELEASED BY: [signature] DATE: 3/21/07
PRINT NAME: KATY McQUINN FIRM: Delta TIME: 1630

RECEIVED BY: [signature] DATE: 3/21/07
PRINT NAME: BOB F FIRM: TAP TIME: 16:30

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE: lab
PRINT NAME: FIRM: TIME: 17:35

ADDITIONAL REMARKS: Use lower Portland Harbor detection Limits

TEMP: 6.6 12.8 6.3 2.9

PAGE 1 OF 1

COC REV 03/2006

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project.
Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

COPPOR00007900

TEST AMERICA SAMPLE RECEIPT CHECKLIST

363
456
010 (___ of ___)
& 353

Received By: (applies to temp at receipt)
Date: 3/21/07
Time: 16:30
Initials: [illegible]

Logged-in By:
Date: 3/22
Initials: SM

Unpacked/Labeled By:
Date: 03/22/07 [illegible] 03/22/07
Initials: DhM

Cooler ID: 010 (___ of ___)
Work Order No. PQC0847
Client: Delta
Project: Conoco Philips Willbridge

Container Type:
4 Cooler
___ Box
___ None/Other ___

COC Seals:
___ Ship. Container ___ Sign By
___ On Bottles ___ Date
X None

Packing Material:
___ Bubble Bags ___ Styrofoam
___ Foam Packs
X None/Other Other ___

Refrigerant:
___ Gel Ice Pack ___ None
X Loose Ice
___ None/Other ___

Received Via: Bill#
___ Fed Ex ___ Client
___ UPS X NCA Courier
___ DHL ___ Mid Valley
___ Senvoy ___ TDP
___ GS ___ Other ___

Cooler Temperature (IR): 6.6 12.8 °C Plastic Glass (circle one) (Frozen filters, Tedlars and aqueous Metals exempt)
6.3
2.5

Temperature Blank? ___ °C or NA

Trip Blank? Y or N or NA

Sample Containers:

		ID			ID
ntact?	Y or N		Metals Preserved?	Y or N or NA	
Provided by NCA?	Y or N		Client QAPP Preserved?	Y or N or NA	
Correct Type?	Y or N		Adequate Volume? (for tests requested)	Y or N	
#Containers match COC?	Y or N		Water VOAs: Headspace?	Y or N or NA	
Ds/time/date match COC?	Y or N		Comments:		
Hold Times in hold?	Y or N				

PROJECT MANAGEMENT

s the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments, Problems ___

otal access set up? Y or N
as client been contacted regarding non-conformances? Y or N If Y, ___/___ Date Time

PM Initials: ___ Date: ___ Time: ___

(rev 3 09/12/05)

Delta
Environmental Consultants, Inc.

Solving environment-related business problems worldwide

www.deltaenv.com

7150 SW Hampton • Suite 220
Tigard, Oregon 97223 USA

503.639.8098 800.477.7411
Fax 503.639.7619

FILE COPY

Electronic copy in EDMS

LETTER OF TRANSMITTAL

To:	Ms. Jill Kiernan	**From:**	Brian Pletcher
Company:	Oregon DEQ-Northwest Region 2020 SW 4th Ave, Ste. 400 Portland, Oregon 97201	**Date:**	May 12, 2006
Re:	Semi Annual Groundwater Monitoring Report (4Q05 & 1Q06)	**Site:**	Willbridge Bulk Fuel Facilities

Copies of the above-referenced groundwater monitoring report will be forwarded to the parties noted below under cc.

Please feel free to call (503) 639-8098 with any questions or comments.

cc: Mr. Martin Cramer, ConocoPhillips Company, 5528 NW Doane Ave, Portland, OR 97210
Mr. Robert Truedinger, Kinder Morgan Energy Partners, 1140 Canal Blvd., Richmond, VA 94804
Mr. Darin Rouse, Chevron Environmental Management, 6001 Bollinger Canyon Rd, Ste. K2260, San Ramon, CA 94583
Mr. William Platt, Shell Oil Company, 910 Louisiana St, Houston, TX 77002

A member of:
Inogen Environmental Alliance

SEMI-ANNUAL GROUNDWATER MONITORING REPORT
(October 2005 through March 2006)

Willbridge Bulk Fuel Facilities

Portland, Oregon

Consent Order WMCSR-NWR-94-06
Delta Project ORZ0922GW-6

May 12, 2006

Prepared for:

Willbridge Terminal Group

Delta Environmental Consultants, Inc.
7150 SW Hampton Street, Tigard, Oregon 97223
503-639-8098 800 477 7411

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY 1

2.0 GROUNDWATER MONITORING AND SAMPLING 2

- 2.1 Hydrogeologic Analysis 2
- 2.2 Willamette River 3
- 2.3 Groundwater Analytical Results 3
- 2.4 Separate Phase Hydrocarbon Occurrence 4

3.0 SEPARATE PHASE HYDROCARBON RECOVERY 6

4.0 ISSUES ENCOUNTERED DURING THE FOURTH QUARTER 2005 AND FIRST QUARTER OF 2006 7

5.0 ACTIVITIES SCHEDULED FOR THE SECOND AND THIRD QUARTERS OF 2006 (APRIL THROUGH SEPTEMBER) 8

6.0 REMARKS 9

TABLES

TABLE 1A – GROUNDWATER ELEVATION AND SPH RECOVERY DATA
CHEVRON PRODUCTS COMPANY

TABLE 1B – GROUNDWATER ELEVATION AND SPH RECOVERY DATA
KINDER MORGAN LIQUID TERMINALS, LLC

TABLE 1C – GROUNDWATER ELEVATION AND SPH RECOVERY DATA
CONOCOPHILLIPS COMPANY

TABLE 2 – GROUNDWATER ANALYTICAL RESULTS – BTEX & MTBE COMPOUNDS

TABLE 3 – GROUNDWATER ANALYTICAL RESULTS – PAH COMPOUNDS

TABLE 4 – GROUNDWATER ANALYTICAL RESULTS – TOTAL METALS

FIGURES

FIGURE 1 – SITE LOCATION MAP

FIGURE 2 – GROUNDWATER ELEVATION CONTOURS AND SPH THICKNESS MAP

FIGURE 3 – PRECIPITATION AND RIVER STAGE HYDROGRAPH

APPENDICES

APPENDIX A – GROUNDWATER MONITORING AND SAMPLING PRODCEDURES,
CERTIFIED ANALYTICAL LABORATORY REPORTS AND
CHAIN-OF-CUSTODY DOCUMENTATION

1.0 EXECUTIVE SUMMARY

Delta Environmental Consultants, Inc. (Delta) performed monthly separate-phase hydrocarbon recovery, quarterly well gauging (December 2005 and March 2006), and semi-annual (March 2006) groundwater sampling as part of the remedial investigation/feasibility study work at the Willbridge Bulk Fuel Facilities (Willbridge Facility). The Willbridge Facility is comprised of terminals owned by Chevron Products Company (Chevron), Kinder Morgan Liquid Terminals, LLC (KMLT), and ConocoPhillips Company. This report fulfills the requirement of Section 7F of Oregon Department of Environmental Quality (DEQ) Consent Order WMCSR-NW-94-06.

2.0 GROUNDWATER MONITORING AND SAMPLING

Groundwater monitoring and sampling activities, along with separate-phase hydrocarbon (SPH) recovery were performed at the Willbridge Facility from October 2005 through March 2006. The Willbridge Facility is located in northwest Portland, Oregon on Northwest Front Avenue, along the Willamette River (See Figure 1).

Monitoring activities were performed on December 12, 2005 (Fourth Quarter 2005) and March 13, 2006 (First Quarter 2006) and consisted of measuring depth to groundwater and SPH thickness in all wells. Sampling activities performed at the Chevron, KMLT, and ConocoPhillips Terminals on March 13 through 15, 2006 consisted of measuring depth to groundwater and collecting groundwater samples from select wells. Groundwater samples were analyzed for dissolved petroleum hydrocarbon constituents and selected metals. Monitoring and sampling activities are described in the following sections.

Based upon results of the previous quarterly monitoring activities, select wells were monitored for the presence of SPH on a monthly basis. SPH recovery was performed on a monthly basis for wells containing measurable amounts of SPH between October 2005 and March 2006.

2.1 Hydrogeologic Analysis

Depth-to-groundwater measurements were collected from each monitoring well in December 2005 and March 2006 (See Tables 1A through 1C). A map showing groundwater elevation contours and SPH thicknesses measured in wells in March 2006 is presented as Figure 2. Groundwater monitoring procedures are included in Appendix A.

During the fourth quarter of 2005 and first quarter of 2006, groundwater elevations across the facility ranged from approximately 9.68 feet to 33.81 feet above mean sea level. Groundwater flow direction is generally northeasterly, toward the Willamette River.

During the fourth quarter of 2005 and the first quarter of 2006, twelve additional monitoring wells were installed in the dock area of the Chevron terminal. Four of the wells (Wells CR-29A, CR-30A, CR-31A, and CR-32A) were screened across the water

table. Five wells (Wells CR-28B, CR-29B, CR-30B, CR-31B, and CR-32B) were screened in the intermediate portion of the alluvial aquifer. Three wells (CR-28C, CR-32-C and CR-27) were screened at the base of the alluvial aquifer.

The results of the investigation will be presented in a report to be submitted during the second quarter of 2006.

2.2 Willamette River

The Willamette River stage (daily mean, measured at the Morrison Bridge river gauge and converted to the City of Portland (COP) datum) during the fourth quarter of 2005 and first quarter of 2006 ranged from a high of 18.02 feet (COP datum) on January 13, 2006 to a low of 5.05 feet (COP datum) on October 24, 2005. The average river stage elevation was approximately 8.87 feet (COP datum) between October 1, 2005 to March 31, 2006. Precipitation and river stage data are presented on Figure 3.

2.3 Groundwater Analytical Results

Groundwater samples were collected from selected Chevron, KMLT, and ConocoPhillips monitoring wells on March 14 and 15, 2006, and analyzed in accordance with consent order WMCSR-NWR-94-06 and the revised sampling agreement (May 11, 2001). The list of analytes included benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8260B, polynuclear aromatic hydrocarbons (PAHs) using EPA Method 8270M-SIM, and total RCRA metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc) using EPA Method 6000/7000 Series Methods. Additionally, methyl tert-butyl ether (MTBE) was analyzed in selected Chevron Wells. Groundwater sampling procedures are presented in Appendix A. Groundwater samples were not collected from wells containing observable sheens or measurable quantities of SPH.

BTEX, PAH, and total metals laboratory analytical results for the first quarter 2006 sampling event are presented in Tables 2 through 4. Laboratory analytical reports and chain-of-custody documentation are included in Appendix A.

2.4 Separate Phase Hydrocarbon Occurrence

Based upon the results of the previous quarterly monitoring activities, select wells were monitored for the presence of SPH on a monthly basis. SPH recovery was performed monthly on wells containing measurable amounts of SPH between October 2005 and March 2006. The detected SPH thicknesses measured during the December 2005 and March 2006 monitoring events are included in Table 1. Observable sheens and SPH thicknesses measured during the March 2006 monitoring event are presented in Figure 2.

Chevron

During quarterly groundwater monitoring in December 2005, six Chevron Wells (CR-10, CR-15, CR-16, CR-21A, CR-25, and GPW-3) contained measurable thicknesses of SPH, ranging from 0.01 foot in Well CR-10 to 0.29 foot in Well CR-25. Additionally, a sheen was observed in Wells B-30, CR-6, CR-7, CR-10, CR-11, CR-19, and GPW-2. SPH thicknesses were generally consistent with historical measurements.

During quarterly groundwater monitoring in March 2006, five Chevron Wells (B-24, CR-15, CR-21A, CR-25, and GPW-3) contained measurable thicknesses of SPH, ranging from 0.02 foot in Wells B-24 and GPW-3 to 0.17 foot in Well CR-21A. Additionally, a sheen was observed in Wells B-30, CR-10, CR-11, CR-19, and GPW-2 during the March 2006 monitoring event. SPH thicknesses were generally consistent with historical measurements. The thickness of SPH in Well CR-19 substantially decreased in the fourth quarter of 2005 and first quarter of 2006.

KMLT

During quarterly groundwater monitoring in December 2005, three KMLT Wells (MW-6, MW-24, and MW-28) contained measurable thicknesses of SPH, ranging from 0.01 foot in Well MW-28 to 0.32 foot in Well MW-7. Additionally, a sheen was observed in Wells MW-6 and MW-22.

During quarterly groundwater monitoring in March 2006, two KMLT Wells (MW-6 and MW-7) contained measurable thicknesses of SPH, measuring 0.22 foot and 0.35 foot, respectively. The SPH thickness measured in Well MW-6 during the March 2006 event is higher relative to historical thicknesses. Additionally, a sheen was observed in Wells MW-19 and MW-24. With the exception of Well MW-6, SPH thicknesses were generally consistent with historical measurements.

ConocoPhillips

During quarterly groundwater monitoring in December 2005, two ConocoPhillips Wells (B-40 and U-13) contained measurable thicknesses of SPH, measuring 0.90 foot and 0.35 foot, respectively. Additionally, a sheen was observed in Wells U-5A and U-10.

During quarterly groundwater monitoring in March 2006, three ConocoPhillips Wells (B-4, B-27, and U-13) contained measurable thicknesses of SPH, ranging from 0.19 foot in Well B-4 to 0.50 foot in Well B-27. Additionally, a sheen was observed in Wells EX-39B and U-4. SPH thicknesses were generally consistent with historical measurements.

3.0 SEPARATE PHASE HYDROCARBON RECOVERY

Monthly manual recovery of SPH was initiated at the Willbridge Facility in February 1997. SPH recovery is performed in each well where measurable SPH is observed during the previous quarterly gauging event. Manual SPH recovery consists of manual bailing, pumping, or the use of a sorbent sock installed in the well.

Approximately 158 gallons of SPH have been removed to date by the above-referenced manual recovery methods. Recovered SPH volumes for this reporting period (October 2005 through March 2006) totaled approximately 6 gallons. The SPH recovery data is presented in Table 1.

In November and December 2001, a "U"-shaped cut-off wall encompassing the stormwater trench backfill was installed on the ConocoPhillips Terminal. The cut-off wall was designed to intercept SPH and groundwater migrating along the backfill of a 60-inch diameter storm sewer trench. The cut-off wall was constructed with 20-foot-long steel sheet-pile with sealed joints between the sheet-piles. A groundwater and SPH recovery system is used to extract groundwater and SPH from a series of wells located behind the cut-off wall.

In addition to the monthly SPH recovery events, SPH recovery has also been conducted near the outfall of the 60-inch diameter storm sewer. Since December of 2001, SPH recovery is performed using permanent recovery wells installed behind the cutoff wall. Approximately 4,026 gallons of SPH have been recovered to date from the backfill material around the storm sewer outfall. During the fourth quarter of 2005 and the first quarter of 2006, the treatment system continued to recover SPH, with less effect during the first quarter, due to a high river stage and higher groundwater table. The recovered SPH for this reporting period is presently stored in an on-site batch tank and has not reached capacity for transport to Oil-Re-refining in Portland, Oregon for recycling.

Containment booms currently border the shoreline between the Chevron and ConocoPhillips docks, and from the south edge of the ConocoPhillips dock to the southern property line (beyond the current Doane Avenue storm sewer outfall).

Additionally, secondary and tertiary containment booms are located inside of the first boom around the current 60-inch Doane Avenue storm sewer outfall pipe.

The groundwater recovery system in the 1988 trench at the mouth of the Holbrook slough has been periodically operated since July 2004. The system includes a total fluids, double diaphragm pump with a float control system set to maintain a depressed water level in the recovery sump and trench. Since July 30, 2004, 2,515,105 gallons of water have been recovered and treated at water treatment system at the Chevron terminal. The system is in operation during periods of low river levels. The system is currently not in operation due to high river levels. During this report period the system was in operation from September 1, 2005 until December 29, 2005.

In 2004, during the replacement of a storm drain at the Chevron terminal, a CDF/bentonite wall and recovery sump were installed in the storm drain backfill. The recovery sump (Well CR-8A) and Well CR-8 (downgradient of the wall) have been monitored since installation. A comparison of water elevations indicates that the wall is effectively blocking the migration of water along the storm drain backfill material. To date no SPH has been measured in the recovery sump.

4.0 ISSUES ENCOUNTERED DURING THE FOURTH QUARTER 2005 AND FIRST QUARTER OF 2006

The groundwater and SPH recovery system was periodically turned off due to high river stages (i.e., flooding conditions at the cutoff wall) and freezing weather conditions during the fourth quarter of 2005 and first quarter of 2006.

5.0 ACTIVITIES SCHEDULED FOR THE SECOND AND THIRD QUARTERS OF 2006 (APRIL THROUGH SEPTEMBER)

The following tasks are planned for the second and third quarters of 2006:

- Measure depth to water and SPH in all Willbridge Facility wells during the first and second quarter monitoring events, scheduled for June and September of 2006.
- Sample selected Willbridge Facility wells during the September (third quarter) 2006 sampling event.
- Perform monthly SPH recovery from wells that have historically contained SPH.
- Operate the 60-inch storm sewer groundwater treatment system.
- Install Chevron-ConocoPhillips cutoff wall at mouth of Holbrook Slough (third quarter of 2006).
- Complete report detailing the installation of additional monitoring wells at the Chevron terminal (second quarter of 2006).

6.0 REMARKS

The services described in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

This report was prepared by **DELTA ENVIRONMENTAL CONSULTANTS, INC.**

Delta Environmental Consultants, Inc.

Cale Fleming.
Staff Scientist

Brian Pletcher, R.G.
Senior Geologist

REGISTERED PROFESSIONAL
OREGON
BRIAN J. PLETCHER
G1490
GEOLOGIST

Delta Environmental Consultants, Inc.
7150 SW Hampton Street, Suite 220
Tigard, Oregon 97223

TABLES

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-7	2/14/2000	18.33	NP	-	17.40	0.1
(35.73)	5/22/2000	18.60	NP	-	17.13	NA
	8/22/2000	19.31	19.30	0.01	16.43	0.1
	11/27/2000	19.47	sheen	-	16.26	NA
	2/20/2001	19.37	NP	-	16.36	NA
	5/15/2001	19.36	sheen	-	16.37	NA
	9/19/2001	19.74	NP	-	15.99	NA
	12/20/2001	18.30	NP	-	17.43	NA
	3/15/2002	18.28	NP	-	17.45	NA
	9/23/2002	18.79	18.78	0.01	16.95	NA
	12/19/2002	19.78	19.79	0.01	15.96	NA
	3/19/2003	18.58	18.57	0.01	17.16	NA
	6/24/2003	19.02	18.97	0.05	16.75	NA
	9/24/2003	19.72	19.71	0.01	16.02	NA
	12/26/2003	18.90	18.85	0.05	16.87	NA
	3/30/2004	18.70	18.66	0.04	17.06	NA
	6/24/2004	19.19	19.18	0.01	16.55	NA
	9/27/2004	19.85	NP	-	15.88	NA
	12/24/2004	19.27	NP	-	16.46	NA
	3/7/2005	19.45	NP	-	16.28	NA
	6/23/2005	19.12	NP	-	16.61	NA
	9/19/2005	19.79	NP	-	15.94	NA
	12/12/2005	19.00	NP	-	16.73	NA
	1/30/2006	17.19	NP	-	18.54	NA
	3/13/2006	**18.05**	**NP**	**-**	**17.68**	**NA**
B-9	2/14/2000	16.29	16.20	0.09	19.35	0.0
(35.57)	5/22/2000	16.90	NP	-	18.67	NA
	8/22/2000	17.48	NP	-	18.09	NA
	11/27/2000	17.29	NP	-	18.28	NA
	2/20/2001	17.41	NP	-	18.16	NA
	5/15/2001	17.04	NP	-	18.53	NA
	9/19/2001	17.84	NP	-	17.73	NA
	12/20/2001	15.92	NP	-	19.65	NA
	3/5/2002	15.92	NP	-	19.65	NA
	9/23/2002	17.75	NP	-	17.82	NA
	12/19/2002	17.28	NP	-	18.29	NA
	3/19/2003	16.18	NP	-	19.39	NA
	6/24/2003	16.63	NP	-	18.94	NA
	9/24/2003	17.82	NP	-	17.75	NA
	12/26/2003	Well covered by truck				
	3/30/2004	15.93	NP	-	19.64	NA
	6/24/2004	17.12	NP	-	18.45	NA
	9/27/2004	17.97	NP	-	17.60	NA
	12/24/2004	17.32	NP	-	18.25	NA
	3/7/2005	17.42	NP	-	18.15	NA
	6/22/2005	16.19	NP	-	19.38	NA
	9/19/2005	17.77	NP	-	17.80	NA
	12/12/2005	16.81	NP	-	18.76	NA
	1/30/2006	15.02	NP	-	20.55	NA
	3/13/2006	**18.65**	**NP**	**-**	**16.92**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-10	2/14/2000	15.10	NP	-	19.66	NA
(34.76)	5/22/2000	15.67	NP	-	19.09	NA
	8/22/2000	16.35	NP	-	18.41	NA
	11/27/2000	16.64	NP	-	18.12	NA
	2/20/2001	16.41	NP	-	18.35	NA
	5/15/2001	16.42	NP	-	18.34	NA
	9/19/2001	16.95	NP	-	17.81	NA
	12/20/2001	15.42	NP	-	19.34	NA
	3/15/2002	14.99	NP	-	19.77	NA
	9/23/2002	16.64	NP	-	18.12	NA
	12/19/2002	16.56	NP	-	18.20	NA
	3/19/2003	15.24	NP	-	19.52	NA
	6/24/2003	15.70	NP	-	19.06	NA
	9/24/2003	16.62	NP	-	18.14	NA
	12/26/2003	15.98	NP	-	18.78	NA
	6/24/2004	16.13	NP	-	18.63	NA
	9/27/2004	16.73	NP	-	18.03	NA
	12/14/2004	16.48	NP	-	18.28	NA
	3/7/2005	Well Inaccessible				
	9/19/2005	16.64	NP	-	18.12	NA
	12/12/2005	15.90	NP	-	18.86	NA
	1/30/2006	14.13	NP	-	20.63	NA
	3/13/2006	**14.73**	**NP**	**-**	**20.03**	**NA**
B-11	3/30/2004	15.29	NP		19.47	NA
(34.96)	5/22/2000	15.41	NP	-	19.55	NA
	8/22/2000	16.14	NP	-	18.82	NA
	11/27/2000	16.57	NP	-	18.39	0.1
	2/20/2001	16.30	sheen	-	18.66	NA
	5/15/2001	16.30	NP	-	18.66	NA
	9/19/2001	16.82	NP	-	18.14	NA
	12/20/2001	15.44	NP	-	19.52	NA
	3/15/2002	14.80	NP	-	20.16	NA
	9/23/2002	16.49	NP	-	18.47	NA
	12/19/2002	16.61	sheen	-	18.35	NA
	3/19/2003	15.11	NP	-	19.85	NA
	6/24/2003	15.52	NP	-	19.44	NA
	9/24/2003	16.48	NP	-	18.48	NA
	12/26/2003	15.85	NP	-	19.11	NA
	3/30/2004	15.09	NP	-	19.87	NA
	6/24/2004	15.98	NP	-	18.98	NA
	9/27/2004	16.67	NP	-	18.29	NA
	12/14/2004	16.34	NP	-	18.62	NA
	3/7/2005	16.14	NP	-	18.82	NA
	6/22/2005	15.80	NP	-	19.16	NA
	9/19/2005	16.48	NP	-	18.48	NA
	12/12/2005	15.79	NP	-	19.17	NA
	1/30/2006	13.94	NP	-	21.02	NA
	3/13/2006	**14.53**	**NP**	**-**	**20.43**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-12	2/14/2000	15.38	NP	-	19.76	NA
(35.14)	5/22/2000	15.85	NP	-	19.29	NA
	8/22/2000	16.55	NP	-	18.59	NA
	11/27/2000	16.98	NP	-	18.16	NA
	2/20/2001	16.73	NP	-	18.41	NA
	5/15/2001	16.72	NP	-	18.42	NA
	9/19/2001	17.20	NP	-	17.94	NA
	12/20/2001	15.94	NP	-	19.20	NA
	3/15/2002	15.32	NP	-	19.82	NA
	9/23/2002	16.89	NP	-	18.25	NA
	12/19/2002	17.01	NP	-	18.13	NA
	3/19/2003	15.56	NP	-	19.58	NA
	6/24/2003	Not Located				
	9/24/2003	Not Located				
	12/26/2003	Not Located				
	3/30/2004	Not Located				
	6/24/2004	16.40	NP	-	18.74	NA
	9/27/2004	17.00	NP	-	18.14	NA
	12/14/2004	16.75	NP	-	18.39	NA
	3/7/2005	16.52	NP	-	18.62	NA
	9/19/2005	16.87	NP	-	18.27	NA
	12/12/2005	16.20	NP	-	18.94	NA
	1/30/2006	14.49	NP	-	20.65	NA
	3/13/2006	**15.02**	**NP**	**-**	**20.12**	**NA**
B-13	2/14/2000	15.46	NP	-	19.30	NA
(34.76)	5/22/2000	15.86	NP	-	18.90	NA
	8/22/2000	16.46	NP	-	18.30	NA
	11/27/2000	19.91	NP	-	14.85	NA
	2/20/2001	16.65	NP	-	18.11	NA
	5/15/2001	16.65	NP	-	18.11	NA
	9/19/2001	17.09	NP	-	17.67	NA
	12/22/2001	15.94	NP	-	18.82	NA
	3/15/2002	15.37	NP	-	19.39	NA
	9/23/2002	16.82	NP	-	17.94	NA
	12/19/2002	16.95	NP	-	17.81	NA
	3/19/2003	15.62	NP	-	19.14	NA
	6/24/2003	15.96	NP	-	18.80	NA
	9/24/2003	16.82	NP	-	17.94	NA
	12/26/2003	16.29	NP	-	18.47	NA
	3/30/2004	15.58	NP	-	19.18	NA
	6/24/2004	16.34	NP	-	18.42	NA
	9/27/2004	16.90	NP	-	17.86	NA
	12/24/2004	16.71	NP	-	18.05	NA
	3/7/2005	16.49	NP	-	18.27	NA
	9/19/2005	16.79	NP	-	17.97	NA
	12/12/2005	16.16	NP	-	18.60	NA
	1/30/2006	14.54	NP	-	20.22	NA
	3/13/2006	**15.04**	**NP**	**-**	**19.72**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-14	2/14/2000	17.27	NP	-	19.32	NA
(36.59)	5/22/2000	17.69	NP	-	18.90	NA
	8/22/2000	18.31	NP	-	18.28	NA
	11/27/2000	18.72	NP	-	17.87	NA
	2/20/2001	18.50	NP	-	18.09	NA
	5/15/2001	18.49	NP	-	18.10	NA
	9/19/2001	18.87	NP	-	17.72	NA
	12/22/2001	17.74	NP	-	18.85	NA
	3/15/2002	17.21	NP	-	19.38	NA
	9/23/2002	18.64	NP	-	17.95	NA
	12/19/2002	18.79	NP	-	17.80	NA
	3/19/2003	17.47	NP	-	19.12	NA
	6/24/2003	17.78	NP	-	18.81	NA
	9/24/2003	18.64	NP	-	17.95	NA
	12/26/2003	18.10	NP	-	18.49	NA
	3/30/2004	17.39	NP	-	19.20	NA
	6/24/2004	18.17	NP	-	18.42	NA
	9/27/2004	18.73	NP	-	17.86	NA
	12/14/2004	18.54	NP	-	18.05	NA
	3/7/2005	18.30	NP	-	18.29	NA
	9/19/2005	18.63	NP	-	17.96	NA
	12/12/2005	17.99	NP	-	18.60	NA
	1/30/2006	16.43	NP	-	20.16	NA
	3/13/2006	**16.86**	**NP**	**-**	**19.73**	**NA**
B-15	2/14/2000	16.48	NP	-	19.07	NA
(35.55)	5/22/2000	16.88	NP	-	18.67	NA
	8/22/2000	17.53	NP	-	18.02	NA
	11/27/2000	17.89	NP	-	17.66	NA
	2/20/2001	17.38	NP	-	18.17	NA
	5/15/2001	17.66	NP	-	17.89	NA
	9/19/2001	18.12	NP	-	17.43	NA
	12/20/2001	16.92	NP	-	18.63	NA
	3/15/2002	16.36	NP	-	19.19	NA
	9/23/2002	17.84	NP	-	17.71	NA
	12/19/2002	18.01	NP	-	17.54	NA
	3/19/2003	16.66	NP	-	18.89	NA
	6/24/2003	16.98	NP	-	18.57	NA
	9/24/2003	17.84	NP	-	17.71	NA
	12/26/2003	17.27	NP	-	18.28	NA
	3/30/2004	16.58	NP	-	18.97	NA
	6/24/2004	17.37	NP	-	18.18	NA
	9/27/2004	17.94	NP	-	17.61	NA
	12/14/2004	17.73	NP	-	17.82	NA
	3/7/2005	17.51	NP	-	18.04	NA
	9/19/2005	17.84	NP	-	17.71	NA
	12/12/2005	17.20	NP	-	18.35	NA
	1/30/2006	15.61	NP	-	19.94	NA
	3/13/2006	**16.07**	**NP**	**-**	**19.48**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-19	2/14/2000	15.99	NP	-	18.18	NA
(34.17)	5/22/2000	16.34	NP	-	17.83	NA
	8/22/2000	17.04	NP	-	17.13	NA
	11/27/2000	17.35	NP	-	16.82	NA
	2/20/2001	17.17	NP	-	17.00	NA
	5/15/2001	17.14	NP	-	17.03	NA
	9/19/2001	17.67	NP	-	16.50	NA
	12/20/2001	16.32	NP	-	17.85	NA
	3/15/2002	15.88	NP	-	18.29	NA
	9/23/2002	17.37	NP	-	16.80	NA
	12/19/2002	18.47	NP	-	15.70	NA
	3/19/2003	16.13	NP	-	18.04	NA
	6/24/2003	16.50	NP	-	17.67	NA
	9/24/2003	17.35	NP	-	16.82	NA
	12/26/2003	16.71	NP	-	17.46	NA
	3/30/2004	16.08	NP	-	18.09	NA
	6/24/2004	16.87	NP	-	17.30	NA
	9/27/2004	17.44	NP	-	16.73	NA
	12/14/2004	17.28	NP	-	16.89	NA
	3/7/2005	17.02	NP	-	17.15	NA
	6/22/2005	16.72	NP	-	17.45	NA
	9/19/2005	17.34	NP	-	16.83	NA
	12/12/2005	16.69	NP	-	17.48	NA
	1/30/2006	15.06	NP	-	19.11	NA
	3/13/2006	**15.55**	**NP**	**-**	**18.62**	**NA**
B-20	2/14/2000	16.62	NP	-	16.70	NA
(33.32)	5/22/2000	16.93	NP	-	16.39	NA
	8/22/2000	17.78	NP	-	15.54	NA
	11/27/2000	17.99	sheen	-	15.33	NA
	2/20/2001	17.79	sheen	-	15.53	NA
	5/15/2001	17.89	NP	-	15.43	NA
	9/19/2001	18.40	NP	-	14.92	NA
	12/20/2001	16.61	NP	-	16.71	NA
	3/15/2002	16.45	NP	-	16.87	NA
	9/23/2002	18.27	NP	-	15.05	NA
	12/19/2002	18.22	NP	-	15.10	NA
	3/19/2003	15.96	NP	-	17.36	NA
	6/24/2003	17.06	NP	-	16.26	NA
	9/24/2003	18.30	NP	-	15.02	NA
	12/26/2003	17.31	NP	-	16.01	NA
	3/30/2004	16.47	NP	-	16.85	NA
	6/24/2004	17.32	NP	-	16.00	NA
	9/27/2004	18.29	NP	-	15.03	NA
	12/14/2004	17.77	NP	-	15.55	NA
	3/7/2005	17.82	NP	-	15.50	NA
	6/23/2005	17.41	NP	-	15.91	NA
	9/19/2005	18.20	NP	-	15.12	NA
	12/12/2005	17.34	NP	-	15.98	NA
	1/30/2006	15.70	NP	-	17.62	NA
	3/13/2006	**16.09**	**NP**	**-**	**17.23**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-21	2/14/2000	16.22	NP	-	18.57	NA
(34.79)	5/22/2000	16.57	NP	-	18.22	NA
	8/22/2000	17.15	NP	-	17.64	NA
	11/27/2000	17.45	NP	-	17.34	NA
	2/20/2001	19.29	NP	-	15.50	NA
	5/15/2001	17.27	NP	-	17.52	NA
	9/19/2001	17.66	NP	-	17.13	NA
	12/20/2001	16.48	NP	-	18.31	NA
	3/15/2002	16.18	NP	-	18.61	NA
	9/23/2002	17.45	NP	-	17.34	NA
	12/19/2002	17.56	NP	-	17.23	NA
	3/19/2003	16.35	NP	-	18.44	NA
	6/24/2003	16.70	NP	-	18.09	NA
	9/24/2003	17.42	NP	-	17.37	NA
	12/26/2003	16.91	NP	-	17.88	NA
	3/30/2004	16.36	NP	-	18.43	NA
	6/24/2004	17.02	NP	-	17.77	NA
	9/27/2004	17.49	NP	-	17.30	NA
	12/14/2004	17.41	NP	-	17.38	NA
	3/7/2005	17.04	NP	-	17.75	NA
	6/23/2005	16.87	NP	-	17.92	NA
	9/19/2005	17.45	NP	-	17.34	NA
	12/12/2005	16.84	NP	-	17.95	NA
	1/30/2006	15.30	NP	-	19.49	NA
	3/13/2006	**15.93**	**NP**	-	**18.86**	**NA**
B-24	2/14/2000	15.50	15.49	0.01	19.21	0.0
(34.70)	5/22/2000	15.83	NP	-	18.87	NA
	8/22/2000	16.38	NP	-	18.32	NA
	11/27/2000	16.81	NP	-	17.89	NA
	2/20/2001	16.59	NP	-	18.11	NA
	5/15/2001	16.56	NP	-	18.14	NA
	9/19/2001	16.94	NP	-	17.76	NA
	12/22/2001	16.23	16.07	0.16	18.60	0.0
	3/15/2002	15.54	Sheen	-	19.16	0.0
	9/23/2002	16.86	16.73	0.13	17.94	0.0
	12/19/2002	16.98	NP	-	17.72	NA
	3/19/2003	15.84	15.71	0.13	18.96	0.0
	6/24/2003	15.90	Sheen	-	18.80	0.0
	9/24/2003	16.75	16.71	0.04	17.98	0.0
	12/26/2003	16.32	16.29	0.03	18.40	0.0
	3/30/2004	15.51	NP	-	19.19	NA
	6/24/2004	16.58	16.21	0.37	18.42	NA
	9/27/2004	16.76	16.75	0.01	17.95	0.0
	12/14/2004	16.64	Sheen	-	18.06	0.0
	3/7/2005	16.44	16.43	0.01	18.27	0.004
	6/23/2005	NM	NM	NM	NM	NM
	9/19/2005	16.63	16.61	0.02	18.09	0.004
	12/12/2005	Inaccessible				
	3/13/2006	**15.06**	**15.04**	**0.02**	**19.66**	**0.0**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-26	2/14/2000	15.49	NP	-	19.81	NA
(35.30)	5/22/2000	15.96	NP	-	19.34	NA
	8/22/2000	16.72	NP	-	18.58	NA
	11/27/2000	17.11	NP	-	18.19	NA
	2/20/2001	16.86	NP	-	18.44	NA
	5/15/2001	16.86	NP	-	18.44	NA
	9/19/2001	17.37	NP	-	17.93	NA
	12/20/2001	15.93	NP	-	19.37	NA
	3/15/2002	15.41	NP	-	19.89	NA
	9/23/2002	17.06	NP	-	18.24	NA
	12/19/2002	17.10	NP	-	18.20	NA
	3/19/2003	15.69	NP	-	19.61	NA
	6/24/2003	16.13	NP	-	19.17	NA
	9/24/2003	17.06	NP	-	18.24	NA
	12/26/2003	16.39	NP	-	18.91	NA
	3/30/2004	16.68	NP	-	18.62	NA
	6/24/2004	16.54	NP	-	18.76	NA
	9/27/2004	17.18	NP	-	18.12	NA
	12/14/2004	16.96	NP	-	18.34	NA
	3/7/2005	16.69	NP	-	18.61	NA
	6/22/2005	16.35	NP	-	18.95	NA
	9/19/2005	17.08	NP	-	18.22	NA
	12/12/2005	16.33	NP	-	18.97	NA
	1/30/2006	14.46	NP	-	20.84	NA
	3/13/2006	**15.15**	**NP**	-	**20.15**	**NA**
B-28	2/14/2000	15.45	NP	-	19.81	NA
(35.26)	5/22/2000	14.34	NP	-	20.92	NA
	8/22/2000	16.11	NP	-	19.15	NA
	11/27/2000	16.36	NP	-	18.90	NA
	2/20/2001	16.14	NP	-	19.12	NA
	5/15/2001	16.07	NP	-	19.19	NA
	9/19/2001	16.25	NP	-	19.01	NA
	12/22/2001	15.97	NP	-	19.29	NA
	3/15/2002	15.36	NP	-	19.90	NA
	9/23/2002	16.36	NP	-	18.90	NA
	12/19/2002	16.35	NP	-	18.91	NA
	3/19/2003	15.69	NP	-	19.57	NA
	6/24/2003	15.93	NP	-	19.33	NA
	9/24/2003	16.31	NP	-	18.95	NA
	12/26/2003	16.39	NP	-	18.87	NA
	3/30/2004	15.56	NP	-	19.70	NA
	6/24/2004	16.13	NP	-	19.13	NA
	9/27/2004	16.21	NP	-	19.05	NA
	12/14/2004	16.07	NP	-	19.19	NA
	3/7/2005	16.06	NP	-	19.20	NA
	9/19/2005	16.18	NP	-	19.08	NA
	12/12/2005	15.96	NP	-	19.30	NA
	3/13/2006	**14.71**	**NP**	-	**20.55**	**NA**

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TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-29	2/14/2000	15.12	NP	-	22.58	NA
(37.70)	5/22/2000	15.43	NP	-	22.27	NA
	8/22/2000	16.24	NP	-	21.46	NA
	11/27/2000	16.63	NP	-	21.07	NA
	2/20/2001	16.27	NP	-	21.43	NA
	5/15/2001	16.22	NP	-	21.48	NA
	9/19/2001	16.80	NP	-	20.90	NA
	12/22/2001	15.68	NP	-	22.02	NA
	3/15/2002	14.98	NP	-	22.72	NA
	9/23/2002	16.73	NP	-	20.97	NA
	12/19/2002	16.82	NP	-	20.88	NA
	3/19/2003	15.28	NP	-	22.42	NA
	6/24/2003	15.60	NP	-	22.10	NA
	9/24/2003	16.59	NP	-	21.11	NA
	12/26/2003	15.11	NP	-	22.59	NA
	3/30/2004	15.24	NP	-	22.46	NA
	6/24/2004	16.28	NP	-	21.42	NA
	9/27/2004	16.92	NP	-	20.78	NA
	12/14/2004	16.58	NP	-	21.12	NA
	3/7/2005	16.33	NP	-	21.37	NA
	9/19/2005	16.84	NP	-	20.86	NA
	12/12/2005	16.45	NP	-	21.25	NA
	3/13/2006	**15.00**	**NP**	-	**22.70**	**NA**
B-30	2/14/2000	14.76	NP	-	20.63	NA
(35.39)	5/22/2000	15.85	NP	-	19.54	NA
	8/22/2000	16.08	NP	-	19.31	NA
	11/27/2000	16.37	NP	-	19.02	NA
	2/20/2001	15.92	NP	-	19.47	NA
	5/15/2001	15.95	NP	-	19.44	NA
	9/19/2001	16.52	NP	-	18.87	NA
	12/22/2001	14.96	NP	-	20.43	NA
	3/15/2002	14.96	NP	-	20.43	NA
	9/23/2002	16.19	NP	-	19.20	NA
	12/19/2002	16.31	NP	-	19.08	NA
	3/19/2003	14.67	NP	-	20.72	NA
	6/24/2003	15.05	NP	-	20.34	NA
	9/24/2003	16.13	NP	-	19.26	NA
	12/26/2003	15.56	NP	-	19.83	NA
	3/30/2004	14.70	NP	-	20.69	NA
	6/24/2004	15.60	NP	-	19.79	NA
	9/27/2004	16.31	NP	-	19.08	NA
	12/14/2004	16.14	16.11	0.03	18.58	0.005
	3/7/2005	15.77	Sheen	Sheen	19.62	NA
	6/22/2005	15.39	NP	-	20.00	NA
	9/19/2005	16.20	NP	-	19.19	NA
	12/12/2005	15.43	15.43	Sheen	19.96	0.0
	3/13/2006	**14.12**	**14.12**	**Sheen**	**21.27**	**0.0**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-32	2/14/2000	16.37	NP	-	17.86	NA
(34.23)	5/22/2000	26.84	NP	-	7.39	NA
	8/22/2000	17.65	NP	-	16.58	NA
	11/27/2000	17.93	NP	-	16.30	NA
	2/20/2001	17.71	NP	-	16.52	NA
	5/15/2001	17.74	NP	-	16.49	NA
	9/19/2001	18.17	NP	-	16.06	NA
	12/20/2001	16.74	NP	-	17.49	NA
	3/15/2002	16.55	NP	-	17.68	NA
	9/23/2002	18.32	18.32	Sheen	15.91	NA
	12/19/2002	18.15	NP	-	16.08	NA
	3/19/2003	16.83	NP	-	17.40	NA
	6/24/2003	17.09	NP	-	17.14	NA
	9/24/2003	17.99	NP	-	16.24	NA
	12/26/2003	17.20	NP	-	17.03	NA
	3/30/2004	16.78	NP	-	17.45	NA
	6/24/2004	17.41	NP	-	16.82	NA
	9/27/2004	18.01	NP	-	16.22	NA
	12/14/2004	17.89	NP	-	16.34	NA
	3/7/2005	17.65	NP	-	16.58	NA
	6/23/2005	17.39	NP	-	16.84	NA
	9/19/2005	18.00	NP	-	16.23	NA
	12/12/2005	17.13	NP	-	17.10	NA
	1/30/2006	15.81	NP	-	18.42	NA
	3/13/2006	**15.98**	**NP**	-	**18.25**	**NA**
B-33	2/14/2000	15.54	15.49	0.05	20.40	0.0
(35.90)	5/22/2000	16.41	NP	-	19.49	NA
	8/22/2000	17.15	NP	-	18.75	NA
	11/27/2000	17.39	NP	-	18.51	NA
	2/20/2001	17.25	NP	-	18.65	NA
	5/15/2001	17.24	NP	-	18.66	NA
	9/19/2001	17.72	NP	-	18.18	NA
	12/20/2001	16.29	NP	-	19.61	NA
	3/15/2002	15.93	NP	-	19.97	NA
	9/23/2002	17.51	NP	-	18.39	NA
	12/19/2002	17.52	NP	-	18.38	NA
	3/19/2003	16.21	NP	-	19.69	NA
	6/24/2003	16.57	NP	-	19.33	NA
	9/24/2003	17.45	NP	-	18.45	NA
	12/26/2003	16.74	NP	-	19.16	NA
	3/30/2004	16.24	NP	-	19.66	NA
	6/24/2004	16.87	NP	-	19.03	NA
	9/27/2004	17.56	NP	-	18.34	NA
	12/14/2004	17.22	NP	-	18.68	NA
	3/7/2005	17.10	NP	-	18.80	NA
	6/22/2005	16.88	NP	-	19.02	NA
	9/19/2005	17.40	NP	-	18.50	NA
	12/12/2005	16.70	NP	-	19.20	NA
	1/30/2006	15.01	NP	-	20.89	NA
	3/13/2006	**15.80**	**NP**	-	**20.10**	**NA**

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TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-1	2/14/2000	2.38	NP	-	19.70	NA
(22.08)	5/22/2000	3.26	NP	-	18.82	NA
	8/22/2000	4.32	NP	-	17.76	NA
	11/27/2000	4.38	NP	-	17.70	NA
	2/20/2001	6.50	NP	-	15.58	NA
	5/15/2001	4.25	NP	-	17.83	NA
	9/19/2001	4.79	NP	-	17.29	NA
	12/22/2001	3.05	NP	-	19.03	NA
	3/15/2002	2.77	NP	-	19.31	NA
	9/23/2002	4.34	NP	-	17.74	NA
	12/19/2002	3.84	NP	-	18.24	NA
	3/19/2003	2.85	NP	-	19.23	NA
	6/24/2003	3.38	NP	-	18.70	NA
	9/24/2003	4.33	NP	-	17.75	NA
	12/26/2003	3.32	NP	-	18.76	NA
	3/30/2004	3.14	NP	-	18.94	NA
	6/24/2004	3.68	NP	-	18.40	NA
	9/27/2004	4.39	NP	-	17.69	NA
	12/14/2004	3.74	NP	-	18.34	NA
	3/7/2005	3.93	NP	-	18.15	NA
	6/23/2005	3.75	NP	-	18.33	NA
	9/19/2005	4.44	NP	-	17.64	NA
	12/12/2005	3.45	NP	-	18.63	NA
	1/30/2006	1.50	NP	-	20.58	NA
	3/13/2006	2.32	NP	-	19.76	NA
CR-3	2/14/2000	12.29	12.28	0.01	22.04	0.0
(34.32)	5/22/2000	16.57	NP	-	17.75	NA
	8/22/2000	15.34	NP	-	18.98	NA
	11/27/2000	13.86	NP	-	20.46	NA
	2/20/2001	15.46	NP	-	18.86	NA
	5/15/2001	15.37	NP	-	18.95	NA
	9/19/2001	16.03	NP	-	18.29	NA
	12/22/2001	14.50	NP	-	19.82	NA
	3/15/2002	13.93	NP	-	20.39	NA
	9/23/2002	15.70	NP	-	18.62	NA
	12/19/2002	15.40	NP	-	18.92	NA
	3/19/2003	14.27	NP	-	20.05	NA
	6/24/2003	14.70	NP	-	19.62	NA
	9/24/2003	15.67	NP	-	18.65	NA
	12/26/2003	14.71	NP	-	19.61	NA
	3/30/2004	14.28	NP	-	20.04	NA
	6/24/2004	15.17	NP	-	19.15	NA
	9/27/2004	15.85	NP	-	18.47	NA
	12/14/2004	14.97	NP	-	19.35	NA
	3/7/2005	15.32	NP	-	19.00	NA
	6/22/2005	15.01	NP	-	19.31	NA
	9/19/2005	15.70	NP	-	18.62	NA
	12/12/2005	14.97	NP	-	19.35	NA
	1/30/2006	10.34	NP	-	23.98	NA
	3/13/2006	13.73	NP	-	20.59	NA

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-4	2/14/2000	5.08	NP	-	32.06	NA
(37.14)	5/22/2000	5.63	NP	-	31.51	NA
	8/22/2000	7.25	NP	-	29.89	NA
	11/27/2000	8.31	NP	-	28.83	NA
	2/20/2001	6.98	NP	-	30.16	NA
	5/15/2001	6.34	NP	-	30.80	NA
	9/19/2001	8.55	NP	-	28.59	NA
	12/20/2001	5.38	NP	-	31.76	NA
	3/15/2002	4.88	NP	-	32.26	NA
	6/4/2002	6.17	NP	-	30.97	NA
	9/23/2002	7.69	NP	-	29.45	NA
	12/19/2002	7.92	NP	-	29.22	NA
	3/19/2003	4.97	NP	-	32.17	NA
	6/24/2003	5.98	NP	-	31.16	NA
	9/24/2003	7.77	NP	-	29.37	NA
	12/26/2003	4.73	NP	-	32.41	NA
	3/30/2004	4.58	NP	-	32.56	NA
	6/24/2004	6.68	NP	-	30.46	NA
	9/27/2004	7.32	NP	-	29.82	NA
	12/14/2004	6.41	NP	-	30.73	NA
	3/7/2005	6.82	NP	-	30.32	NA
	6/22/2005	6.43	NP	-	30.71	NA
	9/19/2005	7.35	NP	-	29.79	NA
	12/12/2005	2.65	NP	-	34.49	NA
	3/13/2006	**NM**	**NM**	**NM**	**NM**	**NA**
CR-6	2/14/2000	11.75	NP	-	23.86	NA
(35.61)	5/22/2000	12.20	NP	-	23.41	NA
	8/22/2000	13.11	NP	-	22.50	NA
	11/27/2000	NM	NM	-	-	NA
	2/20/2001	13.12	13.11	0.01	22.50	0.0 **
	5/15/2001	12.90	NP	-	22.71	NA **
	9/19/2001	13.95	13.91	0.04	21.69	0.0 **
	12/20/2001	13.02	NP	-	22.59	NA
	3/15/2002	11.54	NP	-	24.07	NA
	6/4/2002	12.70	12.69	0.01	22.92	NA
	9/23/2002	14.56	NP	-	21.05	NA
	12/19/2002	13.26	13.23	0.03	22.37	0.04
	3/19/2003	12.01	11.99	0.02	23.62	0.0
	6/24/2003	12.75	12.73	0.02	22.88	0.0
	9/24/2003	13.43	13.40	0.03	22.20	0.0
	12/26/2003	12.73	12.69	0.04	22.91	0.0
	3/30/2004	12.18	sheen	-	23.43	0.0
	6/24/2004	13.21	13.17	0.04	22.43	0.007
	9/27/2004	13.24	13.19	0.05	22.41	0.009
	12/14/2004	13.01	12.97	0.04	22.63	0.007
	3/7/2005	13.07	13.04	0.03	22.56	0.005
	6/21/2005	13.16	13.13	0.03	22.47	0.005
	9/19/2005	13.63	13.60	0.03	22.00	0.005
	12/12/2005	12.47	12.47	Sheen	23.14	0.0
	3/13/2006	**11.61**	**NP**	-	**24.00**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-7	2/14/2000	9.46	9.45	0.01	26.12	0.0
(35.57)	5/22/2000	10.09	NP	-	25.48	NA
	8/22/2000	16.34	NP	-	19.23	NA
	11/27/2000	NM	NM	-	NM	-
	2/20/2001	11.30	sheen	-	24.27	0.0
	5/15/2001	11.21	NP	-	24.36	NA
	9/19/2001	12.46	NP	-	23.11	NA
	12/20/2001	9.92	NP	-	25.65	NA
	3/15/2002	9.60	NP	-	25.97	NA
	6/4/2002	11.01	11.00	0.01	24.57	NA
	9/23/2002	12.23	NP	-	23.34	NA
	12/19/2002	11.45	NP	-	24.12	NA
	3/19/2003	10.53	NP	-	25.04	NA
	6/24/2003	11.23	NP	-	24.34	NA
	9/24/2003	12.60	12.58	0.02	22.99	NA
	12/26/2003	10.90	NP	-	24.67	NA
	3/30/2004	10.77	NP	-	24.80	NA
	6/24/2004	11.78	11.75	0.03	23.81	NA
	9/27/2004	11.58	NP	-	23.99	NA
	12/14/2004	11.14	NP	-	24.43	NA
	3/7/2005	11.57	11.56	0.01	24.01	0.002
	6/21/2005	11.27	11.25	0.02	24.32	0.003
	9/19/2005	12.39	12.38	0.01	23.19	0.002
	12/12/2005	10.90	10.90	Sheen	24.67	0.0
	3/13/2006	**9.94**	**NP**	**-**	**25.63**	**NA**
CR-8	2/14/2000	5.70	NP	-	27.44	NA
(33.14)	5/22/2000	6.23	NP	-	26.91	NA
	8/22/2000	7.44	NP	-	25.70	NA
	11/27/2000	7.61	NP	-	25.53	NA
	2/20/2001	7.03	NP	-	26.11	NA
	5/15/2001	6.98	NP	-	26.16	NA
	9/19/2001	8.29	NP	-	24.85	NA
	12/20/2001	6.18	NP	-	26.96	NA
	3/15/2002	5.77	NP	-	27.37	NA
	6/4/2002	6.82	NP	-	26.32	NA
	9/23/2002	8.04	NP	-	25.10	NA
	12/19/2002	7.36	NP	-	25.78	NA
	3/19/2003	6.12	NP	-	27.02	NA
	6/24/2003	6.84	NP	-	26.30	NA
	9/24/2003	8.24	NP	-	24.90	NA
	12/26/2003	6.99	NP	-	26.15	NA
	3/30/2004	6.31	NP	-	26.83	NA
	6/24/2004	7.19	NP	-	25.95	NA
	9/27/2004	7.42	NP	-	25.72	NA
	12/14/2004	6.80	NP	-	26.34	NA
	3/7/2005	6.86	NP	-	26.28	NA
	6/22/2005	6.71	NP	-	26.43	NA
	9/19/2005	8.03	NP	-	25.11	NA
	12/12/2005	6.96	NP	-	26.18	NA
	3/13/2006	**5.33**	**NP**	**-**	**27.81**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-9	2/14/2000	3.02	NP	-	32.70	NA
(35.72)	5/22/2000	3.78	NP	-	31.94	NA
	8/22/2000	6.51	NP	-	29.21	NA
	11/27/2000	5.20	NP	-	30.52	NA
	2/20/2001	4.71	NP	-	31.01	NA
	5/15/2001	4.95	NP	-	30.77	NA
	9/19/2001	7.26	NP	-	28.46	NA
	12/20/2001	3.47	NP	-	32.25	NA
	3/15/2002	3.25	NP	-	32.47	NA
	9/23/2002	7.11	NP	-	28.61	NA
	12/19/2002	4.35	NP	-	31.37	NA
	3/19/2003	3.46	NP	-	32.26	NA
	6/24/2003	5.95	NP	-	29.77	NA
	9/24/2003	6.82	NP	-	28.90	NA
	12/26/2003	3.53	NP	-	32.19	NA
	3/30/2004	3.69	NP	-	32.03	NA
	6/24/2004	6.06	NP	-	29.66	NA
	9/27/2004	6.32	NP	-	29.40	NA
	2/14/2004	3.81	NP	-	31.91	NA
	3/7/2005	4.66	NP	-	31.06	NA
	6/22/2005	6.71	NP	-	29.01	NA
	9/19/2005	6.94	NP	-	28.78	NA
	12/12/2005	4.01	NP	-	31.71	NA
	3/13/2006	**3.12**	**NP**	-	**32.60**	**NA**
CR-10	2/14/2000	4.12	4.08	0.04	31.48	0.0
(35.57)	5/22/2000	4.95	NP	-	30.62	NA
	8/22/2000	7.00	6.74	0.26	28.78	0.9
	11/27/2000	NM	NM	-	-	1.1
	2/20/2001	6.27	6.03	0.24	29.49	0.5
	5/15/2001		Covered With a Gravel Pile			0.5
	9/19/2001	10.68	7.92	2.76	27.10	NR ***
	12/22/2001	4.18	4.12	0.06	31.44	NR ***
	3/15/2002	4.03	3.95	0.08	31.60	0.1
	6/4/2002	5.72	5.55	0.17	29.99	0.1
	9/23/2002	9.13	7.04	2.09	28.11	3.0
	12/19/2002	7.44	6.35	1.09	29.00	0.53
	3/19/2003	4.25	4.21	0.04	31.35	0.26
	6/24/2003	5.69	5.58	0.11	29.97	0.05
	9/24/2003	8.15	7.41	0.74	28.01	0.53
	12/26/2003	6.45	4.75	1.70	30.48	6.0
	3/30/2004	5.23	NP	-	30.34	Skimmer
	6/24/2004	6.81	6.79	0.02	28.78	Skimmer
	9/27/2004	6.78	NP	-	28.79	Skimmer
	12/14/2004	6.33	6.30	0.03	29.26	Skimmer
	3/7/2005	6.63	6.62	0.01	28.95	Skimmer
	6/21/2005	5.50	5.46	0.04	30.10	0.02
	9/19/2005	8.33	7.94	0.39	27.55	0.28
	12/12/2005	5.61	5.60	Sheen	29.96	0.02
	3/13/2006	**4.78**	**4.78**	**Sheen**	**30.79**	**0.0**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-11	2/14/2000	2.06	NP	-	32.37	NA
(34.43)	5/22/2000	2.04	NP	-	32.39	NA
	8/22/2000	4.13	NP	-	30.30	NA
	11/27/2000	4.47	sheen	-	29.96	0.1
	2/20/2001	3.27	NP	-	31.16	NA
	5/15/2001	3.02	NP	-	31.41	NA
	9/19/2001	5.26	NP	-	29.17	NA
	12/20/2001	2.34	NP	-	32.09	NA
	3/15/2002	2.02	NP	-	32.41	NA
	9/23/2002	5.12	NP	-	29.31	NA
	12/19/2002	3.86	3.84	0.02	30.59	NA
	3/19/2003	2.06	NP	-	32.37	NA
	6/24/2003	3.25	NP	-	31.18	NA
	9/24/2003	4.80	NP	-	29.63	NA
	12/26/2003	well obstructed				
	3/30/2004	2.53	NP	-	31.90	NA
	6/24/2004	3.85	3.84	0.01	30.59	NA
	9/27/2004	4.60	4.59	0.01	29.84	NA
	12/14/2004	3.24	3.22	0.02	31.21	NA
	3/7/2005	3.27	NP	-	31.16	NA
	6/20/2005	3.20	NP	-	31.23	NA
	9/19/2005	4.47	4.47	0.00	29.96	0.0
	12/12/2005	3.20	3.20	Sheen	31.23	0.0
	3/13/2006	**1.98**	**NP**	**Sheen**	**32.45**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-12	6/9/1999	4.85	NP	-	30.74	NA
(35.59)	7/8/1999	5.08	NP	-	30.51	NA
	8/16/1999	5.63	NP	-	29.96	NA
	9/20/1999	8.90	NP	-	26.69	NA
	2/9/2000	2.66	NP	-	32.93	NA
	5/9/2000	4.44	NP	-	31.15	NA
	5/15/2000	4.12	NP	-	31.47	NA
	7/11/2000	5.21	NP	-	30.38	NA
	8/14/2000	5.76	NP	-	29.83	NA
	12/12/2000	5.61	NP	-	29.98	NA
	4/3/2001	5.49	NP	-	30.10	NA
	6/8/2001	Covered With a Gravel Pile				
	7/16/2001	Covered With a Gravel Pile				
	8/1/2001	6.14	NP	-	29.45	NA
	9/19/2001	Covered With a Gravel Pile				
	12/22/2001	3.82	NP	-	31.77	NA
	3/15/2002	3.89	NP	-	31.70	NA
	6/4/2002	5.13	NP	-	30.46	NA
	9/23/2002	6.69	NP	-	28.90	NA
	12/19/2002	5.53	NP	-	30.06	NA
	3/19/2003	3.99	NP	-	31.60	NA
	6/24/2003	5.15	NP	-	30.44	NA
	9/24/2003	6.67	NP	-	28.92	NA
	12/26/2003	4.48	NP	-	31.11	NA
	3/30/2004	4.76	NP	-	30.83	NA
	6/24/2004	5.94	NP	-	29.65	NA
	9/27/2004	6.28	NP	-	29.31	NA
	12/14/2004	5.27	NP	-	30.32	NA
	3/7/2005	5.84	NP	-	29.75	NA
	6/21/2005	5.39	NP	-	30.20	NA
	9/19/2005	6.55	NP	-	29.04	NA
	12/12/2005	5.14	NP	-	30.45	NA
	3/13/2006	**4.55**	**NP**	**-**	**31.04**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-13	6/9/1999	5.08	NP	-	30.38	NA
(35.46)	7/8/1999	5.27	NP	-	30.19	NA
	8/16/1999	5.77	NP	-	29.69	NA
	9/20/1999	9.05	NP	-	26.41	NA
	2/9/2000	3.86	NP	-	31.60	NA
	5/9/2000	4.63	NP	-	30.83	NA
	5/15/2000	4.37	NP	-	31.09	NA
	7/11/2000	5.28	NP	-	30.18	NA
	8/14/2000	5.81	NP	-	29.65	NA
	12/12/2000	5.64	NP	-	29.82	NA
	4/3/2001	5.80	NP	-	29.66	NA
	6/8/2001	5.75	NP	-	29.71	NA
	7/16/2001	6.29	NP	-	29.17	NA
	8/1/2001	6.52	NP	-	28.94	NA
	9/19/2001	Covered With a Gravel Pile				
	12/22/2001	4.34	NP	-	31.12	NA
	3/15/2002	4.38	NP	-	31.08	NA
	6/4/2002	5.66	NP	-	29.80	NA
	9/23/2002	6.83	NP	-	28.63	NA
	12/19/2002	6.09	NP	-	29.37	NA
	3/19/2003	4.71	NP	-	30.75	NA
	6/24/2003	5.66	NP	-	29.80	NA
	9/24/2003	6.90	NP	-	28.56	NA
	12/26/2003	4.93	NP	-	30.53	NA
	3/30/2004	5.29	NP	-	30.17	NA
	6/24/2004	6.24	NP	-	29.22	NA
	9/27/2004	6.49	NP	-	28.97	NA
	12/14/2004	5.81	NP	-	29.65	NA
	3/7/2005	6.16	NP	-	29.30	NA
	6/21/2005	5.70	NP	-	29.76	NA
	9/19/2005	6.81	NP	-	28.65	NA
	12/12/2005	5.38	NP	-	30.08	NA
	3/13/2006	**NM**	**NM**	**NM**	**NM**	**NM**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-14	6/9/1999	5.03	NP	-	30.40	NA
(35.43)	7/8/1999	5.27	NP	-	30.16	NA
	8/16/1999	5.85	NP	-	29.58	NA
	9/20/1999	6.14	NP	-	29.29	NA
	2/9/2000	3.98	NP	-	31.45	NA
	5/9/2000	4.66	NP	-	30.77	NA
	5/15/2000	4.33	NP	-	31.10	NA
	7/11/2000	5.41	NP	-	30.02	NA
	8/14/2000	6.01	NP	-	29.42	NA
	12/12/2000	5.87	NP	-	29.56	NA
	4/3/2001	5.70	NP	-	29.73	NA
	6/8/2001	5.81	NP	-	29.62	NA
	7/16/2001	6.20	NP	-	29.23	NA
	8/1/2001	6.32	NP	-	29.11	NA
	9/19/2001	6.99	NP	-	28.44	NA
	12/20/2001	4.22	NP	-	31.21	NA
	3/15/2002	4.09	NP	-	31.34	NA
	6/4/2002	5.41	NP	-	30.02	NA
	9/23/2002	6.86	NP	-	28.57	NA
	12/19/2002	5.59	NP	-	29.84	NA
	3/19/2003	4.54	NP	-	30.89	NA
	6/24/2003	5.51	NP	-	29.92	NA
	9/24/2003	7.01	NP	-	28.42	NA
	12/26/2003	4.72	NP	-	30.71	NA
	3/30/2004	5.38	NP	-	30.05	NA
	6/24/2004	6.36	NP	-	29.07	NA
	9/27/2004	6.53	NP	-	28.90	NA
	12/14/2004	5.57	NP	-	29.86	NA
	3/7/2005	6.26	NP	-	29.17	NA
	6/21/2005	5.56	NP	-	29.87	NA
	9/19/2005	6.93	NP	-	28.50	NA
	12/12/2005	5.39	NP	-	30.04	NA
	3/13/2006	**4.89**	**NP**	-	**30.54**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-15	6/9/1999	9.06	NP	-	26.36	NA
(35.42)	7/8/1999	9.44	9.41	0.03	26.00	NR ***
	8/16/1999	10.35	10.08	0.27	25.29	NR ***
	9/20/1999	11.07	10.63	0.44	24.70	NR ***
	2/9/2000	8.32	8.01	0.31	27.35	NR ***
	5/9/2000	8.91	8.66	0.25	26.71	NR ***
	5/15/2000	8.74	8.53	0.21	26.85	NR ***
	5/16/2000	8.60	8.45	0.15	26.94	NR ***
	6/7/2000	9.33	8.99	0.34	26.36	NR ***
	7/11/2000	10.02	9.70	0.32	25.66	NR ***
	8/14/2000	10.76	10.39	0.37	24.96	NR ***
	12/12/2000	10.60	10.56	0.04	24.85	NR ***
	4/3/2001	10.17	10.05	0.12	25.35	NR ***
	6/8/2001	10.56	10.37	0.19	25.01	NR ***
	7/16/2001	10.97	10.77	0.20	24.61	NR ***
	9/19/2001	12.17	11.76	0.41	23.58	NR ***
	12/22/2001	8.66	8.50	0.16	26.89	NR ***
	3/15/2002	8.86	8.42	0.44	26.91	0.3
	6/4/2002	10.52	10.25	0.27	25.12	0.5
	9/23/2002	11.40	11.31	0.09	24.09	0.13
	12/19/2002	9.39	9.37	0.02	26.05	0.03
	3/19/2003	9.11	9.04	0.07	26.37	0.13
	6/24/2003	10.63	10.52	0.11	24.88	0.01
	9/24/2003	12.53	12.32	0.21	23.06	0.01
	12/26/2003	10.34	9.78	0.56	25.53	NA
	3/30/2004	10.34	9.92	0.42	25.42	NA
	6/24/2004	11.26	11.11	0.15	24.28	NA
	9/27/2004	11.85	11.76	0.09	23.64	NA
	12/14/2004	9.96	9.95	0.01	25.47	0.002
	3/7/2005	11.02	10.90	0.12	24.50	0.02
	6/21/2005	10.62	10.49	0.13	24.90	0.02
	9/19/2005	12.10	11.89	0.21	23.49	0.16
	12/12/2005	10.04	10.01	0.03	25.40	0.03
	3/13/2006	**9.06**	**8.93**	**0.13**	**26.46**	**0.05**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-16	6/9/1999	11.05	NP	-	23.72	NA
(34.77)	7/8/1999	11.61	NP	-	23.16	NA
	8/16/1999	11.82	NP	-	22.95	NA
	9/20/1999	12.00	NP	-	22.77	NA
	2/9/2000	10.39	NP	-	24.38	NA
	5/9/2000	11.10	NP	-	23.67	NA
	5/15/2000	11.12	NP	-	23.65	NA
	7/11/2000	11.86	NP	-	22.91	NA
	8/14/2000	11.96	NP	-	22.81	NA
	12/12/2000	11.95	NP	-	22.82	NA
	4/3/2001	11.93	NP	-	22.84	NA
	6/8/2001	NM	NM	-	NM	-
	7/16/2001	12.06	NP	-	22.71	NA
	9/19/2001	12.60	NP	-	22.17	NA
	12/22/2001	10.40	NP	-	24.37	NA
	3/15/2002	10.64	NP	-	24.13	NA
	6/4/2002	11.89	NP	-	22.88	NA
	9/23/2002	12.16	NP	-	22.61	NA
	12/19/2002	10.89	10.87	0.02	23.90	0.01
	3/19/2003	10.54	NP	-	24.23	NA
	6/24/2003	11.81	NP	-	22.96	NA
	9/24/2003	12.42	NP	-	22.35	NA
	12/26/2003	11.29	NP	-	23.48	NA
	3/30/2004	10.83	NP	-	23.94	NA
	6/24/2004	12.04	12.02	0.02	22.75	NA
	9/27/2004	12.03	NP	-	22.74	NA
	12/14/2004	11.08	NP	-	23.69	NA
	3/7/2005	11.88	NP	-	22.89	NA
	6/21/2005	11.59	NP	-	23.18	NA
	9/19/2005	12.35	12.35	0.00	22.42	NA
	12/12/2005	11.00	10.92	0.08	23.83	0.0
	3/13/2006	**10.55**	**NP**	**-**	**24.22**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-17	6/9/1999	6.90	NP	-	27.56	NA
(34.46)	7/8/1999	7.15	NP	-	27.31	NA
	8/16/1999	7.81	NP	-	26.65	NA
	9/20/1999	8.35	NP	-	26.11	NA
	2/9/2000	6.41	NP	-	28.05	NA
	5/9/2000	6.80	NP	-	27.66	NA
	5/15/2000	6.68	NP	-	27.78	NA
	7/11/2000	7.50	NP	-	26.96	NA
	8/14/2000	8.21	NP	-	26.25	NA
	12/12/2000	8.26	NP	-	26.20	NA
	4/3/2001	7.90	NP	-	26.56	NA
	6/8/2001	NM	NM	-	NM	-
	7/16/2001	8.59	NP	-	25.87	NA
	9/19/2001	9.70	NP	-	24.76	NA
	12/22/2001	6.57	NP	-	27.89	NA
	3/15/2002	6.47	NP	-	27.99	NA
	6/4/2002	7.82	NP	-	26.64	NA
	9/23/2002	8.81	NP	-	25.65	NA
	12/19/2002	7.92	NP	-	26.54	NA
	3/19/2003	6.70	NP	-	27.76	NA
	6/24/2003	7.96	NP	-	26.50	NA
	9/24/2003	9.63	NP	-	24.83	NA
	12/26/2003	7.51	7.10	0.41	27.28	NA
	3/30/2004	7.32	NP	-	27.14	NA
	6/24/2004	8.65	NP	-	25.81	NA
	9/27/2004	8.32	NP	-	26.14	NA
	12/14/2004	7.44	NP	-	27.02	NA
	3/7/2005	8.28	NP	-	26.18	NA
	6/21/2005	7.80	NP	-	26.66	NA
	9/19/2005	9.50	NP	-	24.96	NA
	12/12/2005	7.22	NP	-	27.24	NA
	3/13/2006	**6.64**	**NP**	**-**	**27.82**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-18	6/9/1999	3.77	NP	-	31.07	NA
(34.84)	7/8/1999	4.14	NP	-	30.70	NA
	8/16/1999	5.19	NP	-	29.65	NA
	9/20/1999	NM	NM	-	NM	-
	2/9/2000	NM	NM	-	NM	-
	5/9/2000	NM	NM	-	NM	-
	5/15/2000	NM	NM	-	NM	-
	7/11/2000	NM	NM	-	NM	-
	8/14/2000	NM	NM	-	NM	-
	12/12/2000	NM	NM	-	NM	-
	4/3/2001	NM	NM	-	NM	-
	6/8/2001	NM	NM	-	NM	-
	7/16/2001	NM	NM	-	NM	-
	9/19/2001	NM	NM	-	NM	-
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	NM	NM	-	NM	-
		Abandoned				

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-19	6/9/1999	5.10	NP	-	30.39	NA
(35.49)	7/8/1999	6.24	5.27	0.97	30.03	NR ***
	8/16/1999	7.65	5.87	1.78	29.26	NR ***
	9/20/1999	8.86	6.38	2.48	28.61	NR ***
	2/9/2000	5.94	3.35	2.59	31.62	NR ***
	5/9/2000	6.19	4.38	1.81	30.75	NR ***
	5/15/2000	4.27	4.22	0.05	31.26	NR ***
	5/16/2000	4.32	4.26	0.06	31.22	NR ***
	6/7/2000	5.57	4.78	0.79	30.55	NR ***
	7/11/2000	6.17	5.35	0.82	29.98	NR ***
	8/14/2000	7.50	5.94	1.56	29.24	NR ***
	12/12/2000	8.69	5.90	2.79	29.03	NR ***
	4/3/2001	8.03	5.61	2.42	29.40	NR ***
	6/8/2001	7.77	5.75	2.02	29.34	NR ***
	7/16/2001	7.99	6.32	1.67	28.84	NR ***
	9/19/2001	8.86	7.14	1.72	28.01	NR ***
	12/22/2001	4.62	4.24	0.38	31.17	NR ***
	3/15/2002	4.47	4.13	0.34	31.29	0.25
	6/4/2002	6.92	5.39	1.53	29.79	1.50
	9/23/2002	8.48	6.91	1.57	28.27	0.53
	12/19/2002	7.09	6.17	0.92	29.14	0.26
	3/19/2003	4.83	4.40	0.43	31.00	0.26
	6/24/2003	6.51	5.50	1.01	29.79	0.75
	9/24/2003	7.68	6.99	0.69	28.36	0.26
	12/26/2003	7.41	5.21	2.20	29.84	2.50
	3/30/2004	7.12	5.49	1.63	29.67	2.50
	6/24/2004	7.40	6.62	0.78	28.71	2.50
	9/27/2004	8.28	7.65	0.63	27.71	2.50
	12/14/2004	6.63	6.37	0.26	29.07	0.04
	3/7/2005	6.94	6.92	0.02	28.57	0.003
	6/21/2005	6.43	5.83	0.60	29.54	0.1
	9/19/2005	8.80	7.32	1.48	27.87	0.3
	12/12/2005	5.19	5.19	Sheen	30.30	0.01
	3/13/2006	**4.45**	**NP**	**Sheen**	**31.04**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-20	7/8/1999	7.69	NP	-	27.45	NA
(35.14)	8/16/1999	8.50	NP	-	26.64	NA
	9/20/1999	9.14	NP	-	26.00	NA
	2/9/2000	6.67	NP	-	28.47	NA
	5/9/2000	7.25	NP	-	27.89	NA
	5/15/2000	6.98	NP	-	28.16	NA
	7/11/2000	8.15	NP	-	26.99	NA
	8/14/2000	8.95	NP	-	26.19	NA
	12/12/2000	9.12	NP	-	26.02	NA
	4/3/2001	8.75	NP	-	26.39	NA
	6/8/2001	9.04	NP	-	26.10	NA
	7/16/2001	9.51	NP	-	25.63	NA
	9/19/2001	10.91	NP	-	24.23	NA
	12/20/2001	6.96	NP	-	28.18	NA
	3/15/2002	6.91	NP	-	28.23	NA
	6/4/2002	8.74	NP	-	26.40	NA
	9/23/2002	10.29	NP	-	24.85	NA
	12/19/2002	8.88	NP	-	26.26	NA
	3/19/2003	7.35	NP	-	27.79	NA
	6/24/2003	9.05	NP	-	26.09	NA
	9/24/2003	11.30	NP	-	23.84	NA
	12/26/2003	8.08	8.06	0.02	27.08	NA
	3/30/2004	8.35	NP	-	26.79	NA
	6/24/2004	9.89	NP	-	25.25	NA
	9/27/2004	9.59	NP	-	25.55	NA
	12/14/2004	8.25	NP	-	26.89	NA
	3/7/2005	9.60	NP	-	25.54	NA
	6/21/2005	8.79	NP	-	26.35	NA
	9/19/2005	10.92	NP	-	24.22	NA
	12/12/2005	8.26	NP	-	26.88	NA
	3/13/2006	**7.09**	**NP**	-	**28.05**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-21A	12/12/2000	5.54	NP	-	28.57	NA
(34.11)	4/5/2001	5.21	5.11	0.10	28.98	NR ***
	6/8/2001	5.61	5.11	0.50	28.90	NR ***
	7/16/2001	6.37	5.25	1.12	28.64	NR ***
	9/19/2001	Covered With Construction Equipment				
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	NM	NM	>1.0E	NM	NM
	6/4/2002	NM	4.85E	>1.5E	NM	NM
	9/23/2002	8.10E	6.10E	2.0E	NM	0.04
	12/19/2002	5.19	4.95	0.24	29.11	0.02
	3/19/2003	3.6E	3.4E	0.2E	NM	0.01
	6/24/2003	5.6E	5.33	0.25E	NM	0.01
	9/24/2003	7.1E	6.80	0.3E	NM	0.01
	12/26/2003	3.75	3.63E	0.12E	NM	0.01
	3/30/2004	5.35	4.99	0.36	29.05	0.25
	6/24/2004	6.52	6.17	0.35	27.87	NA
	9/27/2004	7.09	6.59	0.50	27.42	NA
	12/14/2004	5.69	5.48	0.21	28.59	0.005
	3/7/2005	5.80	5.66	0.14	28.42	0.003
	6/22/2005	5.78	5.53	0.25	28.53	0.006
	9/19/2005	7.41	6.89	0.52	27.12	0.012
	12/12/2005	5.29	5.08	0.21	28.99	0.02
	3/13/2006	**4.35**	**4.18**	**0.17**	**29.90**	**0.01**
CR-21B	12/12/2000	6.53	NP	-	27.83	NA
(34.36)	4/3/2001	5.62	NP	-	28.74	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	6.88	NP	-	27.48	NA
	9/19/2001	7.41	NP	-	26.95	NA
	12/20/2001	4.68	NP	-	29.68	NA
	3/15/2002	4.48	NP	-	29.88	NA
	6/4/2002	5.59	NP	-	28.77	NA
	9/23/2002	7.77	NP	-	26.59	NA
	12/19/2002	5.79	NP	-	28.57	NA
	3/19/2003	4.92	NP	-	29.44	NA
	6/24/2003	6.21	NP	-	28.15	NA
	9/24/2003	7.77	NP	-	26.59	NA
	12/26/2003	4.41	NP	-	29.95	NA
	3/30/2004	5.30	NP	-	29.06	NA
	6/24/2004	6.67	NP	-	27.69	NA
	9/27/2004	6.99	NP	-	27.37	NA
	12/14/2004	6.52	NP	-	27.84	NA
	3/7/2005	6.27	NP	-	28.09	NA
	6/22/2005	6.09	NP	-	28.27	NA
	9/19/2005	7.75	NP	-	26.61	NA
	12/12/2005	5.65	NP	-	28.71	NA
	3/13/2006	**4.45**	**NP**	-	**29.91**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-22A	12/12/2000	11.92	NP	-	22.88	NA
(34.80)	4/3/2001	11.51	NP	-	23.29	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	11.89	NP	-	22.91	NA
	9/19/2001	12.52	NP	-	22.28	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	10.36	NP	-	24.44	NA
	6/4/2002	11.32	NP	-	23.48	NA
	9/23/2002	12.12	NP	-	22.68	NA
	12/19/2002	11.93	NP	-	22.87	NA
	3/19/2003	10.99	NP	-	23.81	NA
	6/24/2003	11.83	NP	-	22.97	NA
	9/24/2003	12.96	NP	-	21.84	NA
	12/26/2003	11.65	NP	-	23.15	NA
	3/30/2004	11.79	NP	-	23.01	NA
	6/24/2004	12.28	NP	-	22.52	NA
	9/27/2004	12.33	NP	-	22.47	NA
	12/14/2004	11.98	NP	-	22.82	NA
	3/7/2005	12.02	NP	-	22.78	NA
	6/21/2005	11.85	NP	-	22.95	NA
	9/19/2005	12.73	NP	-	22.07	NA
	12/12/2005	11.59	NP	-	23.21	NA
	3/13/2006	**10.98**	**NP**	-	**23.82**	**NA**
CR-22B	12/12/2000	11.27	NP	-	23.92	NA
(35.19)	4/3/2001	10.70	NP	-	24.49	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	11.31	NP	-	23.88	NA
	9/19/2001	12.02	NP	-	23.17	NA
	12/20/2001	9.63	NP	-	25.56	NA
	3/15/2002	9.52	NP	-	25.67	NA
	6/4/2002	10.59	NP	-	24.60	NA
	9/23/2002	11.57	NP	-	23.62	NA
	12/19/2002	11.39	NP	-	23.80	NA
	3/19/2003	10.02	NP	-	25.17	NA
	6/24/2003	10.52	NP	-	24.67	NA
	9/24/2003	12.24	NP	-	22.95	NA
	12/26/2003	10.64	NP	-	24.55	NA
	3/30/2004	10.33	NP	-	24.86	NA
	6/24/2004	11.26	NP	-	23.93	NA
	9/27/2004	11.25	NP	-	23.94	NA
	12/14/2004	10.87	NP	-	24.32	NA
	3/7/2005	11.13	NP	-	24.06	NA
	6/21/2005	10.90	NP	-	24.29	NA
	9/19/2005	11.84	NP	-	23.35	NA
	12/12/2005	10.59	NP	-	24.60	NA
	3/13/2006	**9.65**	**NP**	-	**25.54**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-23A	12/12/2000	13.56	NP	-	22.79	NA
(36.35)	4/3/2001	13.20	NP	-	23.15	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	13.52	NP	-	22.83	NA
	9/19/2001	14.19	NP	-	22.16	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	11.84	NP	-	24.51	NA
	6/4/2002	12.83	NP	-	23.52	NA
	9/23/2002	13.66	NP	-	22.69	NA
	12/19/2002	13.66	NP	-	22.69	NA
	3/19/2003	11.97	NP	-	24.38	NA
	6/24/2003	12.64	NP	-	23.71	NA
	9/24/2003	13.95	NP	-	22.40	NA
	12/26/2003	12.70	NP	-	23.65	NA
	3/30/2004	12.47	NP	-	23.88	NA
	6/24/2004	13.46	NP	-	22.89	NA
	9/27/2004	13.45	NP	-	22.90	NA
	12/14/2004	13.14	NP	-	23.21	NA
	3/7/2005	13.35	NP	-	23.00	NA
	6/21/2005	12.92	NP	-	23.43	NA
	9/19/2005	13.95	NP	-	22.40	NA
	12/12/2005	12.74	NP	-	23.61	NA
	3/13/2006	11.96	NP	-	24.39	NA
CR-23B	12/12/2000	12.57	NP	-	23.70	NA
(36.27)	4/3/2001	12.18	NP	-	24.09	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	12.71	NP	-	23.56	NA
	9/19/2001	13.79	NP	-	22.48	NA
	12/20/2001	11.04	NP	-	25.23	NA
	3/15/2002	10.94	NP	-	25.33	NA
	6/4/2002	12.96	NP	-	23.31	NA
	9/23/2002	12.79	NP	-	23.48	NA
	12/19/2002	12.79	NP	-	23.48	NA
	3/19/2003	12.55	NP	-	23.72	NA
	6/24/2003	12.65	NP	-	23.62	NA
	9/24/2003	13.57	NP	-	22.70	NA
	12/26/2003	11.85	NP	-	24.42	NA
	3/30/2004	11.46	NP	-	24.81	NA
	6/24/2004	12.73	NP	-	23.54	NA
	9/27/2004	12.62	NP	-	23.65	NA
	12/14/2004	12.36	NP	-	23.91	NA
	3/7/2005	12.61	NP	-	23.66	NA
	6/21/2005	12.33	NP	-	23.94	NA
	9/19/2005	13.29	NP	-	22.98	NA
	12/12/2005	12.00	NP	-	24.27	NA
	3/13/2006	10.98	NP	-	25.29	NA

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-24A	12/12/2000	15.15	NP	-	21.06	NA
(36.21)	4/3/2001	14.46	NP	-	21.75	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	14.64	NP	-	21.57	NA
	9/19/2001	15.11	NP	-	21.10	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	13.29	NP	-	22.92	NA
	6/4/2002	14.07	NP	-	22.14	NA
	9/23/2002	14.82	NP	-	21.39	NA
	12/19/2002	14.72	NP	-	21.49	NA
	3/19/2003	13.53	NP	-	22.68	NA
	6/24/2003	14.04	NP	-	22.17	NA
	9/24/2003	14.88	NP	-	21.33	NA
	12/26/2003	14.17	NP	-	22.04	NA
	3/30/2004	12.61	NP	-	23.60	NA
	6/24/2004	14.45	NP	-	21.76	NA
	9/27/2004	14.65	NP	-	21.56	NA
	12/14/2004	14.45	NP	-	21.76	NA
	3/7/2005	14.24	NP	-	21.97	NA
	6/21/2005	14.13	NP	-	22.08	NA
	9/19/2005	14.77	NP	-	21.44	NA
	12/12/2005	13.09	NP	-	23.12	NA
	3/13/2006	**12.95**	**NP**	-	**23.26**	**NA**
CR-24B	12/12/2000	13.78	NP	-	22.54	NA
(36.32)	4/3/2001	13.40	NP	-	22.92	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	13.77	NP	-	22.55	NA
	9/19/2001	14.44	NP	-	21.88	NA
	12/20/2001	12.41	NP	-	23.91	NA
	3/15/2002	12.06	NP	-	24.26	NA
	6/4/2002	12.94	NP	-	23.38	NA
	9/23/2002	13.42	NP	-	22.90	NA
	12/19/2002	13.78	NP	-	22.54	NA
	3/19/2003	12.52	NP	-	23.80	NA
	6/24/2003	13.06	NP	-	23.26	NA
	9/24/2003	14.32	NP	-	22.00	NA
	12/26/2003	12.97	NP	-	23.35	NA
	3/30/2004	13.52	NP	-	22.80	NA
	6/24/2004	13.58	NP	-	22.74	NA
	9/27/2004	13.61	NP	-	22.71	NA
	12/14/2004	13.41	NP	-	22.91	NA
	3/7/2005	13.66	NP	-	22.66	NA
	6/21/2005	13.20	NP	-	23.12	NA
	9/19/2005	14.03	NP	-	22.29	NA
	12/12/2005	12.95	NP	-	23.37	NA
	3/13/2006	**12.03**	**NP**	-	**24.29**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-25	12/12/2000	8.23	NP	-	26.04	NA
(34.27)	4/3/2001	7.69	7.25	0.44	26.93	NR ***
	6/8/2001	7.49	7.15	0.34	27.05	NR ***
	7/16/2001	8.67	7.73	0.94	26.35	NR ***
	9/19/2001	9.02	8.75	0.27	25.47	NR ***
	12/20/2001	6.96	6.81	0.15	27.43	NR ***
	3/15/2002	6.66	6.51	0.15	27.73	0.1
	6/4/2002	7.83	7.62	0.21	26.61	0.25
	9/23/2002	9.02	8.79	0.23	25.43	0.13
	12/19/2002	8.48	8.34	0.14	25.90	0.05
	3/19/2003	6.91	6.74	0.17	27.50	0.2
	6/24/2003	7.79	7.58	0.21	26.65	NR
	9/24/2003	9.06	8.91	0.15	25.33	NR
	12/26/2003	7.51	7.35	0.16	26.89	NR
	3/30/2004	8.00	7.79	0.21	26.44	0.0
	6/24/2004	8.65	8.19	0.46	25.99	0.0
	9/27/2004	8.65	8.42	0.23	25.80	0.0
	12/14/2004	7.62	7.49	0.13	26.75	0.02
	3/7/2005	8.14	7.95	0.19	26.28	0.03
	6/22/2005	8.07	7.79	0.28	26.42	0.05
	9/19/2005	10.34	9.14	1.20	24.89	0.2
	12/12/2005	7.87	7.58	0.29	26.63	0.17
	3/13/2006	**6.54**	**6.40**	**0.14**	**27.84**	**0.05**
CR-26	9/24/2003	-	-	-	-	-
(33.19)	12/26/2003	-	-	-	-	-
	3/26/2004	-	-	-	-	-
	6/24/2004	20.42	NP	-	12.77	NA
	9/27/2004	21.88	NP	-	11.31	NA
	12/14/2004	22.96	NP	-	-	NA
	3/7/2005	20.81	NP	-	-	NA
	6/22/2005	20.03	NP	-	-	NA
	9/19/2005	22.80	NP	-	-	NA
	12/12/2005	20.92	NP	-	12.27	NA
	1/30/2006	16.21	NP	-	16.98	NA
	3/13/2006	**19.80**	**NP**	-	**13.39**	**NA**
CR-27C	1/30/2006	16.70	NP	-	16.58	NA
(33.28)	**3/13/2006**	**19.46**	**NP**	-	**13.82**	**NA**
CR-28B	1/30/2006	13.52	NP		21.35	NA
(34.87)	**3/13/2006**	**14.54**	**NP**	-	**20.33**	**NA**
CR-28C	1/30/2006	13.11	NP		21.65	NA
(34.76)	**3/13/2006**	**14.02**	**NP**	-	**20.74**	**NA**
CR-29A	1/30/2006	13.03	NP	-	21.13	NA
(34.16)	**3/13/2006**	**13.68**	**NP**	-	**20.48**	**NA**
CR-29B	1/30/2006	14.46	NP	-	19.70	NA
(34.31)	3/13/2006	NM	NP	-	NM	NA

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
CR-30A	1/30/2006	12.10	NP	-	20.96	NA
(33.06)	**3/13/2006**	**12.95**	**NP**	**-**	**20.11**	**NA**
CR-30B	1/30/2006	13.97	NP	-	18.33	NA
(32.30)	**3/13/2006**	**16.13**	**NP**	**-**	**16.17**	**NA**
CR-31A	1/30/2006	1.30	NP	-	20.26	NA
(21.56)	**3/13/2006**	**2.14**	**NP**	**-**	**19.42**	**NA**
CR-31B	1/30/2006	5.06	NP	-	16.63	NA
(21.69)	**3/13/2006**	**7.75**	**NP**	**-**	**13.94**	**NA**
CR-32A	1/30/2006	1.56	NP	-	20.13	NA
(21.69)	**3/13/2006**	**2.41**	**NP**	**-**	**19.28**	**NA**
CR-32B	1/30/2006	5.34	NP	-	16.68	NA
(22.02)	**3/13/2006**	**7.99**	**NP**	**-**	**14.03**	**NA**
CR-32C	1/30/2006	5.38	NP	-	16.42	NA
(21.80)	**3/13/2006**	**8.75**	**NP**	**-**	**13.05**	**NA**
GPW-1	12/12/2000	12.99	NP	-	21.67	NA
(34.66)	2/20/2001	12.59	NP	-	22.07	NA
	4/3/2001	12.56	NP	-	22.10	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	12.70	NP	-	21.96	NA
	9/19/2001	13.15	NP	-	21.51	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	7.46	NP	-	27.20	NA
	6/4/2002	11.71	NP	-	22.95	NA
	9/23/2002	12.95	NP	-	21.71	NA
	12/19/2002	12.71	NP	-	21.95	NA
	3/19/2003	7.19	NP	-	27.47	NA
	6/24/2003	10.06	NP	-	24.60	NA
	9/24/2003	13.07	NP	-	21.59	NA
	12/26/2003	11.01	NP	-	23.65	NA
	3/30/2004	7.61	NP	-	27.05	NA
	6/24/2004	12.36	NP	-	22.30	NA
	9/27/2004	12.99	NP	-	21.67	NA
	12/14/2004	12.93	NP	-	21.73	NA
	3/7/2005	11.52	NP	-	23.14	NA
	6/21/2005	9.65	NP	-	25.01	NA
	9/19/2005	13.01	NP	-	21.65	NA
	12/12/2005	8.75	NP	-	25.91	NA
	3/13/2006	**7.60**	**NP**	**-**	**27.06**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
GPW-2	12/12/2000	NM	NM	NM	NM	-
(34.98)	2/20/2001	10.93	10.68	-	24.05	NA
	4/3/2001	NM	NM	NM	NM	-
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	NM	NM	NM	NM	-
	9/19/2001	12.91	NP	-	22.07	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	7.91	NP	-	27.07	NA
	6/4/2002	NM	NM	1.2E	NM	0.01
	9/23/2002	13.10E	12.97E	0.13E	E	0.05
	12/19/2002	12.32	-	-	-	-
	3/19/2003	9.4E	-	-	-	0.02
	6/24/2003	10.20	NM	Sheen	24.78	NA
	9/24/2003	12.18	11.93	0.25E	23.00	0.01
	12/26/2003	10.80	10.55	0.25	24.38	0.25
	3/30/2004	9.31	8.92	0.39	25.98	0.25
	6/24/2004	10.75	10.73	0.02	24.25	NA
	9/27/2004	12.55	11.83	0.72	23.01	NA
	12/14/2004	12.55	11.94	0.61	22.92	NA
	3/7/2005	10.76	10.75	0.01	24.23	NA
	6/20/2005	10.18	NP	0.00	24.80	NA
	9/19/2005	12.18	11.35	0.83	23.46	0.02
	12/12/2005	9.90	9.90	Sheen	25.08	0.0
	3/13/2006	**9.34**	**9.34**	**Sheen**	**25.64**	**0.0**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
GPW-3	12/12/2000	12.23	NP	-	22.85	NA
(35.08)	2/20/2001	12.03	NP	-	23.05	NA
	4/3/2001	11.97	NP	-	23.11	NA
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	12.16	NP	-	22.92	NA
	9/19/2001	12.66	NP	-	22.42	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	10.46	NP	-	24.62	NA
	6/4/2002	11.22	NP	-	23.86	NA
	9/23/2002	11.72	NP	-	23.36	NA
	12/19/2002	12.20	-	-	-	0.01
	3/19/2003	10.86E	-	-	-	0.01
	6/24/2003	11.35	11.24	0.11	23.82	0.01
	9/24/2003	11.90	11.78	0.12	23.28	0.01
	12/26/2003	13.49	11.24	2.25	23.39	0.25
	3/30/2004	11.73	10.90	0.83	24.01	0.03
	6/24/2004	11.83	11.59	0.24	23.44	NA
	9/27/2004	12.32	11.86	0.46	23.13	NA
	12/14/2004	12.15	11.87	0.28	23.15	0.006
	3/7/2005	11.81	11.60	0.21	23.44	0.005
	6/21/2005	11.35	11.16	0.19	23.88	0.004
	9/19/2005	11.98	11.85	0.13	23.20	0.003
	12/12/2005	11.27	11.21	0.06	23.86	0.02
	3/13/2006	**10.82**	**10.80**	**0.02**	**24.28**	**0.02**
GPW-4	12/12/2000	NM	NM	NM	NM	-
(35.07)	2/20/2001	12.29	NP	-	22.78	NA
	4/3/2001	NM	NM	NM	NM	-
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	NM	NM	NM	NM	-
	9/19/2001	13.02	NP	-	22.05	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	11.08	NP	-	23.99	NA
	6/4/2002	11.98	NP	-	23.09	
	9/23/2002	12.71	NP	-	22.36	NA
	12/19/2002	12.23	NP	-	22.84	NA
	3/19/2003	11.30	NP	-	23.77	NA
	6/24/2003	12.12	NP	-	22.95	NA
	9/24/2003	13.11	13.07	0.04	21.99	Trace
	12/26/2003	12.10	NP	-	22.97	NA
	3/30/2004	12.34	11.78	0.56	23.18	NA
	6/24/2004	12.57	NP	-	22.50	NA
	9/27/2004	12.58	NP	-	22.49	NA
	12/14/2004	12.38	NP	-	22.69	NA
	3/7/2005	12.32	NP	-	22.75	NA
	6/20/2005	12.02	NP	-	23.05	NA
	9/19/2005	12.95	12.93	0.02	22.14	0.003
	12/12/2005	11.89	NP	-	23.18	NA
	3/13/2006	**11.27**	**NP**	**-**	**23.80**	**NA**

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
GPW-5	12/12/2000	NM	NM	NM	NM	-
(34.85)	2/20/2001	12.02	NP	-	22.83	NA
	4/3/2001	NM	NM	NM	NM	-
	6/8/2001	NM	NM	NM	NM	-
	7/16/2001	NM	NM	NM	NM	-
	9/19/2001	12.79	NP	-	22.06	NA
	12/22/2001	NM	NM	-	NM	-
	3/15/2002	10.72	NP	-	24.13	NA
	6/4/2002	11.66	NP	-	23.19	NA
	9/23/2002	12.46	NP	-	22.39	NA
	12/19/2002	11.96	NP	-	22.89	NA
	3/19/2003	10.97	NP	-	23.88	NA
	6/24/2003	11.80	NP	-	23.05	NA
	9/24/2003	12.92	NP	-	21.93	NA
	12/26/2003	11.64	NP	-	23.21	NA
	3/30/2004	11.57	NP	-	23.28	NA
	6/24/2004	12.21	NP	-	22.64	NA
	9/27/2004	12.21	NP	-	22.64	NA
	12/14/2004	12.05	NP	-	22.80	NA
	3/7/2005	12.04	NP	-	22.81	NA
	6/20/2005	11.72	NP	-	23.13	NA
	9/19/2005	12.70	NP	-	22.15	NA
	12/12/2005	11.56	NP	-	23.29	NA
	3/13/2006	**10.84**	**NP**	**-**	**24.01**	**NA**
EX-1	2/14/2000	15.55	NP	-	18.60	NA
(34.15)	5/22/2000	18.29	NP	-	15.86	NA
	8/22/2000	16.56	NP	-	17.59	NA
	11/27/2000	16.86	NP	-	17.29	NA
	2/20/2001	16.66	NP	-	17.49	NA
	5/15/2001	16.62	NP	-	17.53	NA
	9/19/2001	Covered by Facility Equipment				
	12/22/2001	Covered by Facility Equipment				
	3/15/2002	15.34	NP	-	18.81	NA
	9/23/2002	16.88	NP	-	17.27	NA
	12/19/2002	16.99	NP	-	17.16	NA
	3/19/2003	15.65	NP	-	18.50	NA
	6/24/2003	15.98	NP	-	18.17	NA
	9/24/2003	Could Not Access				
	12/26/2003	Could Not Access				
	3/30/2004	Could Not Access				
	6/24/2004	16.35	NP	-	17.80	NA
	9/27/2004	Could Not Access				
	12/14/2004	16.66	NP	-	17.49	NA
	3/7/2005	16.52	NP	-	17.63	NA
	6/20/2005	16.20	NP	-	17.95	NA
	9/19/2005	16.86	NP	-	17.29	NA
	12/12/2005	16.19	NP	-	17.96	NA
	3/13/2006	**15.03**	**NP**	**-**	**19.12**	**NA**

COPPOR00007947

TABLE 1A
GROUNDWATER ELEVATION AND SPH RECOVERY DATA
ChevronTexaco Company - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)

NOTES:
Wells B-8 and B-31 were abandoned after first quarter 2000
NP = No measurable product
NA = Not Applicable
NM = Not Measured
NR = None Recovered
* = SPH Recovered for latest quarter monitored
** = Well Contains a Sock for Product Recovery
*** = Product Recovery Part of Chevron Ethanol Study
E = 3/4 inch-diameter well/ SPH thickness estimated with bailer
- = No measurable product thickness
Groundwater elevations for wells with product thicknesses have been corrected using 0.8
GWE = TOC -(DTW - (0.8 x DTP - DTW)) Where 0.8 = The density of the SPH

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-1	2/14/2000	3.76	NP	-	31.67	NA
(35.43)	5/22/2000	4.72	NP	-	30.71	NA
	8/23/2000	7.52	NP	-	27.91	NA
	11/28/2000	7.43	NP	-	28.00	NA
	2/21/2001	6.32	NP	-	29.11	NA
	5/15/2001	6.33	NP	-	29.10	NA
	9/19/2001	8.40	NP	-	27.03	NA
	12/19/2001	3.92	NP	-	31.51	NA
	3/13/2002	3.80	NP	-	31.63	NA
	6/24/2002	6.56	NP	-	28.87	NA
	9/26/2002	8.15	NP	-	27.28	NA
	12/20/2002	5.32	NP	-	30.11	NA
	3/17/2003	3.81	NP	-	31.62	NA
	6/26/2003	6.19	NP	-	29.24	NA
	9/24/2003	8.04	NP	-	27.39	NA
	12/30/2003	4.02	NP	-	31.41	NA
	3/29/2004	4.45	NP	-	30.98	NA
	6/29/2004	6.84	NP	-	28.59	NA
	9/27/2004	7.32	NP	-	28.11	NA
	12/14/2004	5.31	NP	-	30.12	NA
	3/7/2005	6.81	NP	-	28.62	NA
	6/20/2005	5.60	NP	-	29.83	NA
	9/19/2005	7.62	NP	-	27.81	NA
	12/12/2005	4.99	NP	-	30.44	NA
	3/13/2006	**3.60**	**NP**	**-**	**31.83**	**NA**
MW-2	2/14/2000	5.59	NP	-	30.18	NA
(35.77)	5/22/2000	6.74	NP	-	29.03	NA
	8/23/2000	8.44	NP	-	27.33	NA
	11/28/2000	9.15	NP	-	26.62	NA
	2/21/2001	8.29	NP	-	27.48	NA
	5/15/2001	8.11	NP	-	27.66	NA
	9/19/2001	9.93	NP	-	25.84	NA
	12/19/2001	6.02	NP	-	29.75	NA
	3/13/2002	5.51	NP	-	30.26	NA
	6/24/2002	7.67	NP	-	28.10	NA
	9/26/2002	9.41	NP	-	26.36	NA
	12/20/2002	9.32	NP	-	26.45	NA
	3/17/2003	5.85	NP	-	29.92	NA
	6/26/2003	7.34	NP	-	28.43	NA
	9/24/2003	9.33	NP	-	26.44	NA
	12/30/2003	6.79	NP	-	28.98	NA
	3/29/2004	6.35	NP	-	29.42	NA
	6/29/2004	8.11	NP	-	27.66	NA
	9/27/2004	9.13	NP	-	26.64	NA
	12/14/2004	8.47	NP	-	27.30	NA
	3/7/2005	8.40	NP	-	27.37	NA
	6/20/2005	7.27	NP	-	28.50	NA
	9/19/2005	9.09	NP	-	26.68	NA
	12/12/2005	7.42	NP	-	28.35	NA
	3/13/2006	**5.75**	**NP**	**-**	**30.02**	**NA**

COPPOR00007949

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-3	2/14/2000	7.02	NP	-	29.00	NA
(36.02)	5/22/2000	8.04	NP	-	27.98	NA
	8/23/2000	9.58	NP	-	26.44	NA
	11/28/2000	10.22	NP	-	25.80	NA
	2/21/2001	9.49	NP	-	26.53	NA
	5/15/2001	9.33	NP	-	26.69	NA
	9/19/2001	10.96	NP	-	25.06	NA
	12/19/2001	7.55	NP	-	28.47	NA
	3/13/2002	7.10	NP	-	28.92	NA
	6/24/2002	8.93	NP	-	27.09	NA
	9/26/2002	10.47	NP	-	25.55	NA
	12/20/2002	10.63	NP	-	25.39	NA
	3/17/2003	7.29	NP	-	28.73	NA
	6/26/2003	8.65	NP	-	27.37	NA
	9/24/2003	10.38	NP	-	25.64	NA
	12/30/2003	8.21	NP	-	27.81	NA
	3/29/2004	7.69	NP	-	28.33	NA
	6/29/2004	9.34	NP	-	26.68	NA
	9/27/2004	10.28	NP	-	25.74	NA
	12/14/2004	9.73	NP	-	26.29	NA
	3/7/2005	9.56	NP	-	26.46	NA
	6/20/2005	8.55	NP	-	27.47	NA
	9/19/2005	10.18	NP	-	25.84	NA
	12/12/2005	8.67	NP	-	27.35	NA
	3/13/2006	**7.15**	**NP**	-	**28.87**	**NA**
MW-4	2/14/2000	6.36	NP	-	30.03	NA
(36.39)	5/22/2000	7.54	NP	-	28.85	NA
	8/23/2000	9.18	NP	-	27.21	NA
	11/28/2000	9.83	NP	-	26.56	NA
	2/21/2001	9.07	NP	-	27.32	NA
	5/15/2001	8.93	NP	-	27.46	NA
	9/19/2001	10.59	NP	-	25.80	NA
	12/19/2001	6.98	NP	-	29.41	NA
	3/13/2002	6.42	NP	-	29.97	NA
	6/24/2002	8.49	NP	-	27.90	NA
	9/26/2002	10.10	NP	-	26.29	NA
	12/20/2002	10.21	NP	-	26.18	NA
	3/17/2003	6.57	NP	-	29.82	NA
	6/26/2003	8.15	NP	-	28.24	NA
	9/24/2003	10.00	NP	-	26.39	NA
	12/30/2003	7.65	NP	-	28.74	NA
	3/29/2004	7.07	NP	-	29.32	NA
	6/29/2004	8.88	NP	-	27.51	NA
	9/27/2004	9.89	NP	-	26.50	NA
	12/14/2004	9.29	NP	-	27.10	NA
	3/7/2005	9.10	NP	-	27.29	NA
	6/20/2005	8.03	NP	-	28.36	NA
	9/19/2005	9.78	NP	-	26.61	NA
	12/12/2005	8.15	NP	-	28.24	NA
	3/13/2006	**6.40**	**NP**	-	**29.99**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-5	2/14/2000	6.02	NP	-	27.50	NA
(33.52)	5/22/2000	6.64	NP	-	26.88	NA
	8/23/2000	8.28	NP	-	25.24	NA
	11/28/2000	5.79	NP	-	27.73	NA
	2/21/2001	8.27	NP	-	25.25	NA
	5/15/2001	6.02	sheen	-	27.50	NA
	9/18/2001	9.77	NP	-	23.75	NA
	12/19/2001	6.39	NP	-	27.13	NA
	3/13/2002	6.09	NP	-	27.43	NA
	6/24/2002	7.24	NP	-	26.28	NA
	9/26/2002	9.30	NP	-	24.22	NA
	12/20/2002	8.21	NP	-	25.31	NA
	3/17/2003	5.85	NP	-	27.67	NA
	6/26/2003	7.22	NP	-	26.30	NA
	9/24/2003	9.19	NP	-	24.33	NA
	12/30/2003	7.00	NP	-	26.52	NA
	3/29/2004	6.30	NP	-	27.22	NA
	6/29/2004	8.11	NP	-	25.41	NA
	9/27/2004	9.11	NP	-	24.41	NA
	12/14/2004	8.45	NP	-	25.07	NA
	3/7/2005	8.33	NP	-	25.19	NA
	6/20/2005	7.12	NP	-	26.40	NA
	9/19/2005	9.18	NP	-	24.34	NA
	12/12/2005	7.90	NP	-	25.62	NA
	3/13/2006	**5.90**	**NP**	**-**	**27.62**	**NA**
MW-6	2/14/2000	3.72	3.69	0.03	29.64	2.0
(33.34)	5/22/2000	4.70	NP	-	28.64	NA
	8/23/2000	6.24	NP	-	27.10	NA
	11/28/2000	6.98	NP	-	26.36	0.1
	2/21/2001	6.21	sheen	-	27.13	NA
	5/15/2001	8.10	NP	-	25.24	NA
	9/18/2001	7.71	7.66	0.05	25.67	NA
	12/19/2001	4.05	NP	-	29.29	0.06
	3/13/2002	3.70	sheen	-	29.64	NA
	6/24/2002	5.56	NP	-	27.78	NA
	9/26/2002	7.19	NP	-	26.15	NA
	12/20/2002	7.32	sheen	-	26.02	NA
	3/17/2003	3.87	NP	-	29.47	NA
	6/26/2003	5.20	NP	-	28.14	NA
	9/24/2003	7.09	NP	-	26.25	NA
	12/30/2003	4.80	NP	-	28.54	NA
	3/29/2004	4.29	NP	-	29.05	NA
	6/29/2004	5.23	NP	-	28.11	NA
	9/27/2004	6.98	NP	-	26.36	NA
	12/14/2004	6.37	NP	-	26.97	NA
	3/7/2005	6.03	Sheen	-	27.31	0.1
	6/20/2005	5.15	NP	-	28.19	NA
	9/19/2005	6.92	NP	-	26.42	NA
	12/12/2005	5.45	Sheen	-	27.89	NA
	3/13/2006	**4.10**	**3.88**	**0.22**	**29.42**	**0**

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TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-7	2/14/2000	8.74	8.54	0.20	25.54	3.7
(34.12)	5/22/2000	9.95	8.92	1.03	24.99	11
	8/23/2000	NM	NM	-	NA	2
	11/28/2000	10.94	10.35	0.59	23.65	2.2
	2/21/2001	10.37	10.01	0.36	24.04	1.9
	5/15/2001	10.27	10.00	0.27	24.07	1.75
	9/19/2001	11.04	11.00	0.04	23.11	0.8
	12/19/2001	9.05	8.78	0.27	25.29	1.1
	3/13/2002	9.11	8.30	0.81	25.66	4.5
	6/24/2002	10.38	9.48	0.90	24.46	3.3
	9/26/2002	11.32	10.53	0.79	23.43	2.65
	12/23/2002	11.05	10.82	0.23	23.25	1.10
	3/17/2003	9.18	8.45	0.73	25.52	1.55
	6/26/2003	10.03	9.28	0.75	24.69	1.25
	9/24/2003	11.17	10.46	0.71	23.52	1.00
	12/30/2003	9.83	9.47	0.36	24.58	1.00
	3/29/2004	9.35	8.62	0.73	25.35	1.00
	6/29/2004	10.36	9.80	0.56	24.21	1.00
	9/27/2004	10.97	10.61	0.36	23.44	0.20
	12/14/2004	10.75	10.30	0.45	23.73	1.95
	3/7/2005	10.25	9.98	0.27	24.09	2.5
	6/20/2005	9.89	9.19	0.70	24.79	0.9
	9/19/2005	10.90	10.45	0.45	23.58	1.75
	12/12/2005	9.82	9.50	0.32	24.56	1.05
	3/13/2006	**8.35**	**8.00**	**0.35**	**26.05**	**1.00**
MW-8	2/14/2000	7.18	NP	-	26.77	NA
(33.95)	5/22/2000	8.00	NP	-	25.95	NA
	8/23/2000	9.26	NP	-	24.69	NA
	11/28/2000	9.91	NP	-	24.04	NA
	2/21/2001	9.40	NP	-	24.55	NA
	5/15/2001	9.30	NP	-	24.65	NA
	9/19/2001	10.49	NP	-	23.46	NA
	12/19/2001	8.42	NP	-	25.53	NA
	3/13/2002	7.38	NP	-	26.57	NA
	6/24/2002	8.81	NP	-	25.14	NA
	9/26/2002	10.15	NP	-	23.80	NA
	12/20/2002	10.50	NP	-	23.45	NA
	3/17/2003	7.48	NP	-	26.47	NA
	6/26/2003	8.61	NP	-	25.34	NA
	9/24/2003	10.10	NP	-	23.85	NA
	12/30/2003	8.74	NP	-	25.21	NA
	3/29/2004	8.74	NP	-	25.21	NA
	6/29/2004	9.19	NP	-	24.76	NA
	9/27/2004	10.12	NP	-	23.83	NA
	12/14/2004	9.74	NP	-	24.21	NA
	3/7/2005	9.34	NP	-	24.61	NA
	6/20/2005	8.48	NP	-	25.47	NA
	9/19/2005	9.86	NP	-	24.09	NA
	12/12/2005	8.73	NP	-	25.22	NA
	3/13/2006	**6.96**	**NP**	-	**26.99**	**NA**

COPPOR00007952

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-9	2/14/2000	9.66	NP	-	26.87	NA
(36.53)	5/22/2000	10.24	NP	-	26.29	NA
	8/23/2000	11.42	NP	-	25.11	NA
	11/28/2000	12.18	NP	-	24.35	NA
	2/21/2001	11.85	NP	-	24.68	NA
	5/15/2001	11.83	NP	-	24.70	NA
	9/19/2001	12.86	NP	-	23.67	NA
	12/19/2001	11.87	NP	-	24.66	NA
	3/13/2002	10.30	NP	-	26.23	NA
	6/24/2002	11.21	NP	-	25.32	NA
	9/26/2002	11.43	NP	-	25.10	NA
	12/23/2002	12.97	NP	-	23.56	NA
	3/17/2003	10.62	NP	-	25.91	NA
	6/26/2003	10.86	NP	-	25.67	NA
	9/24/2003	12.27	NP	-	24.26	NA
	12/30/2003	11.77	NP	-	24.76	NA
	3/29/2004	10.39	NP	-	26.14	NA
	6/29/2004	11.58	NP	-	24.95	NA
	9/27/2004	12.56	NP	-	23.97	NA
	12/14/2004	12.42	NP	-	24.11	NA
	3/7/2005	11.71	NP	-	24.82	NA
	6/20/2005	10.95	NP	-	25.58	NA
	9/19/2005	12.22	NP	-	24.31	NA
	12/12/2005	11.34	NP	-	25.19	NA
	3/13/2006	**9.45**	**NP**	**-**	**27.08**	**NA**
MW-10	2/14/2000	8.46	NP	-	27.36	NA
(35.82)	5/22/2000	5.59	NP	-	30.23	NA
	8/23/2000	11.21	NP	-	24.61	NA
	11/28/2000	11.86	NP	-	23.96	NA
	2/21/2001	11.16	NP	-	24.66	NA
	5/15/2001	11.04	NP	-	24.78	NA
	9/19/2001	12.59	NP	-	23.23	NA
	12/19/2001	9.42	NP	-	26.40	NA
	3/13/2002	8.58	NP	-	27.24	NA
	6/24/2002	10.54	NP	-	25.28	NA
	9/26/2002	12.12	NP	-	23.70	NA
	12/23/2002	12.14	NP	-	23.68	NA
	3/17/2003	8.78	NP	-	27.04	NA
	6/26/2003	10.24	NP	-	25.58	NA
	9/24/2003	12.02	NP	-	23.80	NA
	12/30/2003	9.98	NP	-	25.84	NA
	3/29/2004	9.26	NP	-	26.56	NA
	6/29/2004	10.98	NP	-	24.84	NA
	9/27/2004	12.00	NP	-	23.82	NA
	12/14/2004	11.38	NP	-	24.44	NA
	3/7/2005	11.19	NP	-	24.63	NA
	6/20/2005	10.13	NP	-	25.69	NA
	9/19/2005	11.84	NP	-	23.98	NA
	12/12/2005	10.29	NP	-	25.53	NA
	3/13/2006	**8.35**	**NP**	**-**	**27.47**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-11	2/14/2000	5.04	NP	-	31.43	NA
(36.47)	5/22/2000	3.11	NP	-	33.36	NA
	8/23/2000	7.97	NP	-	28.50	NA
	11/28/2000	7.66	NP	-	28.81	NA
	2/21/2001	7.48	NP	-	28.99	NA
	5/15/2001	7.30	NP	-	29.17	NA
	9/19/2001	9.29	NP	-	27.18	NA
	12/19/2001	5.44	NP	-	31.03	NA
	3/13/2002	5.23	NP	-	31.24	NA
	6/24/2002	7.71	NP	-	28.76	NA
	9/26/2002	9.01	NP	-	27.46	NA
	12/23/2002	7.07	NP	-	29.40	NA
	3/17/2003	5.72	NP	-	30.75	NA
	6/26/2003	7.55	NP	-	28.92	NA
	9/24/2003	8.89	NP	-	27.58	NA
	12/30/2003	5.77	NP	-	30.70	NA
	3/29/2004	6.17	NP	-	30.30	NA
	6/29/2004	8.10	NP	-	28.37	NA
	9/27/2004	8.54	NP	-	27.93	NA
	12/14/2004	6.56	NP	-	29.91	NA
	3/7/2005	7.90	NP	-	28.57	NA
	6/20/2005	6.69	NP	-	29.78	NA
	9/19/2005	8.69	NP	-	27.78	NA
	12/12/2005	6.49	NP	-	29.98	NA
	3/13/2006	**5.35**	**NP**	**-**	**31.12**	**NA**
MW-12	2/14/2000	4.99	NP	-	30.96	NA
(35.95)	5/22/2000	6.57	NP	-	29.38	NA
	8/23/2000	8.65	NP	-	27.30	NA
	11/28/2000	9.16	NP	-	26.79	NA
	2/21/2001	8.32	NP	-	27.63	NA
	5/15/2001	8.16	NP	-	27.79	NA
	9/19/2001	10.17	NP	-	25.78	NA
	12/19/2001	5.54	NP	-	30.41	NA
	3/13/2002	4.85	NP	-	31.10	NA
	6/24/2002	7.75	NP	-	28.20	NA
	9/26/2002	9.68	NP	-	26.27	NA
	12/23/2002	8.75	NP	-	27.20	NA
	3/17/2003	5.25	NP	-	30.70	NA
	6/26/2003	7.35	NP	-	28.60	NA
	9/24/2003	9.57	NP	-	26.38	NA
	12/30/2003	6.28	NP	-	29.67	NA
	3/29/2004	5.99	NP	-	29.96	NA
	6/29/2004	8.28	NP	-	27.67	NA
	9/27/2004	9.32	NP	-	26.63	NA
	12/14/2004	8.22	NP	-	27.73	NA
	3/7/2005	8.41	NP	-	27.54	NA
	6/20/2005	7.19	NP	-	28.76	NA
	9/19/2005	9.29	NP	-	26.66	NA
	12/12/2005	7.22	NP	-	28.73	NA
	3/13/2006	**5.13**	**NP**	**-**	**30.82**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-13	2/14/2000	3.85	NP	-	34.04	NA
(37.89)	5/22/2000	5.03	NP	-	32.86	NA
	8/23/2000	7.00	NP	-	30.89	NA
	11/28/2000	6.59	NP	-	31.30	NA
	2/21/2001	6.26	NP	-	31.63	NA
	5/15/2001	6.03	NP	-	31.86	NA
	9/19/2001	8.55	NP	-	29.34	NA
	12/19/2001	3.77	NP	-	34.12	NA
	3/13/2002	3.72	NP	-	34.17	NA
	6/24/2002	6.56	NP	-	31.33	NA
	9/26/2002	8.16	NP	-	29.73	NA
	12/23/2002	5.71	NP	-	32.18	NA
	3/17/2003	4.13	NP	-	33.76	NA
	6/26/2003	6.39	NP	-	31.50	NA
	9/24/2003	8.27	NP	-	29.62	NA
	12/30/2003	4.00	NP	-	33.89	NA
	3/29/2004	4.80	NP	-	33.09	NA
	6/29/2004	7.00	NP	-	30.89	NA
	9/27/2004	7.45	NP	-	30.44	NA
	12/14/2004	5.39	NP	-	32.50	NA
	3/7/2005	6.62	NP	-	31.27	NA
	6/20/2005	5.63	NP	-	32.26	NA
	9/19/2005	7.77	NP	-	30.12	NA
	12/12/2005	5.23	NP	-	32.66	NA
	3/13/2006	**4.08**	**NP**	**-**	**33.81**	**NA**
MW-14	2/14/2000	2.73	NP	-	33.55	NA
(36.28)	5/22/2000	4.50	NP	-	31.78	NA
	8/23/2000	6.55	NP	-	29.73	NA
	11/28/2000	6.36	NP	-	29.92	NA
	2/21/2001	5.65	NP	-	30.63	NA
	5/15/2001	4.67	NP	-	31.61	NA
	9/19/2001	7.71	NP	-	28.57	NA
	12/19/2001	3.10	NP	-	33.18	NA
	3/13/2002	2.84	NP	-	33.44	NA
	6/24/2002	5.90	NP	-	30.38	NA
	9/26/2002	7.45	NP	-	28.83	NA
	12/23/2002	5.39	NP	-	30.89	NA
	3/17/2003	3.17	NP	-	33.11	NA
	6/26/2003	5.54	NP	-	30.74	NA
	9/24/2003	7.47	NP	-	28.81	NA
	12/30/2003	3.52	NP	-	32.76	NA
	3/29/2004	3.92	NP	-	32.36	NA
	6/29/2004	6.38	NP	-	29.90	NA
	9/27/2004	6.82	NP	-	29.46	NA
	12/14/2004	5.21	NP	-	31.07	NA
	3/7/2005	5.97	NP	-	30.31	NA
	6/20/2005	5.05	NP	-	31.23	NA
	9/19/2005	7.12	NP	-	29.16	NA
	12/12/2005	4.77	NP	-	31.51	NA
	3/13/2006	**3.18**	**NP**	**-**	**33.10**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-15	2/14/2000	4.09	NP	-	33.41	NA
(37.50)	5/22/2000	5.80	NP	-	31.70	NA
	8/23/2000	9.21	NP	-	28.29	NA
	11/28/2000	8.90	NP	-	28.60	NA
	2/21/2001	7.46	NP	-	30.04	NA
	5/15/2001	7.80	NP	-	29.70	NA
	9/18/2001	10.46	NP	-	27.04	NA
	12/19/2001	4.03	NP	-	33.47	NA
	3/13/2002	4.14	NP	-	33.36	NA
	6/24/2002	7.93	NP	-	29.57	NA
	9/26/2002	10.13	NP	-	27.37	NA
	12/23/2002	5.72	sheen	-	31.78	NA
	3/17/2003	3.62	NP	-	33.88	NA
	6/26/2003	7.25	NP	-	30.25	NA
	9/24/2003	10.02	NP	-	27.48	NA
	12/30/2003	4.07	NP	-	33.43	NA
	3/29/2004	5.09	NP	-	32.41	NA
	6/29/2004	8.50	NP	-	29.00	NA
	9/27/2004	9.01	NP	-	28.49	NA
	12/14/2004	6.25	NP	-	31.25	NA
	3/7/2005	7.99	NP	-	29.51	NA
	6/20/2005	6.71	NP	-	30.79	NA
	9/19/2005	9.54	NP	-	27.96	NA
	12/12/2005	5.66	NP	-	31.84	NA
	3/13/2006	**3.99**	**NP**	**-**	**33.51**	**NA**
MW-16	2/14/2000	3.44	NP	-	31.49	NA
(34.93)	5/22/2000	4.98	NP	-	29.95	NA
	8/23/2000	6.99	NP	-	27.94	NA
	11/28/2000	7.51	NP	-	27.42	NA
	2/21/2001	6.60	NP	-	28.33	NA
	5/15/2001	6.51	NP	-	28.42	NA
	9/19/2001	8.48	NP	-	26.45	NA
	12/19/2001	3.99	NP	-	30.94	NA
	3/13/2002	3.35	NP	-	31.58	NA
	6/24/2002	5.11	NP	-	29.82	NA
	9/26/2002	6.02	NP	-	28.91	NA
	12/23/2002	7.09	NP	-	27.84	NA
	3/17/2003	3.63	NP	-	31.30	NA
	6/26/2003	5.60	NP	-	29.33	NA
	9/24/2003	8.95	NP	-	25.98	NA
	12/30/2003	4.71	NP	-	30.22	NA
	3/29/2004	4.37	NP	-	30.56	NA
	6/29/2004	6.54	NP	-	28.39	NA
	9/27/2004	7.63	NP	-	27.30	NA
	12/14/2004	6.60	NP	-	28.33	NA
	3/7/2005	6.67	NP	-	28.26	NA
	6/20/2005	5.53	NP	-	29.40	NA
	9/19/2005	7.59	NP	-	27.34	NA
	12/12/2005	5.56	NP	-	29.37	NA
	3/13/2006	**3.60**	**NP**	**-**	**31.33**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-17	2/14/2000	4.22	NP	-	31.83	NA
(36.05)	5/22/2000	4.70	NP	-	31.35	NA
	8/23/2000	5.91	NP	-	30.14	NA
	11/28/2000	5.82	NP	-	30.23	NA
	2/21/2001	5.46	NP	-	30.59	NA
	5/15/2001	5.26	NP	-	30.79	NA
	9/18/2001	6.84	NP	-	29.21	NA
	12/19/2001	4.67	NP	-	31.38	NA
	3/13/2002	4.17	NP	-	31.88	NA
	6/24/2002	5.31	NP	-	30.74	NA
	9/26/2002	6.62	NP	-	29.43	NA
	3/17/2003	4.40	NP	-	31.65	NA
	6/26/2003	5.22	NP	-	30.83	NA
	9/24/2003	6.57	NP	-	29.48	NA
	12/30/2003	4.61	NP	-	31.44	NA
	3/29/2004	4.45	NP	-	31.60	NA
	6/29/2004	5.25	NP	-	30.80	NA
	9/27/2004	5.96	NP	-	30.09	NA
	12/14/2004	Unable to Access, Due to Fuel Transfer Activities				
	3/7/2005	5.43	NP	-	30.62	NA
	6/20/2005	4.90	NP	-	31.15	NA
	9/19/2005	6.18	NP	-	29.87	NA
	12/12/2005	5.03	NP	-	31.02	NA
	3/13/2006	**4.31**	**NP**	**-**	**31.74**	**NA**
MW-18	2/14/2000	0.87	NP	-	32.89	NA
(33.76)	5/22/2000	2.15	NP	-	31.61	NA
	8/23/2000	3.62	sheen	-	30.14	NA
	11/28/2000	3.55	NP	-	30.21	0.1
	2/21/2001	3.10	NP	-	30.66	0.1
	5/15/2001	2.83	NP	-	30.93	0.1
	9/18/2001	4.68	4.66	0.02	29.10	NA
	12/19/2001	0.25	NP	-	33.51	NA
	3/13/2002	0.97	sheen	-	32.79	NA
	6/24/2002	3.03	NP	-	30.73	NA
	9/26/2002	4.32	NP	-	29.44	NA
	12/20/2002	2.83	NP	-	30.93	NA
	3/17/2003	1.48	NP	-	32.28	NA
	6/26/2003	2.76	NP	-	31.00	NA
	9/24/2003	4.31	NP	-	29.45	NA
	12/30/2003	1.20	NP	-	32.56	NA
	3/29/2004	1.71	NP	-	32.05	NA
	6/29/2004	2.98	NP	-	30.78	NA
	9/27/2004	3.74	NP	-	30.02	NA
	12/14/2004	Unable to Access, Due to Fuel Transfer Activities				
	3/7/2005	3.04	NP	-	30.72	NA
	6/20/2005	2.48	NP	-	31.28	NA
	9/19/2005	3.94	NP	-	29.82	NA
	12/12/2005	2.39	NP	-	31.37	NA
	3/13/2005	**1.41**	**NP**	**-**	**32.35**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-19	2/14/2000	2.82	NP	-	30.57	NA
(33.39)	5/22/2000	4.62	4.59	0.03	28.79	NA
	8/23/2000	5.89	5.88	0.01	27.51	NA
	11/28/2000	5.91	NP	-	27.48	0.3
	2/21/2001	5.03	sheen	-	28.36	0.1
	5/15/2001	4.09	sheen	-	29.30	NA
	9/18/2001	7.27	7.23	0.04	26.15	NA
	12/19/2001	2.72	NP	-	30.67	NA
	3/13/2002	2.84	sheen	-	30.55	NA
	6/24/2002	4.61	NP	-	28.78	NA
	9/26/2002	6.42	NP	-	26.97	NA
	12/20/2002	5.06	NP	-	28.33	NA
	3/17/2003	2.59	NP	-	30.80	NA
	6/26/2003	3.42	NP	-	29.97	NA
	9/24/2003	6.51	6.48	0.03	26.90	0.2
	12/30/2003	2.84	NP	-	30.55	NA
	3/29/2004	3.32	NP	-	30.07	NA
	6/29/2004	5.34	Sheen	-	28.05	NA
	9/27/2004	6.04	Sheen	-	27.35	NA
	12/14/2004	4.18	NP	-	29.21	0.1
	3/7/2005	4.78	4.77	0.01	28.62	0.1
	6/20/2005	3.21	Sheen	-	30.18	NA
	9/19/2005	6.27	Sheen	-	27.12	NA
	12/12/2005	3.94	NP	-	29.45	NA
	3/13/2006	**2.70**	**Sheen**	**-**	**30.69**	**0**
MW-20	2/14/2000	9.80	NP	-	24.96	NA
(34.76)	5/22/2000	10.23	NP	-	24.53	NA
	8/23/2000	11.47	NP	-	23.29	NA
	11/28/2000	11.45	NP	-	23.31	NA
	2/21/2001	11.21	NP	-	23.55	NA
	5/15/2001	11.20	NP	-	23.56	NA
	9/18/2001	12.48	NP	-	22.28	NA
	12/19/2001	10.21	NP	-	24.55	NA
	3/13/2002	9.80	NP	-	24.96	NA
	6/24/2002	10.71	NP	-	24.05	NA
	9/26/2002	12.11	NP	-	22.65	NA
	12/20/2002	11.91	NP	-	22.85	NA
	3/17/2003	9.80	NP	-	24.96	NA
	6/26/2003	10.83	NP	-	23.93	NA
	9/24/2003	12.12	NP	-	22.64	NA
	12/30/2003	10.61	NP	-	24.15	NA
	3/29/2004	10.27	NP	-	24.49	NA
	6/29/2004	11.31	NP	-	23.45	NA
	9/27/2004	11.94	NP	-	22.82	NA
	12/14/2004	11.48	NP	-	23.28	NA
	3/7/2005	11.34	NP	-	23.42	NA
	6/20/2005	10.58	NP	-	24.18	NA
	9/19/2005	12.05	NP	-	22.71	NA
	12/12/2005	11.28	NP	-	23.48	NA
	3/13/2006	**9.54**	**NP**	**-**	**25.22**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-21	2/14/2000	1.26	NP	-	33.07	NA
(34.33)	5/22/2000	1.62	NP	-	32.71	NA
	8/23/2000	2.38	NP	-	31.95	NA
	11/28/2000	1.80	NP	-	32.53	NA
	2/21/2001	1.64	NP	-	32.69	NA
	5/15/2001	1.59	NP	-	32.74	NA
	9/18/2001	3.01	NP	-	31.32	NA
	12/19/2001	0.27	NP	-	34.06	NA
	3/13/2002	0.99	NP	-	33.34	NA
	6/24/2002	1.95	NP	-	32.38	NA
	9/26/2002	3.65	NP	-	30.68	NA
	12/20/2002	2.05	NP	-	32.28	NA
	3/17/2003	Unable to Locate				
	6/26/2003	Unable to Access, Covered by Steel Plate				
	9/24/2003	Unable to Access, Covered by Steel Plate				
	12/30/2003	Unable to Access, Covered by Steel Plate				
	3/29/2004	Unable to Access, Covered by Gravel Pile				
	6/29/2004	Unable to Access, Covered by Gravel Pile				
	9/27/2004	Unable to Access, Covered by Gravel Pile				
	12/14/2004	Unable to Access, Covered by Gravel Pile				
	3/7/2005	Unable to Access, Covered by Gravel Pile				
	6/20/2005	Unable to Access, Covered by Gravel Pile				
	9/19/2005	Unable to Access, Covered by Gravel Pile				
	12/12/2005	Unable to Access, Covered by Gravel Pile				
	3/13/2006	**Unable to Access, Covered by Gravel Pile**				
MW-22	2/14/2000	2.85	NP	-	32.80	NA
(35.65)	5/22/2000	4.28	NP	-	31.37	NA
	8/23/2000	5.52	NP	-	30.13	NA
	11/28/2000	6.50	NP	-	29.15	NA
	2/21/2001	5.57	sheen	-	30.08	NA
	5/15/2001	5.29	5.28	0.01	30.37	NA
	9/19/2001	6.53	NP	-	29.12	NA
	12/19/2001	3.56	NP	-	32.09	NA
	3/13/2002	3.10	sheen	-	32.55	NA
	6/24/2002	4.89	4.88	0.01	30.77	NA
	9/26/2002	6.14	6.13	0.01	29.52	NA
	12/20/2002	6.29	NP	-	29.36	NA
	3/17/2003	3.81	sheen	-	31.84	0.01
	6/26/2003	4.56	NP	-	31.09	NA
	9/24/2003	6.00	NP	-	29.65	NA
	12/30/2003	4.60	NP	-	31.05	NA
	3/29/2004	4.09	4.08	0.01	31.56	NA
	6/29/2004	5.48	NP	-	30.17	NA
	9/27/2004	5.79	Sheen	-	29.86	NA
	12/14/2004	5.60	NP	-	30.05	NA
	3/7/2005	5.40	Sheen	-	30.25	0.1
	6/20/2005	4.81	NP	-	30.84	NA
	9/19/2005	6.03	Sheen	-	29.62	0.1
	12/12/2005	4.37	Sheen	-	31.28	NA
	3/13/2006	**3.44**	**NP**	-	**32.21**	**NA**

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TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-23	2/14/2000	3.56	NP	-	32.50	NA
(36.06)	5/22/2000	5.63	NP	-	30.43	NA
	8/23/2000	5.82	5.82	0.00	30.24	NA
	11/28/2000	5.51	5.51	0.00	30.55	0.1
	2/21/2001	5.33	NP	-	30.73	0.1
	5/15/2001	5.01	sheen	-	31.05	NA
	9/19/2001	6.50	6.49	0.01	29.57	NA
	12/19/2001	4.19	NP	-	31.87	NA
	3/13/2002	3.99	NP	-	32.07	NA
	6/24/2002	5.44	NP	-	30.62	NA
	9/26/2002	8.21	sheen	-	27.85	NA
	12/20/2002	5.20	NP	-	30.86	NA
	3/17/2003	4.47	NP	-	31.59	NA
	6/26/2003	5.54	NP	-	30.52	NA
	9/24/2003	6.35	sheen	-	29.71	0.1
	12/30/2003	4.41	NP	-	31.65	NA
	3/29/2004	4.48	NP	-	31.58	NA
	6/29/2004	6.58	sheen	-	29.48	NA
	9/27/2004	5.91	sheen	-	30.15	NA
	12/14/2004	5.05	NP	-	31.01	NA
	3/7/2005	5.12	NP	-	30.94	NA
	6/20/2005	5.19	NP	-	30.87	NA
	9/19/2005	6.22	NP	-	29.84	NA
	12/12/2005	5.09	NP	-	30.97	NA
	3/13/2006	**4.10**	**NP**	**-**	**31.96**	**NA**
MW-24	2/14/2000	5.00	4.50	0.50	30.55	1.0
(35.15)	5/22/2000	5.34	5.21	0.13	29.91	2.0
	8/23/2000	8.56	NP	-	26.59	NA
	11/28/2000	7.79	NP	-	27.36	0.3
	2/21/2001	7.20	7.15	0.05	27.99	0.4
	5/15/2001	5.45	sheen	-	29.70	0.1
	9/19/2001	9.55	9.54	0.01	25.61	NA
	12/19/2001	5.30	4.84	0.46	30.22	0.1
	3/13/2002	6.78	sheen	-	28.37	0.16
	6/24/2002	6.80	6.79	0.01	28.36	0.2
	9/26/2002	8.86	sheen	-	26.29	0.01
	12/20/2002	6.34	6.35	0.01	28.82	NA
	3/17/2003	4.78	4.70	0.08	30.43	0.1
	6/26/2003	6.51	sheen	-	28.64	0.02
	9/24/2003	8.35	NP	-	26.80	NA
	12/30/2003	4.80	4.60	0.2*	30.35	0.10
	3/29/2004	5.35	5.33	0.02*	29.80	NA
	6/29/2004	6.82	6.81	0.01	28.34	NA
	9/27/2004	8.58	8.56	0.02	26.59	NA
	12/14/2004	5.32	sheen	-	29.83	0.30
	3/7/2005	7.71	NP	-	27.44	0.20
	6/20/2005	5.39	5.36	0.03	29.78	0.10
	9/19/2005	-**	8.01	0.02	-**	0.20
	12/12/2005	5.94	5.89	0.05	29.25	0.30
	3/13/2006	**4.60**	**sheen**	**-**	**30.55**	**0.20**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-25	2/14/2000	10.03	NP	-	24.70	NA
(34.73)	5/22/2000	11.66	NP	-	23.07	NA
	8/23/2000	12.20	NP	-	22.53	NA
	11/28/2000	12.34	NP	-	22.39	NA
	2/21/2001	11.97	NP	-	22.76	NA
	5/15/2001	11.91	NP	-	22.82	NA
	9/19/2001	13.12	NP	-	21.61	NA
	12/19/2001	10.45	NP	-	24.28	NA
	3/13/2002	10.35	NP	-	24.38	NA
	6/24/2002	11.38	NP	-	23.35	NA
	9/26/2002	12.77	NP	-	21.96	NA
	12/20/2002	12.14	NP	-	22.59	NA
	3/17/2003	10.38	NP	-	24.35	NA
	6/26/2003	11.60	NP	-	23.13	NA
	9/24/2003	12.77	NP	-	21.96	NA
	12/30/2003	11.00	NP	-	23.73	NA
	3/29/2004	10.46	NP	-	24.27	NA
	6/29/2004	11.93	NP	-	22.80	NA
	9/27/2004	12.67	NP	-	22.06	NA
	12/14/2004	12.52	NP	-	22.21	NA
	3/7/2005	12.10	NP	-	22.63	NA
	6/20/2005	11.40	NP	-	23.33	NA
	9/19/2005	12.71	NP	-	22.02	NA
	12/12/2005	11.52	NP	-	23.21	NA
	3/13/2006	**10.16**	**NP**	**-**	**24.57**	**NA**
MW-26	2/14/2000	10.44	NP	-	24.34	NA
(34.78)	5/22/2000	11.10	NP	-	23.68	NA
	8/23/2000	12.55	NP	-	22.23	NA
	11/28/2000	12.63	NP	-	22.15	NA
	2/21/2001	12.33	sheen	-	22.45	NA
	5/15/2001	12.24	NP	-	22.54	NA
	9/19/2001	13.47	sheen	-	21.31	NA
	12/19/2001	11.04	NP	-	23.74	NA
	3/13/2002	10.91	sheen	-	23.87	NA
	6/24/2002	11.88	NP	-	22.90	NA
	9/26/2002	13.07	NP	-	21.71	NA
	12/20/2002	12.55	NP	-	22.23	NA
	3/17/2003	10.93	NP	-	23.85	NA
	6/26/2003	12.00	NP	-	22.78	NA
	9/24/2003	13.13	NP	-	21.65	NA
	12/30/2003	11.53	NP	-	23.25	NA
	3/29/2004	10.46	NP	-	24.32	NA
	6/29/2004	12.43	NP	-	22.35	NA
	9/27/2004	13.03	NP	-	21.75	NA
	12/14/2004	12.30	NP	-	22.48	NA
	3/7/2005	12.51	NP	-	22.27	NA
	6/20/2005	11.78	NP	-	23.00	NA
	9/19/2005	13.09	NP	-	21.69	NA
	12/12/2005	11.95	NP	-	22.83	NA
	3/13/2006	**10.61**	**NP**	**-**	**24.17**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-27	2/14/2000	3.67	NP	-	32.02	NA
(35.69)	5/22/2000	4.91	NP	-	30.78	NA
	8/23/2000	6.15	NP	-	29.54	NA
	11/28/2000	5.49	NP	-	30.20	NA
	2/21/2001	5.64	NP	-	30.05	NA
	5/15/2001	5.31	NP	-	30.38	NA
	9/19/2001	6.68	NP	-	29.01	NA
	12/19/2001	4.40	NP	-	31.29	NA
	3/13/2002	3.97	NP	-	31.72	NA
	6/24/2002	5.75	NP	-	29.94	NA
	9/26/2002	6.50	NP	-	29.19	NA
	12/20/2002	5.19	NP	-	30.50	NA
	3/17/2003	4.46	NP	-	31.23	NA
	6/26/2003	5.83	NP	-	29.86	NA
	9/24/2003	6.60	NP	-	29.09	NA
	12/30/2003	4.60	NP	-	31.09	NA
	3/29/2004	4.83	NP	-	30.86	NA
	6/29/2004	5.94	NP	-	29.75	NA
	9/27/2004	6.07	NP	-	29.62	NA
	12/14/2004	5.20	NP	-	30.49	NA
	3/7/2005	5.78	NP	-	29.91	NA
	6/20/2005	5.35	NP	-	30.34	NA
	9/19/2005	6.32	NP	-	29.37	NA
	12/12/2005	5.36	NP	-	30.33	NA
	3/13/2006	**4.32**	**NP**	**-**	**31.37**	**NA**
MW-28	2/14/2000	4.03	NP	-	30.36	NA
(34.39)	5/22/2000	5.44	NP	-	28.95	1.0
	8/23/2000	9.55	NP	-	24.84	NA
	11/28/2000	11.34	sheen	-	23.05	0.4
	2/21/2001	8.52	8.51	0.01	25.88	0.1
	5/15/2001	8.54	sheen	-	25.85	NA
	9/19/2001	13.75	13.48	0.27	20.86	0.6
	12/19/2001	4.47	NP	-	29.92	0.4
	3/13/2002	4.49	sheen	-	29.90	NA
	6/24/2002	7.34	NP	-	27.05	NA
	9/26/2002	9.39	NP	-	25.00	NA
	12/23/2002	7.12	7.11	0.01	27.28	NA
	3/17/2003	4.68	4.66	0.02	29.73	0.05
	6/26/2003	7.15	sheen	-	27.24	0.03
	9/24/2003	13.25	13.21	0.04	21.17	0.2
	12/30/2003	5.87	NP	-	29.90	NA
	3/29/2004	5.97	sheen	-	29.80	NA
	6/29/2004	9.68	sheen	-	26.09	NA
	9/27/2004	13.35	13.33	0.02	21.06	NA
	12/14/2004	7.51	sheen	-	26.88	0.4
	3/7/2005	10.65	sheen	-	23.74	0.2
	6/20/2005	7.85	sheen	-	26.54	0.2
	9/19/2005	12.65	sheen	-	21.74	0.3
	12/12/2005	6.87	6.86	0.01	27.53	0.2
	3/13/2006	**4.91**	**NP**	**-**	**29.48**	**0**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-29	2/14/2000	12.98	NP	-	22.79	NA
(35.77)	5/22/2000	13.49	NP	-	22.28	NA
	8/23/2000	14.53	NP	-	21.24	NA
	11/28/2000	14.84	NP	-	20.93	NA
	2/21/2001	14.54	NP	-	21.23	NA
	5/15/2001	14.52	NP	-	21.25	NA
	9/19/2001	15.57	NP	-	20.20	NA
	12/19/2001	13.59	NP	-	22.18	NA
	3/13/2002	13.21	NP	-	22.56	NA
	6/24/2002	13.94	NP	-	21.83	NA
	9/26/2002	15.11	NP	-	20.66	NA
	12/20/2002	14.79	NP	-	20.98	NA
	3/17/2003	13.26	NP	-	22.51	NA
	6/26/2003	13.93	NP	-	21.84	NA
	9/24/2003	15.29	NP	-	20.48	NA
	12/30/2003	13.99	NP	-	21.78	NA
	3/29/2004	13.47	NP	-	22.30	NA
	6/29/2004	14.48	NP	-	21.29	NA
	9/27/2004	15.18	NP	-	20.59	NA
	12/14/2004	14.56	NP	-	21.21	NA
	3/7/2005	14.57	NP	-	21.20	NA
	6/20/2005	13.96	NP	-	21.81	NA
	9/19/2005	15.15	NP	-	20.62	NA
	12/12/2005	14.10	NP	-	21.67	NA
	3/13/2006	**12.97**	**NP**	-	**22.80**	**NA**
MW-30	2/14/2000	3.97	NP	-	32.42	NA
(36.39)	5/22/2000	5.37	NP	-	31.02	NA
	8/23/2000	7.06	NP	-	29.33	NA
	11/28/2000	7.34	NP	-	29.05	NA
	2/21/2001	6.74	NP	-	29.65	NA
	5/15/2001	6.50	NP	-	29.89	NA
	9/19/2001	8.28	NP	-	28.11	NA
	12/19/2001	4.35	NP	-	32.04	NA
	3/13/2002	4.31	NP	-	32.08	NA
	6/24/2002	6.28	NP	-	30.11	NA
	9/26/2002	7.64	NP	-	28.75	NA
	12/20/2002	7.11	NP	-	29.28	NA
	3/17/2003	4.72	NP	-	31.67	NA
	6/26/2003	6.14	NP	-	30.25	NA
	9/24/2003	7.85	NP	-	28.54	NA
	12/30/2003	4.87	NP	-	31.52	NA
	3/29/2004	5.21	NP	-	31.18	NA
	6/29/2004	6.71	NP	-	29.68	NA
	9/27/2004	7.71	NP	-	28.68	NA
	12/14/2004	6.60	NP	-	29.79	NA
	3/7/2005	6.81	NP	-	29.58	NA
	6/20/2005	5.85	NP	-	30.54	NA
	9/19/2005	7.39	NP	-	29.00	NA
	12/12/2005	5.66	NP	-	30.73	NA
	3/13/2006	**4.55**	**NP**	-	**31.84**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-31	2/14/2000	5.19	NP	-	30.47	NA
(35.66)	5/22/2000	6.66	NP	-	29.00	NA
	8/23/2000	8.41	NP	-	27.25	NA
	11/28/2000	8.86	NP	-	26.80	NA
	2/21/2001	8.07	NP	-	27.59	NA
	5/15/2001	7.90	NP	-	27.76	NA
	9/19/2001	9.69	NP	-	25.97	NA
	12/19/2001	5.43	NP	-	30.23	NA
	3/13/2002	5.31	NP	-	30.35	NA
	6/24/2002	7.67	NP	-	27.99	NA
	9/26/2002	9.09	9.06	0.03	26.59	NA
	12/20/2002	8.89	NP	-	26.77	NA
	3/17/2003	6.12	sheen	-	29.54	0.01
	6/26/2003	7.58	NP	-	28.08	NA
	9/24/2003	9.54	9.45	0.09	26.12	0.2
	12/30/2003	6.20	NP	-	29.46	NA
	3/29/2004	6.49	NP	-	29.17	NA
	6/29/2004	8.31	sheen	-	27.35	NA
	9/27/2004	9.38	sheen	-	26.28	NA
	12/14/2004	8.55	NP	-	27.11	NA
	3/7/2005	8.43	NP	-	27.23	NA
	6/20/2005	7.43	sheen	-	28.23	0.1
	9/19/2005	9.02	NP	-	26.64	0.1
	12/12/2005	6.99	NP	-	28.67	NA
	3/13/2006	**5.61**	**NP**	**-**	**30.05**	**NA**
MW-32	2/14/2000	3.57	NP	-	33.44	NA
(37.01)	5/22/2000	4.83	NP	-	32.18	NA
	8/23/2000	6.41	NP	-	30.60	NA
	11/28/2000	6.69	NP	-	30.32	NA
	2/21/2001	6.11	NP	-	30.90	NA
	5/15/2001	5.99	NP	-	31.02	NA
	9/19/2001	7.64	NP	-	29.37	NA
	12/19/2001	4.30	NP	-	32.71	NA
	3/13/2002	3.71	NP	-	33.30	NA
	6/24/2002	5.72	NP	-	31.29	NA
	9/26/2002	7.18	NP	-	29.83	NA
	12/20/2002	6.72	NP	-	30.29	NA
	3/17/2003	4.15	sheen	-	32.86	0.01
	6/26/2003	5.53	NP	-	31.48	NA
	9/24/2003	7.28	NP	-	29.73	NA
	12/30/2003	4.58	NP	-	32.43	NA
	3/29/2004	4.65	NP	-	32.36	NA
	6/29/2004	6.25	NP	-	30.76	NA
	9/27/2004	7.16	NP	-	29.85	NA
	12/14/2004	6.28	NP	-	30.73	NA
	3/7/2005	6.32	NP	-	30.69	NA
	6/20/2005	5.42	NP	-	31.59	NA
	9/19/2005	6.91	NP	-	30.10	NA
	12/12/2005	5.21	NP	-	31.80	NA
	3/13/2006	**3.99**	**NP**	**-**	**33.02**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-33	2/14/2000	19.59	NP	-	19.75	NA
(39.34)	5/22/2000	20.15	NP	-	19.19	NA
	8/23/2000	20.88	NP	-	18.46	NA
	11/28/2000	20.98	NP	-	18.36	NA
	2/21/2001	20.78	NP	-	18.56	NA
	5/15/2001	20.83	NP	-	18.51	NA
	9/19/2001	21.43	NP	-	17.91	NA
	12/19/2001	12.62	NP	-	26.72	NA
	3/13/2002	19.61	NP	-	19.73	NA
	6/24/2002	20.42	NP	-	18.92	NA
	9/26/2002	21.13	NP	-	18.21	NA
	12/20/2002	20.66	NP	-	18.68	NA
	3/17/2003	19.73	NP	-	19.61	NA
	6/26/2003	20.31	NP	-	19.03	NA
	9/24/2003	21.04	NP	-	18.30	NA
	12/30/2003	19.82	NP	-	19.52	NA
	3/29/2004	19.89	NP	-	19.45	NA
	6/29/2004	20.65	NP	-	18.69	NA
	9/27/2004	21.16	NP	-	18.18	NA
	12/14/2004	20.60	NP	-	18.74	NA
	3/7/2005	20.57	NP	-	18.77	NA
	6/20/2005	20.32	NP	-	19.02	NA
	9/19/2005	21.05	NP	-	18.29	NA
	12/12/2005	20.20	NP	-	19.14	NA
	3/13/2006	**19.54**	**NP**	**-**	**19.80**	**NA**
MW-34	2/14/2000	19.31	NP	-	20.36	NA
(39.67)	5/22/2000	19.75	NP	-	19.92	NA
	8/23/2000	20.88	NP	-	18.79	NA
	11/28/2000	20.39	NP	-	19.28	NA
	2/21/2001	20.19	NP	-	19.48	NA
	5/15/2001	20.18	NP	-	19.49	NA
	9/19/2001	20.60	NP	-	19.07	NA
	12/19/2001	19.20	NP	-	20.47	NA
	3/13/2002	19.37	NP	-	20.30	NA
	6/24/2002	19.95	NP	-	19.72	NA
	9/26/2002	20.41	NP	-	19.26	NA
	3/17/2003	19.39	NP	-	20.28	NA
	6/26/2003	19.85	NP	-	19.82	NA
	9/24/2003	20.39	NP	-	19.28	NA
	12/30/2003	19.57	NP	-	20.10	NA
	3/29/2004	19.54	NP	-	20.13	NA
	6/29/2004	20.11	NP	-	19.56	NA
	9/27/2004	20.46	NP	-	19.21	NA
	12/14/2004	20.15	NP	-	19.52	NA
	3/7/2005	20.00	NP	-	19.67	NA
	6/20/2005	19.84	NP	-	19.83	NA
	9/19/2005	20.37	NP	-	19.30	NA
	12/12/2005	19.71	NP	-	19.96	NA
	3/13/2006	**19.30**	**NP**	**-**	**20.37**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-35	2/14/2000	2.34	NP	-	31.05	NA
(33.39)	5/22/2000	3.21	NP	-	30.18	NA
	8/23/2000	4.98	NP	-	28.41	NA
	11/28/2000	5.54	NP	-	27.85	NA
	2/21/2001	4.67	NP	-	28.72	NA
	5/15/2001	4.35	NP	-	29.04	NA
	9/18/2001	6.33	NP	-	27.06	NA
	12/19/2001	5.84	NP	-	27.55	NA
	3/13/2002	2.61	NP	-	30.78	NA
	6/24/2002	--Unable to Locate--				
	9/26/2002	5.85	NP	-	27.54	NA
	12/20/2002	5.91	sheen	-	27.48	NA
	3/17/2003	3.44	NP	-	29.95	NA
	6/26/2003	3.83	NP	-	29.56	NA
	9/24/2003	5.85	NP	-	27.54	NA
	12/30/2003	3.58	NP	-	29.81	NA
	3/29/2004	2.97	NP	-	30.42	NA
	6/29/2004	2.50	NP	-	30.89	NA
	9/27/2004	5.55	NP	-	27.84	NA
	12/14/2004	4.91	NP	-	28.48	NA
	3/7/2005	4.85	NP	-	28.54	NA
	6/20/2005	4.13	NP	-	29.26	NA
	9/19/2005	5.51	NP	-	27.88	NA
	12/12/2005	4.02	NP	-	29.37	NA
	3/13/2006	**2.69**	**NP**	**-**	**30.70**	**NA**
MW-36	2/14/2000	14.04	NP	-	20.84	NA
(34.88)	5/22/2000	14.62	NP	-	20.26	NA
	8/23/2000	15.39	NP	-	19.49	NA
	11/28/2000	15.72	NP	-	19.16	NA
	2/21/2001	15.49	NP	-	19.39	NA
	5/15/2001	15.51	NP	-	19.37	NA
	9/19/2001	16.08	NP	-	18.80	NA
	12/20/2001	14.98	NP	-	19.90	NA
	3/13/2002	14.18	NP	-	20.70	NA
	6/24/2002	--Unable to Access--				
	9/26/2002	17.92	NP	-	16.96	NA
	12/20/2002	15.59	NP	-	19.29	NA
	3/17/2003	14.25	NP	-	20.63	NA
	6/26/2003	--Unable to Access--				
	9/24/2003	15.74	NP	-	19.14	NA
	12/30/2003	14.97	NP	-	19.91	NA
	3/29/2004	14.37	NP	-	20.51	NA
	6/29/2004	15.33	NP	-	19.55	NA
	9/27/2004	15.87	NP	-	19.01	NA
	12/14/2004	15.54	NP	-	19.34	NA
	3/7/2005	--Unable to Access--				
	6/20/2005	14.98	NP	-	19.90	NA
	9/19/2005	15.75	NP	-	19.13	NA
	12/12/2005	15.01	NP	-	19.87	NA
	3/13/2006	**13.82**	**NP**	**-**	**21.06**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-37	2/14/2000	14.71	NP	-	20.15	NA
(34.86)	5/22/2000	15.27	NP	-	19.59	NA
	8/23/2000	16.06	NP	-	18.80	NA
	11/28/2000	16.32	NP	-	18.54	NA
	2/21/2001	16.10	NP	-	18.76	NA
	5/15/2001	16.11	NP	-	18.75	NA
	9/19/2001	16.69	NP	-	18.17	NA
	12/19/2001	15.10	NP	-	19.76	NA
	3/13/2002	14.64	14.62	0.02	20.24	0.1
	6/24/2002	15.66	NP	-	19.20	NA
	9/26/2002	16.39	NP	-	18.47	NA
	12/20/2002	16.11	sheen	-	18.75	NA
	3/17/2003	14.92	NP	-	19.94	NA
	6/26/2003	--Unable to Acess--				
	9/24/2003	16.40	16.37	0.03	18.48	0.1
	12/30/2003	15.35	NP	NP	19.51	NA
	3/29/2004	14.93	14.94	0.01	19.94	0.1
	6/29/2004	15.96	sheen	-	18.90	NA
	9/27/2004	16.52	16.51	0.01	18.35	0.1
	12/14/2004	16.10	NP	-	18.76	NA
	3/7/2005	16.07	NP	-	18.79	0.1
	6/20/2005	15.60	NP	-	19.26	NA
	9/19/2005	16.34	NP	-	18.52	NA
	12/12/2005	15.59	NP	-	19.27	NA
	3/13/2006	**14.21**	**NP**	-	**20.65**	**NA**
MW-38	2/14/2000	4.72	NP	-	32.78	NA
(37.50)	5/22/2000	6.17	NP	-	31.33	NA
	8/23/2000	8.02	NP	-	29.48	NA
	11/28/2000	8.41	NP	-	29.09	NA
	2/21/2001	7.62	NP	-	29.88	NA
	5/15/2001	7.65	sheen	-	29.85	NA
	9/18/2001	9.52	NP	-	27.98	NA
	12/19/2001	6.05	NP	-	31.45	NA
	3/13/2002	4.97	NP	-	32.53	NA
	6/24/2002	7.10	NP	-	30.40	NA
	9/26/2002	9.09	NP	-	28.41	NA
	12/23/2002	7.82	NP	-	29.68	NA
	3/17/2003	4.89	NP	-	32.61	NA
	6/26/2003	6.55	NP	-	30.95	NA
	9/24/2003	9.04	NP	-	28.46	NA
	12/30/2003	6.57	NP	-	30.93	NA
	3/29/2004	5.42	NP	-	32.08	NA
	6/29/2004	7.34	NP	-	30.16	NA
	9/27/2004	8.57	NP	-	28.93	NA
	12/14/2004	7.84	NP	-	29.66	NA
	3/7/2005	7.85	NP	-	29.65	NA
	6/20/2005	6.69	NP	-	30.81	NA
	9/19/2005	8.73	NP	-	28.77	NA
	12/12/2005	6.95	NP	-	30.55	NA
	3/13/2006	**4.92**	**NP**	-	**32.58**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-39	2/14/2000	NM	NP	-	NA	NA
(35.02)	5/22/2000	13.56	NP	-	21.46	NA
	8/23/2000	14.15	NP	-	20.87	NA
	11/28/2000	14.52	NP	-	20.50	NA
	2/21/2001	14.30	NP	-	20.72	NA
	5/15/2001	14.24	NP	-	20.78	NA
	9/19/2001	14.82	NP	-	20.20	NA
	12/19/2001	13.52	NP	-	21.50	NA
	3/13/2002	13.26	NP	-	21.76	NA
	6/24/2002	--Unable to Locate--				
	9/26/2002	17.01	NP	-	18.01	NA
	12/20/2002	14.71	NP	-	20.31	NA
	3/17/2003	13.37	NP	-	21.65	NA
	6/26/2003	--Unable to Access--				
	9/24/2003	14.59	NP	-	20.43	NA
	12/30/2003	13.97	NP	-	21.05	NA
	3/29/2004	13.42	NP	-	21.60	NA
	6/29/2004	14.17	NP	-	20.85	NA
	9/27/2004	14.71	NP	-	20.31	NA
	12/14/2004	--Unable to Access--				
	3/7/2005	--Unable to Access--				
	6/20/2005	--Unable to Access--				
	9/19/2005	14.54	NP	-	20.48	NA
	12/12/2005	13.98	NP	-	21.04	NA
	3/13/2006	**12.96**	**NP**	**-**	**22.06**	**NA**

TABLE 1B
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
Kinder Morgan - Willbridge Terminal
Portland, Oregon

Well Designation	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
MW-40	2/14/2000	13.64	NP	-	20.01	NA
(33.65)	5/22/2000	14.28	NP	-	19.37	NA
	8/23/2000	15.01	NP	-	18.64	NA
	11/28/2000	15.15	NP	-	18.50	NA
	2/21/2001	14.97	NP	-	18.68	NA
	5/15/2001	15.00	NP	-	18.65	NA
	9/19/2001	15.58	NP	-	18.07	NA
	12/19/2001	13.72	NP	-	19.93	NA
	3/13/2002	13.58	NP	-	20.07	NA
	6/24/2002	14.62	NP	-	19.03	NA
	9/26/2002	17.30	NP	-	16.35	NA
	12/20/2002	15.78	NP	-	17.87	NA
	3/17/2003	13.84	NP	-	19.81	NA
	6/26/2003	14.45	NP	-	19.20	NA
	9/24/2003	15.25	NP	-	18.40	NA
	12/30/2003	14.03	NP	-	19.62	NA
	3/29/2004	14.04	NP	-	19.61	NA
	6/29/2004	14.85	NP	-	18.80	NA
	9/27/2004	15.35	NP	-	18.30	NA
	12/14/2004	14.80	NP	-	18.85	NA
	3/7/2005	14.84	NP	-	18.81	NA
	6/20/2005	14.50	NP	-	19.15	NA
	9/19/2005	15.25	NP	-	18.40	NA
	12/12/2005	14.40	NP	-	19.25	NA
	3/13/2006	**13.57**	**NP**	**-**	**20.08**	**NA**

NOTES:
If SPH Thickness equals 0.0 feet, then non-measurable sheen was observed
NP - No measurable product
NA - Not Applicable
NM - Not Measured
* - SPH Recovered for latest quarter monitored
** - Unable to determine due to SPH viscosity
GWE = TOC -(DTW - (0.8 x DTP - DTW)) Where 0.8 = The density of the SPH

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TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-1	2/14/2000	16.82	NP	-	17.86	NA
(34.68)	5/22/2000	17.05	NP	-	17.63	NA
	8/22/2000	17.48	NP	-	17.20	NA
	11/27/2000	17.82	NP	-	16.86	NA
	2/20/2001	17.71	NP	-	16.97	NA
	5/15/2001	17.68	NP	-	17.00	NA
	9/18/2001	18.01	NP	-	16.67	NA
	12/20/2001	17.10	NP	-	17.58	NA
	3/13/2002	16.77	NP	-	17.91	NA
	6/24/2002	17.32	NP	-	17.36	NA
	9/26/2002	17.74	NP	-	16.94	NA
	12/20/2002	17.57	NP	-	17.11	NA
	3/17/2003	16.97	NP	-	17.71	NA
	6/26/2003	17.24	NP	-	17.44	NA
	9/24/2003	17.77	NP	-	16.91	NA
	12/30/2003	17.09	NP	-	17.59	NA
	3/29/2004	16.98	NP	-	17.70	NA
	6/29/2004	17.45	NP	-	17.23	NA
	9/27/2004	17.71	NP	-	16.97	NA
	12/14/2004	17.58	NP	-	17.10	NA
	3/7/2005	17.62	NP	-	17.06	NA
	6/20/2005	17.30	NP	-	17.38	NA
	9/19/2005	17.74	NP	-	16.94	NA
	12/12/2005	17.22	NP	-	17.46	NA
	3/13/2006	**16.50**	**NP**	**-**	**18.18**	**NA**
B-2	2/14/2000	16.68	NP	-	18.67	NA
(35.35)	5/22/2000	17.06	NP	-	18.29	NA
	8/22/2000	17.61	NP	-	17.74	NA
	11/27/2000	17.97	NP	-	17.38	NA
	2/20/2001	17.82	NP	-	17.53	NA
	5/15/2001	17.74	NP	-	17.61	NA
	9/18/2001	18.23	NP	-	17.12	NA
	12/20/2001	17.06	NP	-	18.29	NA
	3/13/2002	16.80	NP	-	18.55	NA
	6/24/2002	17.44	NP	-	17.91	NA
	9/26/2002	17.99	NP	-	17.36	NA
	12/20/2002	18.06	NP	-	17.29	NA
	3/17/2003	17.03	NP	-	18.32	NA
	6/26/2003	17.29	NP	-	18.06	NA
	9/24/2003	18.03	NP	-	17.32	NA
	12/30/2003	17.38	NP	-	17.97	NA
	3/29/2004	16.89	NP	-	18.46	NA
	6/29/2004	17.62	NP	-	17.73	NA
	9/27/2004	18.09	NP	-	17.26	NA
	12/14/2004	17.94	NP	-	17.41	NA
	3/7/2005	17.78	NP	-	17.57	NA
	6/20/2005	17.41	NP	-	17.94	NA
	9/19/2005	17.98	NP	-	17.37	NA
	12/12/2005	17.37	NP	-	17.98	NA
	3/13/2006	**16.50**	**NP**	**-**	**18.85**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-3	2/14/2000	18.14	NP	-	16.67	NA
(34.81)	5/22/2000	18.36	NP	-	16.45	NA
	8/22/2000	19.05	NP	-	15.76	NA
	11/27/2000	19.31	NP	-	15.50	NA
	2/20/2001	19.22	NP	-	15.59	NA
	5/15/2001	19.26	NP	-	15.55	NA
	9/18/2001	19.63	NP	-	15.18	NA
	12/20/2001	18.03	NP	-	16.78	NA
	3/13/2002	18.12	NP	-	16.69	NA
	6/24/2002	18.84	NP	-	15.97	NA
	9/26/2002	19.21	NP	-	15.60	NA
	12/20/2002	18.79	NP	-	16.02	NA
	3/17/2003	18.14	NP	-	16.67	NA
	6/26/2003	18.87	NP	-	15.94	NA
	9/24/2003	19.20	NP	-	15.61	NA
	12/30/2003	18.22	NP	-	16.59	NA
	3/29/2004	18.30	NP		16.51	NA
	6/29/2004	18.93	NP	-	15.88	NA
	9/27/2004	19.19	NP	-	15.62	NA
	12/14/2004	18.89	NP	-	15.92	NA
	3/7/2005	19.14	NP	-	15.67	NA
	6/20/2005	18.88	NP	-	15.93	NA
	9/19/2005	19.24	NP	-	15.57	NA
	12/12/2005	18.50	NP	-	16.31	NA
	3/13/2006	**17.75**	**NP**	**-**	**17.06**	**NA**
B-4	2/14/2000	18.25	17.59	0.66	16.98	3
(34.70)	5/22/2000	17.80	NP	-	16.90	0.5
	8/22/2000	18.22	18.21	0.01	16.49	NA
	11/27/2000	18.55	NP	-	16.15	NA
	2/20/2001	18.49	18.48	0.01	16.22	NA
	5/15/2001	18.47	18.46	0.01	16.24	0.1
	9/18/2001	18.75	18.74	0.01	15.96	0.1
	12/20/2001	18.05	NP	-	16.65	NA
	3/13/2002	17.69	NP	-	17.01	0.1
	6/24/2002	18.10	NP	-	16.60	NA
	9/26/2002	18.43	NP	-	16.27	NA
	12/20/2002	18.43	NP	-	16.27	NA
	3/17/2003	18.14	17.81	0.33	16.82	0.01
	6/26/2003	18.08	18.05	0.03	16.64	0.04
	9/24/2003	18.45	18.44	0.01	16.26	NA
	12/30/2003	18.05	NP	-	16.65	NA
	3/29/2004	17.90	17.70	0.20	16.96	0.1
	6/29/2004	18.61	sheen	-	16.09	NA
	9/27/2004	18.46	NP	-	16.24	NA
	12/14/2004	18.42	NP	-	16.28	NA
	3/7/2005	18.35	NP	-	16.35	NA
	6/20/2005	18.19	18.11	0.08	16.57	0.1
	9/19/2005	18.45	sheen	-	16.25	0.11
	12/12/2005	18.17	NP	-	16.53	0.2
	3/13/2006	**17.43**	**17.24**	**0.19**	**17.42**	**0.1**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-5	2/14/2000	16.24	NP	-	18.59	NA
(34.83)	5/22/2000	16.63	NP	-	18.20	NA
	8/22/2000	16.98	sheen	-	17.85	NA
	11/27/2000	17.36	NP	-	17.47	NA
	2/20/2001	17.23	NP	-	17.60	NA
	5/15/2001	17.18	NP	-	17.65	NA
	9/18/2001	17.49	NP	-	17.34	NA
	12/20/2001	16.68	NP	-	18.15	NA
	3/13/2002	16.28	NP	-	18.55	NA
	6/24/2002	16.88	NP	-	17.95	NA
	9/26/2002	17.28	NP	-	17.55	NA
	12/20/2002	17.43	NP	-	17.40	NA
	3/17/2003	16.51	NP	-	18.32	NA
	6/26/2003	16.71	NP	-	18.12	NA
	9/24/2003	17.33	NP	-	17.50	NA
	12/30/2003	16.86	NP	-	17.97	NA
	3/29/2004	16.33	NP	-	18.50	NA
	6/29/2004	16.99	NP	-	17.84	NA
	9/27/2004	17.35	NP	-	17.48	NA
	12/14/2004	17.25	NP	-	17.58	NA
	3/7/2005	17.15	NP	-	17.68	NA
	6/20/2005	16.77	NP	-	18.06	NA
	9/19/2005	17.25	NP	-	17.58	NA
	12/12/2005	16.75	NP	-	18.08	NA
	3/13/2006	**15.90**	**NP**	**-**	**18.93**	**NA**
B-6	2/14/2000	16.53	NP	-	18.96	NA
(35.49)	5/22/2000	16.95	NP	-	18.54	NA
	8/22/2000	17.40	NP	-	18.09	NA
	11/27/2000	17.80	NP	-	17.69	NA
	2/20/2001	17.64	NP	-	17.85	NA
	5/15/2001	17.56	NP	-	17.93	NA
	9/18/2001	17.95	NP	-	17.54	NA
	12/20/2001	17.02	NP	-	18.47	NA
	3/13/2002	16.57	NP	-	18.92	NA
	6/24/2002	17.22	NP	-	18.27	NA
	9/26/2002	17.71	NP	-	17.78	NA
	12/20/2002	17.80	NP	-	17.69	NA
	3/17/2003	16.81	NP	-	18.68	NA
	6/26/2003	17.04	NP	-	18.45	NA
	9/24/2003	17.73	NP	-	17.76	NA
	12/30/2003	17.21	NP	-	18.28	NA
	3/29/2004	16.61	NP	-	18.88	NA
	6/29/2004	17.35	NP	-	18.14	NA
	9/27/2004	17.80	NP	-	17.69	NA
	12/14/2004	17.66	NP	-	17.83	NA
	3/7/2005	17.50	NP	-	17.99	NA
	6/20/2005	17.12	NP	-	18.37	NA
	9/19/2005	17.66	NP	-	17.83	NA
	12/12/2005	17.12	NP	-	18.37	NA
	3/13/2006	**16.14**	**NP**	**-**	**19.35**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-16	2/14/2000	16.84	NP	-	18.98	NA
(35.82)	5/22/2000	17.27	NP	-	18.55	NA
	8/22/2000	17.76	NP	-	18.06	NA
	11/27/2000	18.16	NP	-	17.66	NA
	2/20/2001	17.98	NP	-	17.84	NA
	5/15/2001	18.04	NP	-	17.78	NA
	9/18/2001	18.44	NP	-	17.38	NA
	12/20/2001	17.43	NP	-	18.39	NA
	3/13/2002	17.02	NP	-	18.80	NA
	6/24/2002	17.67	NP	-	18.15	NA
	9/26/2002	18.18	NP	-	17.64	NA
	12/20/2002	18.31	NP	-	17.51	NA
	3/17/2003	17.24	NP	-	18.58	NA
	6/26/2003	17.46	NP	-	18.36	NA
	9/24/2003	18.21	NP	-	17.61	NA
	12/30/2003	17.67	NP	-	18.15	NA
	3/29/2004	17.06	NP	-	18.76	NA
	6/29/2004	17.80	NP	-	18.02	NA
	9/27/2004	18.28	NP	-	17.54	NA
	12/14/2004	18.14	NP	-	17.68	NA
	3/7/2005	17.95	NP	-	17.87	NA
	6/20/2005	17.58	NP	-	18.24	NA
	9/19/2005	18.16	NP	-	17.66	NA
	12/12/2005	17.58	NP	-	18.24	NA
	3/13/2006	**16.59**	**NP**	-	**19.23**	**NA**
B-17	2/14/2000	16.83	NP	-	18.78	NA
(35.61)	5/22/2000	17.20	NP	-	18.41	NA
	8/22/2000	17.76	NP	-	17.85	NA
	11/27/2000	18.05	NP	-	17.56	NA
	2/20/2001	17.88	NP	-	17.73	NA
	5/15/2001	17.84	NP	-	17.77	NA
	9/18/2001	18.21	NP	-	17.40	NA
	12/20/2001	17.31	NP	-	18.30	NA
	3/13/2002	16.91	NP	-	18.70	NA
	6/24/2002	17.50	NP	-	18.11	NA
	9/26/2002	17.97	NP	-	17.64	NA
	12/20/2002	18.07	NP	-	17.54	NA
	3/17/2003	17.13	NP	-	18.48	NA
	6/26/2003	17.33	NP	-	18.28	NA
	9/24/2003	18.00	NP	-	17.61	NA
	12/30/2003	17.48	NP	-	18.13	NA
	3/29/2004	16.39	NP	-	19.22	NA
	6/29/2004	17.62	NP	-	17.99	NA
	9/27/2004	18.03	NP	-	17.58	NA
	12/14/2004	17.95	NP	-	17.66	NA
	3/7/2005	17.81	NP	-	17.80	NA
	6/20/2005	17.40	NP	-	18.21	NA
	9/19/2005	17.93	NP	-	17.68	NA
	12/12/2005	17.42	NP	-	18.19	NA
	3/13/2006	**16.50**	**NP**	-	**19.11**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-18	2/14/2000	18.55	NP	-	16.94	NA
(35.49)	5/22/2000	18.66	NP	-	16.83	NA
	8/22/2000	19.11	NP	-	16.38	NA
	11/27/2000	19.43	NP	-	16.06	NA
	2/20/2001	19.44	NP	-	16.05	NA
	5/15/2001	19.43	NP	-	16.06	NA
	9/18/2001	19.68	NP	-	15.81	NA
	12/20/2001	—Unable to Locate—				
	3/13/2002	—Inaccessible - Covered with Sand—				
	6/24/2002	—Inaccessible - Covered with Sand—				
	9/26/2002	—TOC broken, bentonite blocking well—				
(36.00)	12/20/2002	3.88	NP	-	32.12	NA
	3/17/2003	Unable to access				
	6/26/2003	Well blocked ~5 feet bgs				
	9/24/2003	Well blocked ~5 feet bgs				
	12/30/2003	Well blocked ~5 feet bgs				
	3/29/2004	Well blocked ~5 feet bgs				
	6/29/2004	Abandoned				
B-22	2/14/2000	17.91	NP	-	17.92	1
(35.83)	5/22/2000	18.00	NP	-	17.83	NA
	8/22/2000	18.66	18.65	0.01	17.18	NA
	11/27/2000	19.02	sheen	-	16.81	0.1
	2/20/2001	19.02	18.99	0.03	16.83	NA
	5/15/2001	19.01	19.00	0.01	16.83	0.1
	9/18/2001	—— Well Has Been Buried ——				
	12/20/2001	—Well Damaged During Construction Activities—				
	3/13/2002	—Well Damaged During Construction Activities—				
	6/24/2002	—Well Damaged During Construction Activities—				
	9/26/2002	—Well Damaged During Construction Activities—				
	—— Well Abandoned December 10, 2002 ——					

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-22A	12/20/2002	19.10	NP	-	15.77	NA
(34.87)	3/17/2003	18.33	18.30	0.03	16.54	0.01
	6/26/2003	18.72	18.69	0.03	16.15	0.05
	9/24/2003	19.08	19.05	0.03	15.79	0.10
	12/30/2003	18.52	NP	-	16.35	NA
	3/29/2004	18.25	18.25	sheen	16.62	NA
	6/29/2004	18.78	NP	-	16.09	NA
	9/27/2004	19.07	NP	-	15.80	NA
	12/14/2004	18.95	NP	-	15.92	NA
	3/7/2005	19.08	NP	-	15.79	NA
	6/20/2005	18.75	NP	-	16.12	NA
	9/19/2005	19.07	NP	-	15.80	NA
	12/12/2005	18.55	NP	-	16.32	NA
	3/13/2006	**17.66**	**NP**	**-**	**17.21**	**NA**
B-25	2/14/2000	18.39	NP	-	17.39	NA
(35.78)	5/22/2000	17.67	NP	-	18.11	NA
	8/22/2000	19.09	NP	-	16.69	NA
	11/27/2000	19.51	NP	-	16.27	NA
	2/20/2001	18.79	NP	-	16.99	NA
	5/15/2001	19.54	NP	-	16.24	NA
	9/18/2001	19.86	NP	-	15.92	NA
	12/20/2001	----Could Not Access----				
	3/13/2002	18.52	NP	-	17.26	NA
	6/24/2002	18.89	NP	-	16.89	NA
	9/26/2002	19.33	NP	-	16.45	NA
	12/20/2002	19.43	NP	-	16.35	NA
	3/17/2003	18.65	NP	-	17.13	NA
	6/26/2003	18.82	NP	-	16.96	NA
	9/24/2003	19.24	NP	-	16.54	NA
	12/30/2003	18.95	NP	-	16.83	NA
	3/29/2004	18.42	NP	-	17.36	NA
	6/29/2004	----Could Not Access----				
	9/27/2004	19.25	NP	-	16.53	NA
	12/14/2004	19.21	NP	-	16.57	NA
	3/7/2005	21.57	NP	-	14.21	NA
	6/20/2005	18.89	NP	-	16.89	NA
	9/19/2005	19.26	NP	-	16.52	NA
	12/12/2005	18.89	NP	-	16.89	NA
	3/13/2006	-	-	-	-	-

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TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-27	2/14/2000	17.61	NP	-	18.13	NA
(35.74)	5/22/2000	17.76	NP	-	17.98	NA
	8/22/2000	18.27	NP	-	17.47	NA
	11/27/2000	18.71	NP	-	17.03	0.1
	2/20/2001	18.66	18.65	0.01	17.09	0.2
	5/15/2001	18.74	18.66	0.08	17.06	0.2
	9/18/2001	18.99	NP	-	16.75	0.3
	12/20/2001	18.66	NP	-	17.08	0.2
	3/13/2002	17.76	NP	-	17.98	0.02
	6/24/2002	18.09	NP	-	17.65	NA
	9/26/2002	18.50	NP	-	17.24	NA
	12/20/2002	18.65	18.68	0.03	17.11	0.1
	3/17/2003	17.91	17.90	0.01	17.84	0.01
	6/26/2003	17.96	NP	-	17.78	NA
	9/24/2003	18.51	NP	-	17.23	NA
	12/30/2003	18.21	NP	-	17.53	NA
	3/29/2004	17.72	17.31	0.41	18.35	0.1
	6/29/2004	18.03	NP	-	17.71	NA
	9/27/2004	18.53	NP	-	17.21	NA
	12/14/2004	18.50	NP	-	17.24	NA
	3/7/2005	18.34	NP	-	17.40	NA
	6/20/2005	18.03	NP	-	17.71	NA
	9/19/2005	18.48	NP	-	17.26	NA
	12/12/2005	18.13	NP	-	17.61	NA
	3/13/2006	**17.20**	**16.70**	**0.50**	**18.94**	**0.2**
B-35	2/14/2000	15.71	NP	-	17.85	NA
(33.56)	5/22/2000	16.00	NP	-	17.56	NA
	8/22/2000	16.36	NP	-	17.20	NA
	11/27/2000	16.71	NP	-	16.85	NA
	2/20/2001	16.65	NP	-	16.91	NA
	5/15/2001	15.56	NP	-	18.00	NA
	9/18/2001	16.90	NP	-	16.66	NA
	12/20/2001	15.95	NP	-	17.61	NA
	3/13/2002	15.70	NP	-	17.86	NA
	6/24/2002	16.22	NP	-	17.34	NA
	9/26/2002	16.64	NP	-	16.92	NA
	12/20/2002	16.48	NP	-	17.08	NA
	3/17/2003	15.91	NP	-	17.65	NA
	6/26/2003	16.13	NP	-	17.43	NA
	9/24/2003	16.67	NP	-	16.89	NA
	12/30/2003	16.04	NP	-	17.52	NA
	3/29/2004	15.81	NP	-	17.75	NA
	6/29/2004	16.33	NP	-	17.23	NA
	9/27/2004	16.61	NP	-	16.95	NA
	12/14/2004	16.52	NP	-	17.04	NA
	3/7/2005	16.52	NP	-	17.04	NA
	6/20/2005	16.17	NP	-	17.39	NA
	9/19/2005	16.63	NP	-	16.93	NA
	12/12/2005	16.08	NP	-	17.48	NA
	3/13/2005	**15.42**	**NP**	**-**	**18.14**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-36	2/14/2000	14.33	NP	-	16.69	NA
(31.02)	5/22/2000	14.64	NP	-	16.38	NA
	8/22/2000	15.28	NP	-	15.74	NA
	11/27/2000	15.55	NP	-	15.47	NA
	2/20/2001	15.48	NP	-	15.54	NA
	5/15/2001	15.47	NP	-	15.55	NA
	9/18/2001	15.83	NP	-	15.19	NA
	12/20/2001	14.17	NP	-	16.85	NA
	3/13/2002	14.31	NP	-	16.71	NA
	6/24/2002	15.06	NP	-	15.96	NA
	9/26/2002	15.43	NP	-	15.59	NA
	12/20/2002	14.98	NP	-	16.04	NA
	3/17/2003	14.35	NP	-	16.67	NA
	6/26/2003	15.09	NP	-	15.93	NA
	9/24/2003	15.44	NP	-	15.58	NA
	12/30/2003	14.41	NP	-	16.61	NA
	3/29/2004	14.53	NP	-	16.49	NA
	6/29/2004	15.19	NP	-	15.83	NA
	9/27/2004	15.41	NP	-	15.61	NA
	12/14/2004	15.10	NP	-	15.92	NA
	3/7/2005	15.39	NP	-	15.63	NA
	6/20/2005	15.08	NP	-	15.94	NA
	9/19/2005	15.45	NP	-	15.57	NA
	12/12/2005	14.68	NP	-	16.34	NA
	3/13/2006	**13.97**	**NP**	**-**	**17.05**	**NA**
B-37	2/14/2000	18.96	NP	-	16.87	NA
(35.83)	5/22/2000	19.05	NP	-	16.78	NA
	8/22/2000	19.77	NP	-	16.06	NA
	11/27/2000	20.18	NP	-	15.65	NA
	2/20/2001	22.05	NP	-	13.78	NA
	5/15/2001	20.16	NP	-	15.67	NA
	9/18/2001	——— Well Has Been Buried ———				
	12/20/2001	---Could Not Locate---				
	3/13/2002	19.09	NP	-	16.74	NA
	6/24/2002	19.58	NP	-	16.25	NA
	9/26/2002	20.00	NP	-	15.83	NA
	12/20/2002	20.08	NP	-	15.75	NA
	3/17/2003	19.17	NP	-	16.66	NA
	6/26/2003	19.52	NP	-	16.31	NA
	9/24/2003	19.88	NP	-	15.95	NA
	12/31/2003	---Well Covered with Ice---				
	3/29/2004	19.07	NP	-	16.76	NA
	6/29/2004	19.96	NP	-	15.87	NA
	9/27/2004	19.88	NP	-	15.95	NA
	12/14/2004	19.76	NP	-	16.07	NA
	3/7/2005	20.92	NP	-	14.91	NA
	6/20/2005	19.57	NP	-	16.26	NA
	9/19/2005	19.89	NP	-	15.94	NA
	12/12/2005	19.40	NP	-	16.43	NA
	3/13/2006	**18.42**	**NP**	**-**	**17.41**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-38	9/26/2002	20.91	20.69	0.22	15.74	NA
(36.65)	12/20/2002	20.53	20.75	0.22	16.12	NA
	3/17/2003	19.71	NP	-	16.94	NA
	6/26/2003	20.10	NP	-	16.55	NA
	9/24/2003	Dry at 20.41 feet bgs				
	12/30/2003	19.93	NP	-	16.72	NA
	3/29/2004	dry	NP	-	-	NA
	6/29/2004	Dry at 20.23 feet bgs				
	9/27/2004	dry	NP	-	-	NA
	6/20/2005	20.10	NP	-	16.55	NA
	9/19/2005	20.22	NP	-	16.43	NA
	12/12/2005	19.91	NP	-	16.74	NA
	3/13/2006	**18.90**	**NP**	**-**	**17.75**	**NA**
B-40	2/14/2000	17.34	NP	-	17.36	1
(34.70)	5/22/2000	18.28	17.48	0.80	17.06	5.5
	8/22/2000	19.65	18.21	1.44	16.20	0.6
	11/27/2000	20.03	18.55	1.48	15.85	1.25
	2/20/2001	19.85	18.54	1.31	15.90	1.3
	5/15/2001	19.88	18.58	1.30	15.86	0.85
	9/18/2001	20.90	19.07	1.83	15.26	1
	12/20/2001	18.35	17.36	0.99	17.14	0.65
	3/13/2002	17.51	17.32	0.19	17.34	0.85
	6/24/2002	18.36	18.24	0.12	16.44	0.30
	9/26/2002	19.22	18.53	0.69	16.03	0.46
	12/20/2002	18.27	18.81	0.54	16.86	0.57
	3/17/2003	18.12	17.45	0.67	17.12	0.30
	6/26/2003	18.47	18.30	0.17	16.37	0.10
	9/24/2003	18.61	18.51	0.10	16.17	0.10
	12/30/2003	17.64	17.58	0.06	17.11	0.10
	3/29/2004	17.70	17.69	0.01	17.01	0.10
	6/29/2004	18.58	sheen	-	16.05	NA
	9/27/2004	18.76	sheen	-	15.87	0.10
	12/14/2004	18.18	18.17	0.01	16.53	0.20
	3/7/2005	18.35	sheen	-	16.35	0.70
	6/20/2005	18.37	18.36	0.01	16.34	0.20
	9/19/2005	18.55	sheen	-	16.15	0.12
	12/12/2005	17.71	16.81	0.90	17.71	0.30
	3/13/2006	**17.14**	**NP**	**-**	**17.56**	**0.00**
B-41	2/14/2000	17.73	NP	-	16.90	NA
(34.63)	5/22/2000	18.89	NP	-	15.74	NA
	8/22/2000	18.44	NP	-	16.19	NA
	11/27/2000	18.81	NP	-	15.82	NA
	2/20/2001	18.78	sheen	-	15.85	NA
	5/15/2001	18.78	NP	-	15.85	NA
	9/18/2001	——— Well Has Been Buried ———				
	12/20/2001	16.86	NP	-	17.77	NA
	3/13/2002	20.07	20.03	0.04	14.59	NA
	6/24/2002	20.54	20.52	0.02	14.11	NA
	9/26/2002	18.75	18.72	0.03	15.90	NA
	——— Well Abandoned December 9, 2002 ———					

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
B-41A	12/20/2002	19.13	NP	-	16.00	NA
(35.13)	3/17/2003	18.40	NP	-	16.73	NA
	6/26/2003	18.73	NP	-	16.40	NA
	9/24/2003	19.10	NP	-	16.03	NA
	12/30/2003	18.61	NP	-	16.52	NA
	3/29/2004	18.32	NP	-	16.81	NA
	6/29/2004	18.82	NP	-	16.31	NA
	9/27/2004	19.11	NP	-	16.02	NA
	12/14/2004	19.00	NP	-	16.13	NA
	3/7/2005	19.07	NP	-	16.06	NA
	6/20/2005	18.80	NP	-	16.33	NA
	9/19/2005	19.13	NP	-	16.00	NA
	12/12/2005	18.65	NP	-	16.48	NA
	3/13/2006	**17.71**	**NP**	-	**17.42**	**NA**
DW-1	2/14/2000	18.87	NP	-	17.06	NA
(35.93)	5/22/2000	18.94	NP	-	16.99	NA
	8/22/2000	19.51	NP	-	16.42	NA
	11/27/2000	19.88	NP	-	16.05	NA
	2/20/2001	19.83	NP	-	16.10	NA
	5/15/2001	19.87	NP	-	16.06	NA
	9/18/2001	20.19	NP	-	15.74	NA
	12/20/2001	19.56	NP	-	16.37	NA
	3/13/2002	18.96	NP	-	16.97	NA
	6/24/2002	19.38	NP	-	16.55	NA
	9/26/2002	19.77	NP	-	16.16	NA
	12/20/2002	19.77	NP	-	16.16	NA
	3/17/2003	18.85	NP	-	17.08	NA
	6/26/2003	19.33	NP	-	16.60	NA
	9/24/2003	19.66	NP	-	16.27	NA
	12/30/2003	19.27	NP	-	16.66	NA
	3/29/2004	18.87	NP	-	17.06	NA
	6/29/2004	19.39	NP	-	16.54	NA
	9/27/2004	19.69	NP	-	16.24	NA
	12/14/2004	19.65	NP	-	16.28	NA
	3/7/2005	19.66	NP	-	16.27	NA
	6/20/2005	19.41	NP	-	16.52	NA
	9/19/2005	19.71	NP	-	16.22	NA
	12/12/2005	19.30	NP	-	16.63	NA
	3/13/2006	**18.30**	**NP**	-	**17.63**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
DW-2	2/14/2000	18.91	NP	-	17.14	NA
(36.05)	5/22/2000	19.03	NP	-	17.02	NA
	8/22/2000	19.62	NP	-	16.43	NA
	11/27/2000	10.01	NP	-	26.04	NA
	2/20/2001	20.02	NP	-	16.03	NA
	5/15/2001	20.00	NP	-	16.05	NA
	9/18/2001	20.35	NP	-	15.70	NA
	12/20/2001	19.62	NP	-	16.43	NA
	3/13/2002	19.06	NP	-	16.99	NA
	6/24/2002	19.44	NP	-	16.61	NA
	9/26/2002	19.85	NP	-	16.20	NA
	12/20/2002	19.88	NP	-	16.17	NA
	3/17/2003	18.97	NP	-	17.08	NA
	6/26/2003	19.40	NP	-	16.65	NA
	9/24/2003	19.78	NP	-	16.27	NA
	12/30/2003	19.37	NP	-	16.68	NA
	3/29/2004	18.97	NP	-	17.08	NA
	6/29/2004	19.46	NP	-	16.59	NA
	9/27/2004	19.85	NP	-	16.20	NA
	12/14/2004	19.75	NP	-	16.30	NA
	3/7/2005	19.74	NP	-	16.31	NA
	6/20/2005	19.49	NP	-	16.56	NA
	9/19/2005	19.81	NP	-	16.24	NA
	12/12/2005	19.41	NP	-	16.64	NA
	3/13/2006	**18.40**	**NP**	**-**	**17.65**	**NA**
EX-39	2/14/2000	17.42	17.09	0.33	15.93	10
(33.09)	5/22/2000	17.35	17.29	0.06	15.79	5
	8/22/2000	17.98	17.95	0.03	15.13	0.1
	11/27/2000	18.38	sheen	-	14.71	0.1
	2/20/2001	18.49	18.36	0.13	14.70	2.55
	5/15/2001	19.29	18.19	1.10	14.68	5.0
	9/18/2001	------ Well Has Been Buried ------				
	12/20/2001	—Well Damaged During Construction Activities—				
	3/13/2002	—Well Damaged During Construction Activities—				
	6/24/2002	—Well Damaged During Construction Activities—				
	9/26/2002	—Well Damaged During Construction Activities—				
	---- Well Abandoned December 9, 2002 ----					
EX-39B	12/20/2002	18.85	18.87	0.02	15.80	0.10
(34.63)	3/17/2003	18.15	18.13	0.02	16.50	0.10
	6/26/2003	18.71	18.71	sheen	15.92	0.05
	9/24/2003	18.98	NP	-	15.65	NA
	12/30/2003	18.30	sheen	sheen	16.33	NA
	3/29/2004	18.12	NP	-	16.51	NA
	6/29/2004	18.37	NP	-	16.26	NA
	9/27/2004	18.83	NP	-	15.80	NA
	12/14/2004	21.18	NP	-	13.45	NA
	3/7/2005	18.97	sheen	-	15.66	0.20
	6/20/2005	16.85	NP	-	17.78	0.10
	9/19/2005	16.65	NP	-	17.98	NA
	12/12/2005	16.67	NP	-	17.96	NA
	3/13/2006	**17.20**	**sheen**	**-**	**17.43**	**0.00**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
IT-E	2/14/2000	19.01	NP	-	17.06	NA
(36.07)	5/22/2000	19.03	NP	-	17.04	NA
	8/22/2000	19.93	NP	-	16.14	NA
	11/27/2000	20.12	NP	-	15.95	NA
	2/20/2001	20.11	NP	-	15.96	NA
	5/15/2001	20.29	NP	-	15.78	NA
	9/18/2001	20.65	NP	-	15.42	NA
	12/20/2001	---Could Not Access Well---				
	3/13/2002	19.31	NP	-	16.76	NA
	6/24/2002	19.80	NP	-	16.27	NA
	9/26/2002	20.18	NP	-	15.89	NA
	12/20/2002	19.95	NP	-	16.12	NA
	3/17/2003	19.25	NP	-	16.82	NA
	6/26/2003	19.68	NP	-	16.39	NA
	9/24/2003	20.01	NP	-	16.06	NA
	12/30/2003	19.45	NP	-	16.62	NA
	3/29/2004	19.28	NP	-	16.79	NA
	6/29/2004	19.79	NP	-	16.28	NA
	9/27/2004	20.05	NP	-	16.02	NA
	12/14/2004	20.00	NP	-	16.07	NA
	3/7/2005	20.11	NP	-	15.96	NA
	6/20/2005	19.74	NP	-	16.33	NA
	9/19/2005	20.18	NP	-	15.89	NA
	12/12/2005	19.65	NP	-	16.42	NA
	3/13/2006	**18.62**	**NP**	**-**	**17.45**	**NA**
IT-W	2/14/2000	17.46	NP	-	18.53	NA
(35.99)	5/22/2000	17.75	NP	-	18.24	NA
	8/22/2000	18.17	NP	-	17.82	NA
	11/27/2000	18.51	NP	-	17.48	NA
	2/20/2001	18.43	NP	-	17.56	NA
	5/15/2001	18.33	NP	-	17.66	NA
	9/18/2001	18.68	NP	-	17.31	NA
	12/20/2001	17.76	NP	-	18.23	NA
	3/13/2002	17.50	NP	-	18.49	NA
	6/24/2002	17.98	NP	-	18.01	NA
	9/26/2002	18.40	NP	-	17.59	NA
	12/20/2002	18.28	NP	-	17.71	NA
	3/17/2003	17.70	NP	-	18.29	NA
	6/26/2003	17.94	NP	-	18.05	NA
	9/24/2003	18.42	NP	-	17.57	NA
	12/30/2003	17.81	NP	-	18.18	NA
	3/29/2004	17.61	NP	-	18.38	NA
	6/29/2004	18.10	NP	-	17.89	NA
	9/27/2004	18.45	NP	-	17.54	NA
	12/14/2004	18.37	NP	-	17.62	NA
	3/7/2005	18.31	NP	-	17.68	NA
	6/20/2005	18.02	NP	-	17.97	NA
	9/19/2005	18.46	NP	-	17.53	NA
	12/12/2005	17.94	NP	-	18.05	NA
	3/13/2006	**17.22**	**NP**	**-**	**18.77**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
P-1	2/14/2000	6.26	NP	-	11.98	NA
(18.24)	5/22/2000	6.89	NP	-	11.35	NA
	8/22/2000	10.51	NP	-	7.73	NA
	11/27/2000	8.62	NP	-	9.62	NA
	2/20/2001	9.14	NP	-	9.10	NA
	5/15/2001	9.17	NP	-	9.07	NA
	9/18/2001	9.97	NP	-	8.27	NA
	12/20/2001	6.01	NP	-	12.23	NA
	3/13/2002	7.07	NP	-	11.17	NA
	6/24/2002	5.89	NP	-	12.35	NA
	9/26/2002	9.13	NP	-	9.11	NA
	12/20/2002	7.87	NP	-	10.37	NA
	3/17/2003	8.38	NP	-	9.86	NA
	6/26/2003	Dry at 10 feet bgs				
	9/24/2003	9.62	NP	-	8.62	NA
	12/30/2003	7.21	NP	-	11.03	NA
	3/29/2004	8.17	NP	-	10.07	NA
	6/29/2004	7.89	NP	-	10.35	NA
	9/27/2004	9.19	NP	-	9.05	NA
	12/14/2004	6.79	NP	-	11.45	NA
	3/7/2005	9.16	NP	-	9.08	NA
	6/20/2005	8.80	NP	-	9.44	NA
	9/19/2005	Dry	NP	-	Dry	NA
	12/12/2005	8.38	NP	-	9.86	NA
	3/13/2006	**8.56**	**NP**	**-**	**9.68**	**NA**
P-2	2/14/2000	4.18	NP	-	13.67	NA
(17.85)	5/22/2000	4.66	NP	-	13.19	NA
	8/22/2000	5.27	NP	-	12.58	NA
	11/27/2000	5.28	NP	-	12.57	NA
	2/20/2001	5.32	NP	-	12.53	NA
	5/15/2001	5.18	NP	-	12.67	NA
	9/18/2001	5.50	NP	-	12.35	NA
	12/20/2001	4.21	NP	-	13.64	NA
	3/13/2002	4.40	NP	-	13.45	NA
	6/24/2002	3.26	NP	-	14.59	NA
	9/26/2002	5.74	NP	-	12.11	NA
	12/20/2002	5.93	NP	-	11.92	NA
	3/17/2003	4.84	NP	-	13.01	NA
	6/26/2003	5.31	NP	-	12.54	NA
	9/24/2003	5.70	NP	-	12.15	NA
	12/30/2003	4.66	NP	-	13.19	NA
	3/29/2004	4.97	NP	-	12.88	NA
	6/29/2004	5.35	NP	-	12.50	NA
	9/27/2004	5.95	NP	-	11.90	NA
	12/14/2004	4.98	NP	-	12.87	NA
	3/7/2005	5.52	NP	-	12.33	NA
	6/20/2005	5.55	NP	-	12.30	NA
	9/19/2005	5.89	NP	-	11.96	NA
	12/12/2005	5.04	NP	-	12.81	NA
	3/13/2006	**4.39**	**NP**	**-**	**13.46**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
RES-N	2/14/2000	20.90	NP	-	17.68	NA
(38.58)	5/22/2000	21.01	NP	-	17.57	NA
	8/22/2000	21.58	NP	-	17.00	NA
	11/27/2000	21.95	NP	-	16.63	NA
	2/20/2001	21.98	NP	-	16.60	NA
	5/15/2001	21.94	NP	-	16.64	NA
	9/18/2001	22.27	NP	-	16.31	NA
	12/20/2001	21.55	NP	-	17.03	NA
	3/13/2002	21.02	NP	-	17.56	NA
	6/24/2002	21.41	NP	-	17.17	NA
	9/26/2002	21.79	NP	-	16.79	NA
	12/20/2002	21.83	NP	-	16.75	NA
	6/26/2003	21.35	NP	-	17.23	NA
	9/24/2003	21.72	NP	-	16.86	NA
	12/30/2003	21.34	NP	-	17.24	NA
	3/29/2004	20.93	NP	-	17.65	NA
	9/27/2004	21.15	NP	-	17.43	NA
	12/14/2004	21.66	NP	-	16.92	NA
	3/7/2005	21.70	NP	-	16.88	NA
	6/20/2005	21.44	NP	-	17.14	NA
	9/19/2005	21.74	NP	-	16.84	NA
	12/12/2005	21.37	NP	-	17.21	NA
	3/13/2006	**20.40**	**NP**	**-**	**18.18**	**NA**
RES-O	2/14/2000	16.89	NP	-	19.14	NA
(36.03)	5/22/2000	17.29	NP	-	18.74	NA
	8/22/2000	17.86	NP	-	18.17	NA
	11/27/2000	18.38	NP	-	17.65	NA
	2/20/2001	NM	NP	-	-	NA
	5/15/2001	18.04	NP	-	17.99	NA
	9/18/2001	18.43	NP	-	17.60	NA
	12/20/2001	17.63	NP	-	18.40	NA
	3/13/2002	16.87	NP	-	19.16	NA
	6/24/2002	18.52	NP	-	17.51	NA
	9/26/2002	19.23	NP	-	16.80	NA
	12/20/2002	18.35	NP	-	17.68	NA
	3/17/2003	17.18	NP	-	18.85	NA
	6/26/2003	17.40	NP	-	18.63	NA
	9/24/2003	18.25	NP	-	17.78	NA
	12/30/2003	17.56	NP	-	18.47	NA
	3/29/2004	16.74	NP	-	19.29	NA
	6/29/2004	No Access To Well				
	9/27/2004	No Access To Well				
	12/14/2004	15.74	NP	-	20.29	NA
	3/7/2005	16.29	NP	-	19.74	NA
	6/20/2005	15.29	sheen	-	20.74	NA
	9/19/2005	15.92	NP	-	20.11	NA
	12/12/2005	15.28	NP	-	20.75	NA
	3/13/2006	**14.05**	**NP**	**-**	**21.98**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
U-2	2/14/2000	15.31	NP	-	19.71	NA
(35.02)	5/22/2000	15.41	NP	-	19.61	NA
	8/22/2000	16.13	NP	-	18.89	NA
	11/27/2000	16.81	NP	-	18.21	NA
	2/20/2001	16.81	NP	-	18.21	NA
	5/15/2001	16.82	NP	-	18.20	NA
	9/18/2001	17.20	NP	-	17.82	NA
	12/20/2001	16.99	NP	-	18.03	NA
	3/13/2002	15.59	NP	-	19.43	NA
	6/24/2002	15.80	NP	-	19.22	NA
	9/26/2002	16.50	NP	-	18.52	NA
	12/20/2002	16.95	NP	-	18.07	NA
	3/17/2003	15.77	NP	-	19.25	NA
	6/26/2003	15.89	NP	-	19.13	NA
	9/24/2003	16.42	NP	-	18.60	NA
	12/30/2003	16.28	NP	-	18.74	NA
	3/29/2004	15.06	NP	-	19.96	NA
	6/29/2004	15.79	NP	-	19.23	NA
	9/27/2004	16.30	NP	-	18.72	NA
	12/14/2004	16.59	NP	-	18.43	NA
	3/7/2005	17.52	NP	-	17.50	NA
	6/20/2005	15.82	NP	-	19.20	NA
	9/19/2005	16.42	NP	-	18.60	NA
	12/12/2005	15.96	NP	-	19.06	NA
	3/13/2006	**14.22**	**NP**	**-**	**20.80**	**NA**
U-3	2/14/2000	12.95	NP	-	22.30	NA
(35.25)	5/22/2000	13.55	NP	-	21.70	NA
	8/22/2000	14.19	NP	-	21.06	NA
	11/27/2000	15.68	NP	-	19.57	NA
	2/20/2001	14.38	NP	-	20.87	NA
	5/15/2001	14.26	NP	-	20.99	NA
	9/18/2001	14.89	NP	-	20.36	NA
	12/20/2001	13.22	NP	-	22.03	NA
	3/13/2002	13.01	NP	-	22.24	NA
	6/24/2002	13.57	NP	-	21.68	NA
	9/26/2002	14.39	NP	-	20.86	NA
	12/20/2002	14.23	NP	-	21.02	NA
	3/17/2003	13.97	NP	-	21.28	NA
	6/26/2003	13.56	NP	-	21.69	NA
	9/24/2003	14.54	NP	-	20.71	NA
	12/30/2003	13.41	NP	-	21.84	NA
	3/29/2004	12.83	NP	-	22.42	NA
	6/29/2004	14.75	NP	-	20.50	NA
	9/27/2004	14.21	NP	-	21.04	NA
	12/14/2004	13.98	NP	-	21.27	NA
	3/7/2005	14.02	NP	-	21.23	NA
	6/20/2005	13.68	NP	-	21.57	NA
	9/19/2005	14.49	NP	-	20.76	NA
	12/12/2005	13.43	NP	-	21.82	NA
	3/13/2006	**12.58**	**NP**	**-**	**22.67**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
U-4	2/14/2000	15.86	15.77	0.09	18.67	2.5
(34.46)	5/22/2000	16.03	NP	-	18.43	NA
	8/22/2000	16.38	NP	-	18.08	NA
	11/27/2000	16.83	NP	-	17.63	NA
	2/20/2001	16.85	sheen	-	17.61	NA
	5/15/2001	16.61	16.57	0.04	17.88	0.1
	9/18/2001	19.96	sheen	-	14.50	0.1
	12/20/2001	16.37	16.30	0.07	18.15	0.11
	3/13/2002	15.60	NP	-	18.86	0.11
	6/24/2002	15.50	NP	-	18.96	0.06
	9/26/2002	17.64	NP	-	16.82	NA
	12/20/2002	16.77	NP	-	17.69	NA
	3/17/2003	16.05	15.80	0.25	18.61	0.35
	6/26/2003	16.10	15.98	0.12	18.46	0.18
	9/24/2003	16.68	16.61	0.07	17.84	0.1
	12/30/2003	16.28	NP	-	18.18	NA
	3/29/2004	15.45	15.43	0.02	19.03	0.2
	6/29/2004	16.14	NP	-	18.32	NA
	9/27/2004	16.55	NP	-	17.91	NA
	12/14/2004	16.50	NP	-	17.96	NA
	3/7/2005	16.35	NP	-	18.11	NA
	6/20/2005	15.90	NP	-	18.56	NA
	9/19/2005	16.48	16.45	0.03	18.00	0.1
	12/12/2005	16.15	NP	-	18.31	NA
	3/13/2006	**14.25**	**Sheen**	**-**	**20.21**	**0**
U-5	2/14/2000	17.85	NP	-	16.28	NA
(34.13)	5/22/2000	18.03	NP	-	16.10	NA
	8/22/2000	19.02	NP	-	15.11	NA
	11/27/2000	19.03	NP	-	15.10	NA
	2/20/2001	19.44	NP	-	14.69	NA
	5/15/2001	19.57	19.22	0.35	14.84	0.65
	9/18/2001	20.04	20.02	0.02	14.11	0.6
	12/20/2001	---Unable to Locate---				
	3/13/2002	---Inaccessible - Covered by Sand---				
	6/24/2002	---Inaccessible - Covered by Sand---				
	9/26/2002	19.63	19.41	0.22	14.68	0.20
	12/20/2002	19.49	NP	-	14.64	0.42
	3/17/2003	17.99	NP	-	16.14	NA
	6/26/2003	19.17	NP	-	14.96	NA
	9/24/2003	19.42	NP	-	14.71	NA
	12/30/2003	18.80	NP	-	15.33	NA
	3/29/2004	18.39	NP	-	15.74	NA
	6/29/2004	19.00	NP	-	15.13	NA
	9/27/2004	19.14	Sheen	-	14.99	NA
	12/14/2004	18.55	NP	-	15.58	NA
	3/7/2005	19.23	NP	-	14.90	0.1
	6/20/2005	18.95	NP	-	15.18	NA
	9/19/2005	18.93	NP	-	15.20	0.1
	12/12/2005	18.09	NP	-	16.04	NA
	3/13/2006	**17.06**	**NP**	**-**	**17.07**	**NA**

TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
U-5A	2/14/2000	6.46	NP	-	27.31	NA
(33.77)	5/22/2000	7.00	6.99	0.01	26.78	1
	8/22/2000	8.58	8.57	0.01	25.20	0.1
	11/27/2000	9.71	NP	-	24.06	0.1
	2/20/2001	9.04	NP	-	24.73	0.1
	5/15/2001	8.99	sheen	-	24.78	NA
	9/18/2001	10.29	sheen	-	23.48	0.1
	12/20/2001	7.81	NP	-	25.96	NA
	3/13/2002	6.51	NP	-	27.26	NA
	6/24/2002	7.60	NP	-	26.17	NA
	9/26/2002	9.31	NP	-	24.46	NA
	12/20/2002	9.43	NP	-	24.34	NA
	3/17/2003	7.03	NP	-	26.74	NA
	6/26/2003	7.41	NP	-	26.36	NA
	9/24/2003	9.16	NP	-	24.61	NA
	12/30/2003	7.79	NP	-	25.98	NA
	3/29/2004	6.49	NP	-	27.28	NA
	6/29/2004	7.76	7.75	0.01	26.02	NA
	9/27/2004	9.03	8.98	0.05	24.78	NA
	12/14/2004	8.60	NP	-	25.17	0.1
	3/7/2005	8.22	sheen	-	25.55	0.2
	6/20/2005	7.41	sheen	-	26.36	0.1
	9/19/2005	19.14	NP	-	14.63	0.1
	12/12/2005	7.91	sheen	-	25.86	0.3
	3/13/2006	**5.32**	**NP**	**-**	**28.45**	**0.2**
U-10	6/26/2003	4.76	NP	-	NM	NA
	9/24/2003	5.00	NP	-	NM	NA
	12/30/2003	3.65	NP	-	NM	NA
	3/29/2004	4.45	NP	-	NM	NA
	9/27/2004	5.03	NP	-	NM	NA
	12/14/2004	4.10	NP	-	NM	NA
	3/7/2005	5.12	NP	-	NM	NA
	6/20/2005	4.94	NP	-	NM	NA
	9/19/2005	5.26	NP	-	NM	NA
	12/12/2005	4.11	sheen	-	NM	NA
	3/13/2006	**3.45**	**NP**	**-**	**NM**	**NA**
U-11	6/26/2003	3.30	NP	-	NM	NA
	9/24/2003	3.29	NP	-	NM	NA
	12/30/2003	2.51	NP	-	NM	NA
	3/29/2004	2.94	NP	-	NM	NA
	9/27/2004	3.91	NP	-	NM	NA
	12/14/2004	2.35	NP	-	NM	NA
	3/7/2005	3.43	NP	-	NM	NA
	6/20/2005	3.95	NP	-	NM	NA
	9/19/2005	4.11	NP	-	NM	NA
	12/12/2005	3.09	NP	-	NM	NA
	3/13/2006	**2.40**	**NP**	**-**	**NM**	**NA**

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TABLE 1C
GROUNDWATER ELEVATION AND SPH REMOVAL DATA
ConocoPhillips - Willbridge Terminal
Portland, Oregon

Well Designation (TOC)	Date Gauged	Depth to Groundwater	Depth to SPH (feet)	SPH Thickness (feet)	Groundwater Elevation	SPH Recovered* (gallons)
U-12	6/26/2003	3.08	NP	-	NM	NA
	9/24/2003	3.17	NP	-	NM	NA
	12/30/2003	2.98	NP	-	NM	NA
	3/29/2004	2.97	NP	-	NM	NA
	9/27/2004	4.14	NP	-	NM	NA
	12/14/2004	3.18	NP	-	NM	NA
	3/7/2005	3.72	NP	-	NM	NA
	6/20/2005	3.66	NP	-	NM	NA
	9/19/2005	4.14	NP	-	NM	NA
	12/12/2005	3.44	NP	-	NM	NA
	3/13/2006	**2.51**	**NP**	**-**	**NM**	**NA**
U-13	12/14/2004	15.93	NP	-		
	3/7/2005	14.51	14.45	0.01	NM	NA
	6/20/2005	14.71	14.47	0.24	NM	0.1
	9/19/2005	16.30	15.72	0.58	NM	0.2
	12/12/2005	15.28	14.93	0.35	NM	0.3
	3/13/2006	**12.79**	**12.45**	**0.34**	**NM**	**1.15**

NOTES:
NP = No measurable product
NA = Not Applicable
NM = Not Measured
* = SPH Recovered for latest quarter monitored
- = No Measurable Product Thickness
GWE = TOC -(DTW - (0.8 x DTP - DTW)) Where 0.8 = The density of the SPH

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
CHEVRON						
B-7	02/18/00	ND	20.1	ND	44.8	-
	05/23/00	ND	0.678	1.41	1.22	-
dup	05/23/00	ND	0.691	1.06	ND	-
	08/25/00	NS/F	NS/F	NS/F	NS/F	-
	11/30/00	NS/S	NS/S	NS/S	NS/S	-
	02/22/01	0.690	0.736	ND	ND	-
	05/17/01	ND	0.700	ND	ND	-
	03/20/03	ND	0.740	ND	ND	-
	09/29/03	<0.500	0.870	<0.500	1.93	-
	03/30/04	<0.500	0.750	<0.500	<1.00	-
	03/09/05	<1.00	<1.00	<1.00	<2.00	1.54
dup	03/09/05	<1.00	<1.00	<1.00	<2.00	1.51
	09/22/05	<1.00	<1.00	<1.00	<3.00	1.08
B-9	05/23/00	ND	0.535	0.737	ND	-
	08/25/00	ND	ND	ND	ND	-
	11/30/00	ND	ND	ND	ND	-
	02/22/01	ND	ND	ND	ND	-
	05/17/01	ND	ND	ND	ND	-
	09/19/01	ND	ND	0.913	ND	-
	03/21/02	ND	ND	ND	ND	-
	09/24/02	ND	ND	ND	ND	-
	03/20/03	ND	ND	ND	ND	-
	03/30/04	<0.500	0.560	<0.500	<1.00	-
	10/06/04	<0.500	<0.500	<0.500	<1.00	-
	03/08/05	<1.00	<1.00	<1.00	<2.00	<1.00
	06/22/05	<1.00	<1.00	<1.00	<3.00	<1.00
	09/21/05	<1.00	<1.00	<1.00	<3.00	<1.00
B-10	02/18/00	3.85	4.42	8.78	14.7	-
dup	02/18/00	3.72	4.1	7.8	13.8	-
	05/23/00	3.72	4.1	7.8	13.8	-
dup	05/23/00	1.2	2.93	4.14	6.53	-
	08/25/00	1.40	2.80	1.45	4.80	-
	11/30/00	1.20	2.69	ND	4.60	-
	02/23/01	3.74	0.983	3.94	6.78	-
	05/17/01	4.87	1.25	4.36	8.56	-
	09/19/01	0.711	ND	1.80	2.50	-
	03/21/02	3.15	2.60	1.19	2.43	-
	09/24/02	1.41	1.43	0.753	2.46	-
	03/20/03	0.680	1.76	ND	2.34	-
	09/29/03	2.26	1.60	0.781	4.29	-
	03/30/04	<0.500	1.42	<0.500	2.66	-
	10/06/04	0.810	2.62	<0.500	6.55	-
	03/08/05	<1.00	2.00	<1.00	2.89	<1.00
	09/21/05	<1.00	<1.00	<1.00	<3.00	<1.00
	03/14/06	<1.00	1.08	<1.00	<3.00	<1.00

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
B-11	02/18/00	29.2	6.14	4.36	14.1	-
	05/23/00	7.45	4.95	1.42	8.52	-
	08/25/00	11.2	6.53	2.39	11.2	-
	11/30/00	8.72	5.36	ND	ND	-
	02/22/01	24.2	2.13	5.11	8.98	-
	05/17/01	17.9	2.77	6.46	11.4	-
	03/30/04	9.20	4.74	0.790	5.90	-
	03/09/05	4.25	3.72	<1.00	4.18	<1.00
	06/22/05	3.03	3.77	<1.00	4.66	<1.00
	09/21/05	1.80	4.57	<1.00	5.63	<1.00
B-14	02/18/00	119	18.1	80	38	-
	05/23/00	125	15.9	69.2	30.7	-
	08/25/00	382	44.6	194	70.3	-
	11/30/00	292	37.3	148	52.4	-
	02/22/01	402	229	42.6	78.2	-
	05/17/01	332	190	37.4	56.2	-
B-19	03/20/03	7.76	2.09	0.620	2.51	-
	09/29/03	5.93	1.98	1.56	7.44	-
	03/29/04	2.26	1.32	<0.500	2.88	-
	03/09/05	5.53	2.57	<1.00	2.76	<1.00
	06/22/05	<1.00	2.02	<1.00	2.61	<1.00
	09/22/05	1.54	1.99	<1.00	3.60	<1.00
	03/14/06	<1.00	1.11	<1.00	2.21	<1.00
B-20	03/20/03	ND	ND	ND	ND	-
	09/29/03	<0.500	<0.500	<0.500	1.38	-
	03/30/04	<0.500	<0.500	<0.500	<1.00	-
	03/09/05	<1.00	1.47	<1.00	1.15	<1.00
	09/22/05	<1.00	<1.00	<1.00	<3.00	<1.00
B-21	09/19/01	ND	ND	1.47	ND	-
	03/21/02	ND	0.679	ND	ND	-
	09/24/02	ND	1.20	0.517	1.20	-
	03/20/03	ND	ND	ND	ND	-
	09/29/03	0.659	1.3	<0.500	2.20	-
	03/29/04	<0.500	0.720	<0.500	<1.00	-
	10/06/04	<0.500	<0.880	<0.500	<1.00	-
	03/08/05	<1.00	<1.00	<1.00	<2.00	17.4
	09/22/05	<1.00	1.15	<1.00	<3.00	11.2
	03/15/06	<1.00	<1.00	<1.00	<3.00	1.30
B-26	03/30/04	<0.500	<0.500	<0.500	<1.00	-
	03/09/05	2.94	<1.00	12.5	2.36	<1.00
	06/22/05	11.9	<1.00	46.1	4.26	<1.00
	09/22/05	12.4	1.19	56.8	6.21	<1.00

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
B-28	02/18/00	0.754	0.368	0.545	0.986	-
	05/23/00	ND	ND	ND	ND	-
	08/25/00	ND	ND	ND	ND	-
	11/30/00	ND	ND	ND	ND	-
	02/23/01	ND	ND	ND	ND	-
	05/17/01	ND	ND	ND	ND	-
	09/20/01	2.12	2.93	ND	ND	-
	03/21/02	ND	ND	ND	ND	-
	09/24/02	ND	ND	ND	ND	-
	03/20/03	ND	ND	ND	ND	-
	09/29/03	0.699	<0.500	1.04	<1.00	-
	03/29/04	<0.500	<0.500	0.930	<1.00	-
	03/09/05	1.59		4.68	<1.00	<1.00
	09/21/05	<1.00	<1.00	<1.00	<3.00	<1.00
	03/14/06	<1.00	<1.00	<1.00	<3.00	<1.00
B-29	09/20/01	1.30	ND	0.710	ND	-
	03/21/02	ND	ND	ND	ND	-
	09/24/02	ND	ND	ND	ND	-
	03/20/03	ND	ND	ND	ND	-
	09/29/03	<0.500	<0.500	<0.500	<1.00	-
	03/29/04	<0.500	<0.500	<0.500	<1.00	-
	03/09/05	<1.00	<1.00	<1.00	<2.00	<1.00
	09/21/05	<1.00	<1.00	<1.00	<3.00	<1.00
	03/14/06	<1.00	<1.00	<1.00	<3.00	<1.00
B-30	02/18/00	38.9	5.29	2.44	10.3	-
	05/23/00	18.8	2.53	0.682	4.57	-
	08/25/00	81.2	12.5	2.35	21.9	-
	11/30/00	59.6	10.0	1.92	18.8	-
	02/23/01	61.6	5.31	9.52	19.4	-
dup**	02/23/01	61.8	3.24	9.23	16.0	-
	05/17/01	95.1	4.12	18.0	14.6	-
	09/20/01	38.7	ND	5.66	ND	-
dup	09/20/01	38.6	ND	6.18	ND	-
	03/21/02	113	17.0	6.09	24.2	-
	09/24/02	30.1	6.60	1.56	12.0	-
dup***	09/24/02	28.0	6.42	1.44	11.3	-
	03/20/03	17.3	4.49	0.500	5.96	-
dup*	03/20/03	17.4	4.43	0.510	6.68	-
	09/29/03	32.6	7.34	1.62	12.2	-
	03/29/04	15.6	3.13	1.16	7.07	-
dup	03/29/04	17.5	3.38	1.24	7.32	-
	03/09/05	12.6	3.04	<1.00	6.26	<1.00
	06/22/05	19.6	4.53	1.06	7.80	<1.00
	09/21/05	15.1	2.75	<1.00	3.72	<1.00
dup****	09/21/05	18.9	3.17	<1.00	4.40	<1.00
	03/14/06	15.9	2.53	<1.00	4.15	<1.00
dup	03/14/06	15.8	2.51	1.02	4.42	<1.00

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
B-32	03/20/03	ND	ND	ND	ND	-
	09/29/03	<0.500	<0.500	0.636	<1.00	-
	03/29/04	<0.500	<0.500	<0.500	<1.00	-
	03/09/05	<1.00	<1.00	<1.00	<2.00	2.17
	09/22/05	<1.00	<1.00	<1.00	<3.00	1.66
	03/15/06	<1.00	<1.00	<1.00	<3.00	1.84
B-33	03/20/03	ND	ND	ND	ND	-
	09/29/03	0.558	0.735	<0.500	1.35	-
	03/30/04	<0.500	<0.500	<0.500	<1.00	-
	03/09/05	<1.00	<1.00	<1.00	<2.00	<1.00
	06/22/05	<1.00	<1.00	<1.00	<3.00	<1.00
	09/22/05	<1.00	<1.00	<1.00	<3.00	<1.00
	03/15/06	<1.00	<1.00	<1.00	<3.00	<1.00
CR-1	09/20/01	ND	ND	ND	ND	-
	03/21/02	ND	ND	ND	ND	-
	09/24/02	ND	ND	ND	ND	-
	03/20/03	ND	ND	ND	ND	-
	09/29/03	<0.500	<0.500	<0.500	<1.00	-
	03/30/04	25.8	1.13	120	9.06	-
	10/06/04	<0.500	<0.500	<0.500	<1.00	-
	03/08/05	<1.00	<1.00	<1.00	<2.00	<1.00
	09/21/05	<1.00	<1.00	<1.00	<3.00	<1.00
CR-3	03/09/05	<1.00	<1.00	<1.00	<2.00	<1.00
	06/22/05	<1.00	<1.00	<1.00	<3.00	<1.00
	09/22/05	<1.00	<1.00	<1.00	<3.00	<1.00
CR-8	02/18/00	0.314	0.673	3.82	6.55	-
	05/23/00	ND	ND	ND	ND	-
	08/25/00	ND	ND	ND	ND	-
	11/30/00	ND	ND	ND	ND	-
	02/22/01	ND	ND	ND	ND	-
	05/16/01	ND	0.841	0.519	1.77	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
CR-9	02/18/00	ND	ND	ND	ND	-
	05/23/00	ND	ND	ND	ND	-
	08/25/00	ND	ND	ND	ND	-
dup	08/25/00	ND	ND	ND	ND	-
	11/30/00	ND	ND	ND	ND	-
dup	11/30/00	ND	ND	ND	ND	-
	02/22/01	ND	ND	ND	ND	-
	05/16/01	ND	ND	ND	ND	-
dup	05/16/01	ND	ND	ND	ND	-
CR-11	02/18/00	81	4.95	4.41	6.17	-
	05/23/00	40.2	1.95	2.54	ND	-
	08/25/00	107	5.30	22.1	8.41	-
	11/30/00	NS/S	NS/S	NS/S	NS/S	-
	02/22/01	84.2	3.24	2.47	6.25	-
	05/16/01	119	5.85	4.43	14.3	-
CR-26	03/09/05	<1.00	<1.00	<1.00	<2.00	<1.00
	06/22/05	<1.00	<1.00	<1.00	<3.00	<1.00
	09/22/05	<1.00	<1.00	<1.00	<3.00	<1.00
TB-LB	02/22/01	ND	ND	ND	ND	-
	05/16/01	ND	ND	ND	ND	-
	09/19/01	ND	ND	ND	ND	-
	03/21/02	1.16	3.9	ND	1.95	-
	09/24/02	ND	ND	ND	ND	-
	03/20/03	ND	ND	ND	ND	-
	09/29/03	<0.500	<0.500	<0.500	<1.00	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
Kinder Morgan						
MW-8	02/16/00	9.79	2.51	7.97	12.1	-
	05/31/00	16.6	3.85	3.05	10.2	-
	08/24/00	26.0	5.78	28.2	24.0	-
	12/01/00	17.8	4.59	3.19	11.1	-
	02/22/01	11.4	ND	2.79	8.88	-
	05/16/01	15.1	1.18	2.79	6.4	-
	09/21/01	13.0	1.08	9.54	7.66	-
	03/14/02	1.95	1.09	0.618	2.22	-
dup	03/14/02	1.96	0.955	ND	1.93	-
	09/27/02	4.85	2.30	0.819	4.25	-
	03/18/03	3.12	ND	ND	2.24	-
dup	03/18/03	2.36	ND	ND	2.62	-
	09/24/03	5.00	1.20	0.759	7.05	-
	03/30/04	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	3.03	0.576	<0.500	1.80	-
dup	09/27/04	3.25	<0.500	<0.500	1.75	-
	03/29/05	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	<0.500	<0.500	<0.500	<1.00	-
dup	03/15/06	<0.500	<0.500	<0.500	<1.00	-
MW-9	03/29/05	-	-	-	-	<2.00
	09/21/05	-	-	-	-	<2.00
MW-10	02/16/00	6.6	2.33	0.996	3.33	-
	05/31/00	6.78	0.794	ND	1.02	-
	08/24/00	ND	ND	ND	ND	-
	12/01/00	5.40	1.32	ND	1.78	-
	02/22/01	1.15	ND	1.15	1.98	-
	05/16/01	11.6	0.894	1.42	2.92	-
	03/29/05	-	-	-	-	<2.00
	09/21/05	-	-	-	-	<2.00
MW-11	02/16/00	5260	2360	2580	11200	-
	05/31/00	4120	1460	2720	9290	-
	08/24/00	2490	787	2020	5960	-
	12/01/00	2330	755	1610	5420	-
	02/22/01	3520	2230	1230	8130	-
	05/16/01	3800	2510	1290	8980	-
	03/29/05	-	-	-	-	<100
1,2,4=1590	09/21/05	-	-	-	-	<40.0
MW-13	02/16/00	ND	0.392	ND	0.903	-
	05/31/00	ND	ND	ND	ND	-
	08/24/00	ND	ND	ND	ND	-
	12/01/00	ND	ND	ND	ND	-
dup	12/01/00	ND	ND	ND	ND	-
	02/22/01	ND	ND	ND	ND	-
	05/16/01	ND	ND	ND	ND	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
MW-15	02/17/00	2.89	0.493	0.442	1.15	-
	05/30/00	ND	ND	ND	ND	-
	08/24/00	ND	ND	ND	ND	-
	12/01/00	ND	ND	ND	ND	-
	02/22/01	ND	ND	ND	ND	-
	05/16/01	ND	ND	ND	ND	-
MW-20	03/29/05	-	-	-	-	<2.00
	09/21/05	-	-	-	-	<2.00
MW-21	02/17/00	ND	1.21	0.997	3.36	-
	05/30/00	ND	ND	ND	ND	-
	08/23/00	ND	ND	ND	ND	-
	12/01/00	ND	ND	ND	ND	-
	02/22/01	ND	ND	ND	ND	-
	05/16/01	ND	ND	ND	ND	-
MW-22	02/17/00	2060	2060	4720	13200	-
	05/30/00	2140	1560	4240	9150	-
	08/23/00	1670	1500	3670	7720	-
	12/01/00	1450	1330	3960	8280	-
	02/21/01	NS/S	NS/S	NS/S	NS/S	-
	05/16/01	NS/F	NS/F	NS/F	NS/F	-
MW-23	02/17/00	NS/F	NS/F	NS/F	NS/F	-
	05/30/00	NS/F	NS/F	NS/F	NS/F	-
	08/23/00	NS/F	NS/F	NS/F	NS/F	-
	12/01/00	NS/F	NS/F	NS/F	NS/F	-
	02/22/01	76.8	102	12.6	90.4	-
	05/16/01	NS/S	NS/S	NS/S	NS/S	-
MW-25	09/21/01	ND	ND	ND	ND	-
	03/14/02	ND	ND	ND	ND	-
	09/27/02	ND	ND	ND	ND	-
	03/18/03	ND	ND	ND	ND	-
	09/29/03	<0.500	<0.500	<0.500	<1.00	-
	03/30/04	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	<0.500	<0.500	<0.500	<1.00	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
MW-26	02/17/00	1.31	4.01	18.6	26.2	-
dup	02/17/00	1.04	3.11	11.9	17.1	-
	05/30/00	ND	7.11	7.4	9.62	-
	08/23/00	ND	3.67	10.8	3.54	-
dup	08/23/00	ND	4.81	15.9	6.20	-
	12/01/00	3.43	29.8	7.28	15.6	-
	02/21/01	NS/S	NS/S	NS/S	NS/S	-
	05/17/01	15.1	8.76	10.1	10.6	-
	09/27/02	7.66	7.24	5.90	6.44	-
	03/18/03	9.11	ND	1.57	4.80	-
	09/24/03	2.18	<0.500	2.90	12.7	-
	03/30/04	<0.500	<0.500	<0.500	1.67	-
	09/27/04	2.41	1.42	4.64	7.57	-
	03/28/05	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	<0.500	<0.500	0.540	1.85	-
MW-28	02/16/00	1.29	3.13	8.26	14.7	-
	05/30/00	NS/S	NS/S	NS/S	NS/S	-
	08/23/00	NS/S	NS/S	NS/S	NS/S	-
	12/01/00	NS/S	NS/S	NS/S	NS/S	-
	02/21/01	NS/F	NS/F	NS/F	NS/F	-
	05/16/01	NS/S	NS/S	NS/S	NS/S	-
MW-29	03/28/05	-	-	-	-	<2.00
	09/21/05	-	-	-	-	<2.00
MW-31	02/16/00	0.579	0.629	0.481	1.51	-
	05/30/00	ND	ND	ND	ND	-
	08/23/00	ND	ND	ND	ND	-
	12/01/00	ND	ND	ND	ND	-
	02/22/01	ND	ND	ND	ND	-
	05/17/01	ND	ND	ND	ND	-
MW-32	02/16/00	ND	0.608	0.379	1.31	-
	05/30/00	ND	ND	ND	ND	-
	08/23/00	ND	ND	ND	ND	-
	12/01/00	ND	ND	ND	ND	-
	02/22/01	ND	ND	ND	ND	-
	05/16/01	ND	ND	ND	ND	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
MW-33	02/16/00	ND	0.718	0.589	1.21	-
	05/30/00	ND	ND	ND	ND	-
	08/24/00	ND	ND	ND	ND	-
	11/30/00	ND	ND	ND	ND	-
	02/22/01	ND	ND	ND	ND	-
dup	02/22/01	ND	ND	ND	ND	-
	05/16/01	ND	ND	ND	ND	-
	09/21/01	ND	ND	ND	ND	-
	03/14/02	ND	ND	ND	ND	-
	09/27/02	ND	ND	ND	ND	-
	03/18/03	ND	ND	ND	ND	-
	09/24/03	<0.500	<0.500	<0.500	<1.00	-
	03/29/04	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	<0.500	<0.500	<0.500	<1.00	-
	03/29/05	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	<0.200	<0.500	<0.500	<1.00	<2.00
dup	09/21/05	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	<0.500	<0.500	<0.500	<1.00	-
MW-34	09/21/01	ND	ND	ND	ND	-
	03/14/02	ND	ND	ND	ND	-
	09/27/02	ND	ND	ND	ND	-
	03/18/03	ND	ND	ND	ND	-
	09/24/03	<0.500	<0.500	<0.500	<1.00	-
	03/29/04	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	<0.500	<0.500	<0.500	<1.00	-
	03/29/05	<0.200	<0.500	<0.500	<1.00	<2.00
dup	03/29/05	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	<0.500	<0.500	<0.500	<1.00	-
MW-36	02/16/00	0.322	2.36	1.32	6.29	-
	05/31/00	ND	ND	ND	ND	-
	08/24/00	ND	ND	ND	ND	-
	11/30/00	ND	ND	0.548	ND	-
	02/21/01	ND	ND	ND	ND	-
	05/16/01	0.682	ND	ND	ND	-
	09/21/01	ND	ND	ND	ND	-
	03/13/02	ND	ND	ND	ND	-
	03/18/03	ND	ND	ND	ND	-
	09/24/03	0.727	<0.500	<0.500	1.38	-
	03/29/04	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	<0.500	<0.500	<0.500	<1.00	-
	09/21/05	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	<0.500	<0.500	<0.500	<1.00	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
MW-37	02/16/00	1.06	0.456	0.492	1.78	-
	05/30/00	33	0.957	ND	2.1	-
dup	05/30/00	31.4	0.775	0.786	1.72	-
	08/24/00	40.9	0.731	ND	1.44	-
	11/30/00	10.7	0.594	ND	ND	-
	02/21/01	ND	ND	ND	ND	-
	05/16/01	0.691	ND	0.740	1.25	-
	09/21/01	ND	ND	1.04	1.31	-
	09/27/02	ND	ND	ND	ND	-
dup	09/27/02	ND	ND	ND	ND	-
	03/18/03	ND	ND	ND	ND	-
	09/24/03	NS/F	NS/F	NS/F	NS/F	-
	09/27/04	<0.500	<0.500	<0.500	<1.00	-
	03/29/05	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	<0.500	<0.500	<0.500	<1.00	-
MW-38	03/29/05	-	-	-	-	10.2
	09/21/05	-	-	-	-	22.0
MW-39	09/27/04	<0.500	<0.500	<0.500	7.45	-
	09/21/05	<0.200	<0.500	<0.500	<1.00	<2.00
MW-40	02/16/00	ND	0.424	0.492	0.759	-
	05/30/00	ND	ND	ND	ND	-
	08/24/00	ND	ND	ND	ND	-
	11/30/00	ND	ND	ND	ND	-
	02/21/01	ND	ND	ND	ND	-
	05/16/01	ND	ND	0.505	ND	-
	09/21/01	ND	ND	ND	ND	-
	03/13/02	ND	ND	ND	ND	-
	09/27/02	ND	ND	ND	ND	-
	03/18/03	ND	ND	ND	ND	-
	09/24/03	<0.500	<0.500	<0.500	<1.00	-
dup	09/24/03	<0.500	<0.500	<0.500	<1.00	-
	03/29/04	<0.500	<0.500	<0.500	<1.00	-
dup	03/29/04	<0.500	<0.500	<0.500	<1.00	-
	09/27/04	<0.500	<0.500	<0.500	<1.00	
	03/29/05	<0.200	<0.500	<0.500	<1.00	<2.00
	09/21/05	<0.200	<0.500	<0.500	<1.00	<2.00
	03/15/06	<0.500	<0.500	<0.500	<1.00	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
CONOCOPHILLIPS						
B-2	03/28/05	-	-	-	-	3.47
dup	03/28/05	-	-	-	-	3.52
	09/20/05	-	-	-	-	4.30
B-3	03/28/05	-	-	-	-	10.7
	09/20/05	-	-	-	-	8.26
B-4	05/26/00	82.3	12.7	4	14.8	-
dup	05/26/00	74.8	10.7	2.77	10.3	-
	08/23/00	NS/F	NS/F	NS/F	NS/F	-
	11/29/00	7.04	5.81	2.10	8.09	-
	02/20/01	NS/F	NS/F	NS/F	NS/F	-
	05/17/01	NS/F	NS/F	NS/F	NS/F	-
	09/26/02	16.5	8.36	5.14	27.6	-
	09/25/03	48.1	7.55	6.02	17.9	-
	03/28/05	-	-	-	-	<2.00
B-6	03/28/05	-	-	-	-	<2.00
	09/20/05	-	-	-	-	<2.00
B-16	03/28/05	-	-	-	-	2.11
	09/20/05	-	-	-	-	<2.00
B-17	02/17/00	274	24	15.4	37.7	-
	05/26/00	434	44.4	49.9	158	-
	08/28/00	372	21.1	10.8	15.4	-
	11/29/00	293	18.2	9.89	13.6	-
	02/23/01	258	11.8	21.3	21.6	-
dup	02/23/01	238	10.2	19.6	17.3	-
	05/17/01	165	6.82	17.0	15.7	-
dup	05/17/01	173	7.14	17.2	15.6	-
B-18	02/17/00	ND	1.04	3.46	6.13	-
	05/26/00	ND	ND	ND	ND	-
	08/28/00	ND	ND	ND	ND	-
	11/29/00	ND	ND	ND	ND	-
	02/23/01	ND	ND	ND	ND	-
	05/17/01	ND	0.502	ND	ND	-
B-22	02/17/00	NS/S	NS/S	NS/S	NS/S	-
	05/26/00	0.508	0.522	0.543	2.17	-
	08/28/00	NS/F	NS/F	NS/F	NS/F	-
	11/29/00	NS/S	NS/S	NS/S	NS/S	-
	02/20/01	NS/F	NS/F	NS/F	NS/F	-
	05/17/01	NS/F	NS/F	NS/F	NS/F	-
B-27	03/28/05	-	-	-	-	2.16

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
B-35	02/17/00	31.6	13.5	11	27.4	-
	05/26/00	194	16.3	12.5	39.8	-
	08/28/00	287	15.3	8.42	ND	-
	11/29/00	384	17.0	12.0	30.2	-
	02/23/01	45.6	4.87	12.4	20.5	-
	05/17/01	15.2	4.32	5.62	7.99	-
	09/20/01	58.0	3.31	9.78	15.9	-
	03/14/02	34.1	15.8	2.41	11.4	-
	09/26/02	95.8	11.3	14.0	26.3	-
	03/18/03	8.11	6.39	1.42	3.20	-
	09/25/03	66.7	7.41	3.74	19.2	-
	03/30/04	15.1	1.39	6.49	13.0	-
	09/28/04	93.4	11.7	<5.00	19.7	-
	03/28/05	3.71	6.72	0.660	10.5	7.20
	09/20/05	82.0	10.4	1.79	12.2	6.48
	03/14/06	18.8	7.31	1.32	10.9	-
B-36	02/17/00	0.925	1.16	0.762	3.16	-
	05/26/00	ND	0.82	0.502	ND	-
	08/28/00	2.08	2.54	0.693	2.53	-
	11/29/00	1.14	2.53	1.02	2.78	-
	02/23/01	ND	0.512	1.15	1.44	-
	05/17/01	ND	0.545	0.819	1.8	-
	09/20/01	ND	0.609	0.761	1.50	-
dup	09/20/01	ND	0.547	0.820	1.51	-
	03/14/02	ND	ND	ND	ND	-
	09/26/02	1.18	1.33	0.635	2.48	-
	03/18/03	ND	ND	ND	ND	-
	09/25/03	0.940	1.10	0.954	2.90	-
	03/30/04	<0.500	<0.500	<0.500	1.23	-
	09/28/04	0.614	0.679	<0.500	<1.00	-
	03/28/05	<0.200	<0.500	<0.500	<1.00	<2.00
	09/20/05	0.390	0.930	<0.500	<1.00	2.63
	03/14/06	<0.500	<0.500	<0.500	<1.00	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
B-37	02/17/00	ND	0.517	0.63	1.18	-
dup	02/17/00	0.342	1.06	0.795	1.97	-
	05/26/00	ND	ND	ND	ND	-
	08/28/00	ND	ND	ND	ND	-
	11/29/00	ND	ND	ND	ND	-
	02/23/01	ND	ND	ND	ND	-
	05/17/01	ND	ND	ND	ND	-
	03/14/02	ND	ND	ND	ND	-
	09/26/02	ND	ND	ND	ND	-
	03/18/03	ND	ND	ND	ND	-
dup	03/18/03	ND	ND	ND	ND	-
	09/25/03	<0.500	<0.500	0.639	1.30	-
dup	09/25/03	<0.500	<0.500	0.628	1.24	-
	03/31/04	<0.500	<0.500	<0.500	<1.00	-
	09/28/04	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	<0.200	<0.500	<0.500	<1.00	3.98
	09/20/05	<0.200	<0.500	<0.500	<1.00	6.14
	09/20/05	-	-	-	-	5.82
	03/14/06	<0.500	<0.500	<0.500	<1.00	-
dup	03/14/06	<0.500	<0.500	<0.500	<1.00	-
B-40	02/17/00	NS/S	NS/S	NS/S	NS/S	-
	05/26/00	NS/F	NS/F	NS/F	NS/F	-
	08/28/00	NS/F	NS/F	NS/F	NS/F	-
	11/29/00	NS/F	NS/F	NS/F	NS/F	-
	02/20/01	NS/F	NS/F	NS/F	NS/F	-
	05/17/01	NS/F	NS/F	NS/F	NS/F	-
P-1	03/17/03	ND	ND	ND	ND	-
	03/31/04	<0.500	<0.500	<0.500	<1.00	-
	09/28/04	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	-	-	-	-	<2.00
	03/14/06	<0.500	<0.500	<0.500	<1.00	-
P-2	03/17/03	ND	0.534	ND	ND	-
	09/25/03	<0.500	<0.500	0.823	<1.00	-
	03/30/04	0.540	<0.500	<0.500	<1.00	-
	09/28/04	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	<0.200	<0.500	<0.500	<1.00	2.84
	09/20/05	<0.200	<0.500	<0.500	<1.00	4.48
	03/14/06	<0.500	<0.500	<0.500	<1.00	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
U-2	02/17/00	3.13	1.93	3.59	3.43	-
	05/26/00	0.885	1.45	ND	ND	-
	08/28/00	ND	ND	0.604	ND	-
	11/29/00	ND	ND	ND	ND	-
	02/23/01	ND	ND	ND	ND	-
	05/17/01	ND	ND	ND	ND	-
	09/20/01	ND	ND	ND	ND	-
	03/14/02	0.986	1.60	0.905	ND	
	09/26/02	ND	ND	ND	ND	
	03/18/03	ND	ND	ND	ND	
	09/25/03	<0.500	<0.500	<0.500	<1.00	
	03/31/04	2.60	<0.500	0.820	<1.00	-
	09/28/04	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	<0.200	<0.500	<0.500	<1.00	<2.00
	09/20/05	<0.200	<0.500	<0.500	<1.00	<2.00
	03/14/06	4.71	<0.500	3.19	1.05	-
U-3	02/17/00	0.355	0.993	0.952	3.17	-
	05/26/00	1.5	0.954	1.01	2.39	-
	08/28/00	ND	ND	0.793	ND	-
	11/29/00	ND	ND	0.744	ND	-
dup	11/29/00	0.500	0.567	0.727	ND	-
	02/23/01	14.8	1.84	2.58	ND	-
	05/17/01	7.83	ND	0.620	1.16	-
	03/28/05	-	-	-	-	<2.00
	09/20/05	-	-	-	-	5.09
U-4	05/26/00	62.3	ND	ND	ND	-
	08/28/00	15.0	ND	1.76	ND	-
dup	08/28/00	14.3	0.509	2.99	1.04	-
	11/29/00	ND	ND	ND	ND	-
	02/23/01	0.844	6.84	1.07	11.2	-
	05/17/01	NS/F	NS/F	NS/F	NS/F	-
	09/26/02	0.760	0.552	1.07	2.99	-
dup	09/26/02	0.771	0.623	2.21	4.14	-
	03/28/05	-	-	-	-	5.62
U-5	02/17/00	3.86	0.654	0.501	2.54	-
	05/26/00	3.49	ND	ND	ND	-
	08/28/00	ND	ND	ND	ND	-
	11/29/00	ND	ND	ND	ND	-
	02/23/01	1.56	1.16	ND	ND	-
	05/17/01	NS/F	NS/F	NS/F	NS/F	-
	03/18/03	2.49	2.21	5.77	33.7	-
	09/25/03	2.39	1.71	7.89	7.66	-
	03/31/04	1.53	<0.500	<0.500	<1.00	-
	09/28/04	<0.500	0.806	<0.500	1.80	-
	03/28/05	<0.200	<0.500	<0.500	<1.00	<2.00
	09/20/05	<0.200	<0.500	<0.500	<1.00	<2.00
	03/14/06	0.560	<0.500	<0.500	<1.00	-

TABLE 2
GROUNDWATER ANALYTICAL RESULTS - BTEX COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well/Sample Identification	Date Sampled	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)
U-10	03/18/03	ND	ND	ND	ND	-
	09/25/03	<0.500	<0.500	<0.500	<1.00	-
	03/30/04	0.680	2.08	<0.500	4.01	-
	09/28/04	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	<0.200	<0.500	<0.500	<1.00	<2.00
	09/20/05	<0.200	<0.500	<0.500	<1.00	<2.00
	03/14/06	<0.500	<0.500	<0.500	<1.00	-
U-11	03/18/03	ND	ND	ND	ND	-
	09/25/03	1.74	1.37	1.04	1.74	-
	03/30/04	<0.500	<0.500	<0.500	<1.00	-
dup	03/30/04	0.650	1.93	<0.500	3.26	-
	09/28/04	<0.500	<0.500	<0.500	<1.00	-
	03/28/05	0.360	0.830	<0.500	1.09	<2.00
	09/20/05	0.480	1.10	<0.500	1.17	<2.00
	03/14/06	0.780	1.74	<0.500	2.86	-
U-12	03/18/03	5.30	2.12	0.642	3.72	-
	09/25/03	<0.500	0.563	<0.500	2.00	-
	03/30/04	<0.500	<0.500	<0.500	<1.00	-
	09/28/04	1.03	0.978	0.719	2.58	-
	03/28/05	<0.200	<0.500	<0.500	<1.00	4.21
	09/20/05	<0.200	<0.500	<0.500	<1.00	4.54
	03/14/06	<0.500	<0.500	<0.500	<1.00	-
TB-LB	08/24/00	ND	ND	ND	ND	-
	08/25/00	ND	ND	ND	ND	-
	08/28/00	ND	ND	ND	ND	-
	11/29/00	ND	ND	ND	ND	-
	11/30/00	ND	ND	ND	ND	-
	12/01/00	ND	ND	ND	ND	-
	02/23/01	ND	ND	ND	ND	-

Notes:
2/00 and 5/00 data from IT Corporation
8/00, 11/00, 2/01 and 5/01 data from KHM Environmental Management, Inc.
NS/F = Not sampled floating product present
NS/S = Not sampled sheen present
µg/l = Micrograms per Liter
ND = Not detected at or below detection limit
BTEX analysis by USEPA Method 8021B
dup* = duplicate for B-30 submitted as blind duplicate labeled as B-50
dup**= duplicate for B-30 submitted as blind duplicate labled as B-31
dup*** = duplicate for B-30 submitted as blind duplicate labeled as B-99
TB-LB = trip blank

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
CHEVRON																	
B-7	02/18/00	5.22	ND	ND	ND	ND	ND	ND	ND	0.528	ND	7.26	16.3	ND	ND	17.6	0.962
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.2	ND	ND	13.6	ND
dup	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.9	ND	ND	15.8	ND
	08/25/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/22/01	1.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.64	ND	ND	2.82	ND
	05/17/01	0.934	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.59	ND	ND	0.564	ND
	03/20/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/29/03	2.12	ND	0.287	ND	ND	ND	ND	ND	ND	ND	ND	7.74	ND	ND	6.11	ND
	03/30/04	1.95	<0.200	0.436	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	7.73	<0.200	<1.60	5.95	<0.200
	03/09/05	2.42	<0.800	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.800	<0.400	9.07	<0.400	<1.40	8.82	<0.400
dup	03/09/05	2.66	<1.00	<0.250	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	9.74	<0.100	<2.00	7.30	0.154
	09/22/05	2.65	<0.990	<0.990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.990	10.4	<0.0990	<1.98	8.16	0.177
B-9	02/18/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.43	ND	ND	1.3	ND
	08/25/00	2.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.40	ND	ND	1.33	ND
	11/30/00	0.700	ND	0.600	0.460	0.240	0.400	ND	ND	ND	ND	ND	6.70	ND	0.780	0.200	0.160
	02/22/01	1.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.20	ND	ND	0.528	ND
	05/17/01	1.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.60	ND	ND	0.386	ND
	09/19/01	1.08	0.240	ND	ND	ND	ND	0.120	ND	ND	0.100	ND	4.00	0.100	0.260	0.780	0.100
	03/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/02	1.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.09	ND	ND	0.358	ND
	03/20/03	0.242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.508	ND	ND	ND	ND
	09/30/03	1.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.38	ND	ND	0.265	ND
	03/30/04	0.964	<0.300	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	3.10	<0.200	<1.50	0.951	0.234
	03/08/05	0.910	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	2.78	<0.100	<0.700	0.679	<0.100
	06/22/05	0.887	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	3.05	<0.100	<0.500	0.873	<0.100
	09/21/05	0.832	<0.198	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	2.93	<0.0990	<0.891	0.702	<0.0990

COPPOR0008003

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
B-10	02/18/00	3.58	ND	ND	0.0670	ND	ND	ND	ND	0.14	ND	0.632	11.8	ND	ND	12.9	0.513
dup	02/18/00	4.83	ND	2.9	5.47	ND	0.66	ND	ND	0.689	ND	1.95	15.9	ND	ND	23.4	1.85
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	0.101	ND	ND	11.9	ND	ND	12.7	0.818
	08/25/00	1.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.18	ND	ND	2.91	ND
	11/30/00	1.42	ND	0.320	ND	ND	ND	ND	ND	ND	ND	ND	2.24	ND	0.980	0.160	0.120
	02/23/01	1.01	ND	0.252	ND	ND	ND	ND	ND	ND	ND	0.234	1.25	ND	ND	1.33	0.225
	05/17/01	0.635	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.976	ND	ND	0.521	ND
	09/19/01	0.420	ND	ND	ND	ND	ND	0.100	ND	ND	ND	0.200	0.300	0.100	0.360	ND	0.240
	03/21/02	ND	ND	0.188	ND	ND	ND	ND	ND	ND	ND	0.190	1.23	ND	ND	1.23	0.220
	09/24/02	1.04	0.132	1.49	ND	ND	0.170	ND	0.189	ND	ND	ND	1.32	ND	0.717	1.34	0.245
	03/20/03	1.05	ND	0.190	ND	ND	ND	ND	ND	ND	ND	0.194	1.30	ND	ND	1.27	0.236
	09/29/03	1.09	ND	0.234	ND	ND	ND	ND	ND	ND	ND	0.463	1.91	ND	ND	2.11	0.436
	03/30/04	1.65	<0.200	0.671	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.588	5.22	<0.200	<2.40	5.67	0.691
	03/08/05	1.41	<0.300	0.638	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	0.814	4.46	<0.200	<1.40	2.76	0.829
	09/21/05	1.27	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<1.98	<0.990	2.22	<0.990	<1.98	1.89	<0.990
	03/14/06	1.05	<0.200	0.170	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.154	2.15	<0.0200	<1.50	1.68	0.211
B-11	02/18/00	1.75	ND	ND	ND	ND	0.547	ND	ND	ND	ND	ND	2.15	ND	ND	1.53	0.764
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.891	0.169
	08/25/00	1.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.47	ND	ND	1.76	ND
	11/30/00	2.10	0.400	1.02	0.400	0.180	0.180	ND	ND	ND	ND	ND	2.88	ND	1.20	0.260	ND
	02/22/01	ND	ND	0.106	ND	ND	ND	ND	ND	ND	ND	ND	1.12	ND	ND	0.815	ND
	05/17/01	0.478	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.729	ND	ND	0.358	ND
	03/30/04	0.931	<0.300	<0.300	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	1.06	<0.200	<3.50	0.604	0.418
	03/09/05	0.664	<0.150	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	1.15	<0.100	<1.40	0.623	0.172
	06/22/05	0.685	<0.150	117	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	0.111	1.04	<0.100	<1.00	0.471	0.181
	09/21/05	0.854	<0.149	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	1.36	<0.0990	<1.58	0.743	0.124

COPPOR0008004

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
B-14	02/18/00	1.08	ND	0.222	0.01	ND	ND	ND	ND	0.104	ND	0.561	1.84	ND	7	1.9	0.582
	05/23/00	ND	ND	1.85	ND	ND	ND	ND	ND	ND	ND	0.467	ND	ND	ND	1.36	0.621
	08/25/00	1.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.75	ND	24.5	2.06	ND
	11/30/00	0.920	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.60	ND	0.980	ND	ND
	02/22/01	ND	ND	0.187	ND	ND	ND	ND	ND	ND	ND	0.390	1.10	ND	ND	1.16	0.489
	05/17/01	0.738	ND	0.106	ND	ND	ND	ND	ND	ND	ND	0.341	0.966	ND	1.72	0.892	0.338
B-19	03/20/03	1.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.440	ND	ND	6.62	ND
	09/29/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.68	ND	ND	13.2	ND
	03/29/04	2.12	<1.00	<1.00	<1.00	0.0213	<0.0200	<0.0200	<0.0200	<1.00	<0.0200	<1.00	7.01	<0.0200	<3.50	11.9	<1.00
	03/09/05	2.40	<1.00	0.973	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	8.85	<0.500	<3.00	16.0	0.537
	06/22/05	2.96	<2.00	0.849	<0.100	<0.100	<0.100	<0.100	<0.100	0.141	<0.200	<0.300	9.59	<0.100	<2.50	15.8	0.277
	09/22/05	<1.34	<0.396	<0.297	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.149	4.14	<0.0990	<1.98	6.40	0.209
	03/14/06	1.97	<0.472	0.291	<0.0189	<0.0189	<0.0189	<0.0189	<0.0189	0.0427	<0.0189	<0.0943	4.60	<0.0189	<2.17	8.98	0.113
B-20	03/20/03	0.322	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.577	ND	ND	ND	ND
	09/29/03	1.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.86	ND	ND	4.27	ND
	03/30/04	1.07	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	3.81	<0.200	<1.50	0.988	<0.200
	03/09/05	1.29	<0.400	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	4.58	<0.200	<0.800	3.03	<0.200
	09/22/05	<0.891	<0.248	<0.347	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	3.13	<0.0990	<0.693	0.812	<0.0990
B-21	09/19/01	3.40	0.200	1.78	0.360	0.360	0.320	0.400	0.300	0.540	0.160	1.52	16.1	0.320	1.18	16.8	1.54
	03/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.38	ND	ND	3.84	ND
	09/24/02	2.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.66	ND	ND	4.15	ND
	03/20/03	2.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.0	ND	ND	7.00	ND
	09/29/03	3.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.94	ND	ND	8.86	0.394
	03/29/04	2.52	<0.500	<0.500	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0396	<0.0200	<0.500	8.76	<0.0200	<3.00	7.58	0.259
	03/08/05	2.79	<0.800	<0.600	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.800	<0.400	10.5	<0.400	<2.20	10.8	0.430
	09/22/05	2.26	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<1.98	<0.990	8.41	<0.990	<1.98	5.22	<0.990
	03/15/06	2.66	<0.755	<0.189	<0.0189	<0.0189	<0.0189	<0.0189	<0.0189	<0.0189	<0.0189	<0.189	9.04	<0.0189	<1.79	7.34	0.0789

COPPOR0008005

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene (µg/l)	Acenaphthylene (µg/l)	Anthracene (µg/l)	Benzo (a) anthracene (µg/l)	Benzo (a) pyrene (µg/l)	Benzo (b) fluoranthene (µg/l)	Benzo (g,h,i) perylene (µg/l)	Benzo (k) fluoranthene (µg/l)	Chrysene (µg/l)	Dibenzo (a,h) anthracene (µg/l)	Fluoranthene (µg/l)	Fluorene (µg/l)	Indeno (1,2,3-cd) pyrene (µg/l)	Naphthalene (µg/l)	Phenanthrene (µg/l)	Pyrene (µg/l)
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
B-26	03/30/04	0.778	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.299	0.649	<0.200	27.5	1.08	0.447
	03/09/05	0.778	<0.100	<0.100	<0.100	<0.100	0.140	<0.100	<0.100	<0.100	<0.200	0.236	0.421	<0.100	5.37	0.912	0.371
	06/22/05	0.651	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	0.264	0.588	<0.200	10.9	0.639	0.293
	09/22/05	0.841	<0.149	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	0.161	0.440	<0.0990	7.80	0.701	0.224
B-28	02/18/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.09	ND	ND
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/25/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/17/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/20/01	ND	ND	ND	ND	ND	ND	0.100	ND	ND	ND	ND	ND	0.100	ND	ND	ND
	03/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/20/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/30/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.767	ND	ND
	03/29/04	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0400	<0.0200	<0.100	<0.0400	<0.0200
	03/09/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	1.18	<0.100	<0.100
	09/21/05	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	<0.0990	<0.0990	0.395	<0.0990	<0.0990
	03/14/06	<0.0404	<0.0404	<0.0404	0.0735	0.0823	0.0839	0.105	0.0695	0.111	<0.0404	0.180	<0.0404	0.0734	<0.0404	0.112	0.179
B-29	09/20/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/20/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/30/03	ND	ND	ND	ND	0.121	0.136	0.157	0.114	0.111	ND	0.132	ND	0.123	ND	ND	0.138
	03/29/04	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0300	<0.0200	<0.0600	<0.0200	<0.0200
	03/09/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/21/05	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990
	03/14/06	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0490	<0.0294	0.0238

COPPOR0008006

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
B-30	02/18/00	0.121	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.113	0.177	ND	ND	0.175	0.202
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.105	ND
	08/25/00	0.385	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.530	ND	ND	0.423	ND
	11/30/00	0.280	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.440	ND	0.280	0.300	0.100
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup**	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/17/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.116	ND	ND	0.108	ND
	09/20/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.100	ND	0.100	ND	ND
dup	09/20/01	ND	ND	ND	ND	ND	ND	0.100	ND	ND	0.100	ND	ND	0.120	0.100	ND	ND
	03/21/02	0.162	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.312	ND	ND	0.157	0.114
dup	03/21/02	0.162	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.314	ND	ND	0.164	0.123
	09/24/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/20/03	0.142	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.133	ND	ND	0.132	ND
dup*	03/20/03	0.108	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.126	ND	ND	0.105	ND
	09/30/03	ND	ND	ND	0.582	0.585	0.421	0.323	0.443	0.531	ND	0.827	0.349	0.272	ND	0.451	1.51
dup***	09/30/03	ND	ND	ND	0.473	0.416	0.410	0.291	0.357	0.450	ND	0.728	ND	0.248	ND	0.432	1.26
	03/29/04	0.119	<0.0200	0.0449	0.0576	0.0507	0.0420	0.0344	0.0393	0.0633	<0.0200	0.123	0.173	0.0295	<0.320	0.170	0.240
dup***	03/29/04	<0.280	<0.800	0.0485	0.0605	0.0596	0.0452	0.0417	0.0438	0.0637	<0.0200	0.112	0.216	0.0361	<0.640	0.170	0.244
	03/09/05	0.242	<0.200	<0.200	0.223	0.209	<0.200	<0.200	<0.200	0.217	<0.400	0.400	<0.300	<0.200	<0.400	0.284	0.637
	09/21/05	0.103	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	0.198	<0.0990	<0.0990	<0.0990	<0.297	<0.0990	<0.0990
dup****	09/21/05	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	0.198	<0.0990	<0.0990	<0.0990	<0.248	<0.0990	<0.0990
	03/14/06	0.310	<0.142	0.0684	0.0761	0.0628	0.0455	0.0480	0.0368	0.0783	<0.0189	0.152	0.369	0.0353	<0.292	0.260	0.323
dup	03/14/06	0.375	<0.182	0.0933	0.106	0.0871	0.0607	0.0674	0.0564	0.109	<0.0404	0.202	0.375	0.0491	<0.404	0.275	0.424
B-32	03/20/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.161	ND	ND	ND	0.108
	09/29/03	ND	ND	ND	0.114	0.112	0.114	ND	0.114	0.188	ND	0.557	1.06	ND	ND	ND	0.498
	03/09/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/22/05	<1.00	<1.00	<0.150	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	0.171	<1.00	<1.00	<0.300	<0.150	0.256
	03/15/06	<0.0190	<0.0190	<0.0952	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	0.0280	<0.0190	0.193	<0.0762	<0.0190	<0.152	<0.0381	0.206

COPPOR0008007

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
B-33	03/20/03	0.589	ND	ND	ND	ND	0.385	0.370	ND	0.306	ND	0.449	2.01	0.300	ND	0.914	0.458
	09/30/03	11.0	ND	3.30	8.28	19.2	44.0	37.5	26.4	34.1	7.35	20.2	33.3	30.6	ND	39.7	29.5
	03/30/04	3.03	<2.00	2.42	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	12.5	<2.00	<4.50	13.6	3.28
	03/09/05	2.42	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<1.00	9.36	<1.00	<2.00	10.6	1.07
	06/22/05	3.00	<1.50	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<1.00	10.0	<1.00	<2.00	10.2	<1.00
	09/22/05	2.56	<0.990	<1.49	<0.990	<0.990	<0.990	<0.990	<0.990	<0.990	<1.98	<0.990	8.31	<0.990	<1.98	6.82	<0.990
	03/15/06	1.08	<0.308	<0.154	0.153	0.233	0.270	0.286	0.292	0.400	0.0854	0.336	2.94	0.270	<0.615	2.45	0.533
CR-1	09/20/01	0.520	ND	ND	ND	0.120	0.100	0.140	0.100	ND	0.120	ND	1.94	0.140	0.300	0.160	ND
	03/21/02	0.216	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.789	ND	ND	0.194	ND
	09/24/02	1.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.32	ND	0.887	0.660	ND
	03/20/03	0.758	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.53	ND	ND	0.748	ND
	09/30/03	1.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.02	ND	ND	1.11	ND
	03/30/04	0.473	<0.150	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	1.59	<0.100	<0.650	0.322	<0.100
	03/08/05	0.825	<0.150	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	3.18	<0.100	<0.850	0.766	<0.100
	09/21/05	1.22	<0.297	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	4.63	<0.0990	<1.63	1.52	<0.0990
CR-3	03/09/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	06/22/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/22/05	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990
CR-8	02/18/00	0.749	ND	0.264	0.981	2.47	1.6	2.92	1.3	1.28	3.42	1.34	ND	1.96	ND	0.125	1.97
	05/23/00	ND	ND	0.223	0.232	0.61	0.46	0.981	0.331	0.326	ND	0.27	ND	0.613	ND	ND	0.458
	08/25/00	ND	ND	ND	0.313	0.666	0.445	0.755	0.455	0.434	ND	0.674	ND	ND	ND	ND	0.913
	11/30/00	ND	ND	ND	ND	0.120	ND	0.160	ND	ND	ND	ND	ND	0.100	ND	ND	0.180
	02/22/01	ND	0.284	0.105	0.536	1.25	0.970	1.46	0.628	0.923	ND	0.749	0.103	0.960	ND	0.108	1.41
	05/16/01	ND	ND	ND	ND	0.389	0.301	0.459	ND	0.229	ND	0.371	ND	0.326	ND	ND	0.472

COPPOR0008008

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
CR-9	02/18/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/23/00	ND	ND	0.115	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/25/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	08/25/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/00	ND	ND	ND	ND	ND	ND	0.160	0.120	ND	ND	ND	ND	0.120	ND	ND	0.100
dup	11/30/00	ND	ND	ND	0.140	0.260	0.260	0.400	0.300	0.200	ND	0.160	ND	0.320	ND	ND	0.240
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR-11	02/18/00	0.333	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.982	ND	ND	0.327	ND
	05/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/25/00	0.402	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.20	ND	ND	0.450	ND
	11/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/22/01	0.208	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.457	ND	ND	ND	ND
	05/16/01	0.149	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.221	ND	ND	ND	ND
CR-26	03/09/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	0.215	<0.100	<0.200	0.165	<0.100
	06/22/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	0.264	<0.100	<0.100	<0.100	<0.100
	09/22/05	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.0990	<0.198	<0.0990	0.172	<0.0990	<0.0990	<0.0990	<0.0990

COPPOR00008009

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
KINDER MORGAN																	
MW-8	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.66	ND	ND
	05/31/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.53	ND	ND
	12/01/00	0.240	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.680	0.140	0.160
	02/22/01	0.221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.104	ND
	05/16/01	0.149	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	05/16/01	0.128	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/21/01	0.160	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.260	0.100	ND
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/27/02	0.148	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	0.181	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/30/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100
	09/27/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.350	<0.100	<0.100
dup	09/27/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.300	<0.100	<0.100
	03/29/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/21/05	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204
	03/15/06	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.155	<0.0194	<0.0194
dup	03/15/06	0.0260	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.125	<0.0192	<0.0192
MW-10	02/16/00	0.113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0759	0.0845
	05/31/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	0.119	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.180	ND	ND
	02/22/01	0.134	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	0.104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

COPPOR00008010

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-11	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.66	ND	410	ND	ND
	05/31/00	ND	ND	0.159	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	555	0.256	ND
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	451	ND	ND
	12/01/00	0.200	0.120	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.300	ND	ND	0.160	ND
	02/22/01	0.247	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	411	0.184	ND
	05/16/01	0.117	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.185	ND	572	0.108	ND
MW-13	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/31/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	02/17/00	0.118	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0743	ND	ND	ND	ND
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-21	02/17/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

COPPOR0008011

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-22	02/17/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.23	ND	356	1.09	ND
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	345	ND	ND
	08/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	386	ND	ND
	12/01/00	0.300	0.160	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.500	ND	ND	0.400	ND
	02/21/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/16/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
MW-23	02/17/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/30/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	08/23/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	12/01/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	02/22/01	2.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.12	ND	35.0	3.27	ND
	05/16/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
MW-25	09/21/01	0.240	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120	ND	ND
	03/14/02	0.172	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/27/02	0.194	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.101
	03/18/03	0.163	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	0.289	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/30/04	0.233	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.350	<0.100	<0.100
	09/27/04	0.384	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.500	<0.100	<0.100
	03/28/05	0.177	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.250	<0.100	<0.100
	09/21/05	0.205	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	0.0344	0.0401
	03/15/06	0.112	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.135	<0.0192	0.0255

COPPOR0008012

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-26	02/17/00	2.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.19	1.7	ND	2.69	2.27	1.05
dup	02/17/00	1.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.99	1.43	ND	2.24	1.74	0.714
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.84	ND	ND	1.84	ND
	08/23/00	2.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.23	1.92	ND	ND	2.39	ND
dup	08/23/00	2.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.12	1.98	ND	ND	2.63	ND
	12/01/00	0.840	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.580	0.320	ND	0.380	ND	0.360
	02/21/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/17/01	1.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.40	ND	ND	1.88	ND
	09/18/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	03/13/02	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	09/27/02	1.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.510	1.43	ND	ND	2.36	ND
	03/18/03	1.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.641	0.974	ND	7.16	1.51	ND
	09/24/03	1.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.596	1.61	ND	ND	2.3	ND
	03/30/04	1.33	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	1.52	<0.200	<3.80	0.357	0.219
	09/27/04	2.33	<0.200	0.277	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	0.985	2.07	<0.200	<2.00	2.01	0.664
	03/28/05	2.02	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	1.26	1.63	<0.500	<1.62	2.51	0.924
	09/21/05	1.32	<0.200	0.165	0.0459	<0.0400	0.0560	<0.0400	<0.0400	0.0875	<0.0400	0.521	0.967	<0.0400	<0.980	1.48	0.396
	03/15/06	1.01	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	0.225	0.883	<0.192	<3.75	0.538	<0.192

COPPOR0008013

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-28	02/16/00	2.68	ND	ND	ND	ND	ND	ND	ND	1.00	ND	0.792	6.69	ND	ND	8.54	2.71
	05/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	08/24/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	12/01/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/21/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/16/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
MW-31	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.988	ND	ND	0.457	0.0887
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/23/00	0.243	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.666	ND	ND	0.463	ND
	12/01/00	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.300	ND	ND	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.568	ND	ND	0.363	ND
	05/17/01	0.206	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.597	ND	ND	0.352	ND
MW-32	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/23/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/01/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.12	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

COPPOR00008014

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene (µg/l)	Acenaphthylene (µg/l)	Anthracene (µg/l)	Benzo (a) anthracene (µg/l)	Benzo (a) pyrene (µg/l)	Benzo (b) fluoranthene (µg/l)	Benzo (g,h,i) perylene (µg/l)	Benzo (k) fluoranthene (µg/l)	Chrysene (µg/l)	Dibenzo (a,h) anthracene (µg/l)	Fluoranthene (µg/l)	Fluorene (µg/l)	Indeno (1,2,3-cd) pyrene (µg/l)	Naphthalene (µg/l)	Phenanthrene (µg/l)	Pyrene (µg/l)
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
MW-33	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.222	ND	ND
dup	02/22/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.161	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/21/01	0.340	ND	ND	0.100	ND	0.220	0.140	0.120	0.200	ND	0.180	ND	0.120	0.160	ND	0.160
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/27/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/29/04	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0209
	09/27/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	03/29/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/21/05	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0396	<0.0198	0.0321
dup	09/21/05	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0384
	03/15/06	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
MW-34	09/21/01	0.280	ND	ND	ND	ND	ND	0.100	ND	ND	ND	ND	ND	0.120	0.120	ND	ND
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/27/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	0.151	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/29/04	0.0524	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0600	<0.0200	<0.0200
	09/27/04	0.135	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.150	<0.100	<0.100
dup	03/29/05	<0.111	<0.111	<0.111	<0.111	<0.111	<0.111	<0.111	<0.111	<0.111	<0.222	<0.111	<0.111	<0.111	<0.111	<0.111	<0.111
	03/29/05	0.129	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/21/05	0.332	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0297	<0.0198	<0.0198	<0.0222
	03/15/06	0.118	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0990	<0.0198	<0.0198

COPPOR00008015

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-36	02/16/00	0.143	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/31/00	0.228	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	0.269	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/00	0.420	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.180	ND	ND
	02/21/01	0.304	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	0.247	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/21/01	0.240	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.140	ND	ND
	03/13/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	0.178	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	0.307	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/29/04	0.246	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.200	0.0525	0.0487
	09/27/04	0.710	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.150	<0.100	<1.00	<0.100	<0.100
	09/21/05	0.382	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	0.0574	0.0616
	03/15/06	0.0302	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0388	<0.0194	0.0226
MW-37	02/16/00	1.56	ND	0.0862	0.0584	0.0773	0.0564	ND	ND	583	ND	0.158	3.02	ND	ND	0.605	0.214
	05/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.126	ND	ND	ND	0.451	0.153
	08/24/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.25	ND	ND	ND	ND
	11/30/00	0.680	0.180	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.600	ND	0.660	0.200	0.120
	02/21/01	0.183	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.228	ND	ND	ND	ND
	02/21/01[1]	0.588	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.513	ND	ND	0.207	ND
	05/16/01	0.401	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.327	ND	ND	0.146	ND
	09/21/01	0.140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.280	0.120	ND
	03/13/02	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/27/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.499	ND	ND	0.166	0.122
dup	09/27/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.147	ND
	03/18/03	0.435	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.731	ND	ND	ND	ND
	09/27/04	<1.00	<1.00	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	0.122	<1.00	<0.100	<1.00	0.184	0.251
	03/29/05	2.39	<0.250	0.344	<0.200	<0.200	<0.200	<0.200	<0.200	0.241	<0.400	1.39	1.93	<0.200	<2.00	2.86	1.05
	09/21/05	0.77	<0.350	<0.100	<0.100	<0.100	<0.100	0.110	<0.100	<0.100	<0.100	<0.100	0.478	<0.100	<1.90	<0.100	0.131
	03/15/06	0.737	<0.433	<0.0962	<0.0962	0.150	<0.0962	0.319	<0.0962	<0.0962	<0.0962	<0.0962	1.18	0.214	<1.49	0.160	0.119

COPPOR0008016

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-39	09/27/04	4.30	<0.100	0.159	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	0.338	1.23	<0.100	<1.60	1.16	0.348
	09/21/05	2.33	<0.200	0.0920	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.211	0.826	<0.0200	<0.900	0.802	0.239
MW-40	02/16/00	0.0972	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/30/00	0.124	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/24/00	0.141	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/21/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/21/01	ND	ND	ND	ND	ND	ND	0.120	ND	ND	0.100	0.380	ND	0.140	ND	0.120	0.240
	03/13/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/27/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/03	0.109	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	09/24/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/29/04	0.0609	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0900	<0.0300	<0.0200
dup	03/29/04	0.0588	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0900	0.0266	<0.0200
	09/27/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	03/29/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/21/05	0.0732	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	0.105	0.0381	<0.0190
	03/15/06	0.0716	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0769	0.0297	<0.0192

COPPOR0008017

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene (µg/l)	Acenaphthylene (µg/l)	Anthracene (µg/l)	Benzo (a) anthracene (µg/l)	Benzo (a) pyrene (µg/l)	Benzo (b) fluoranthene (µg/l)	Benzo (g,h,i) perylene (µg/l)	Benzo (k) fluoranthene (µg/l)	Chrysene (µg/l)	Dibenzo (a,h) anthracene (µg/l)	Fluoranthene (µg/l)	Fluorene (µg/l)	Indeno (1,2,3-cd) pyrene (µg/l)	Naphthalene (µg/l)	Phenanthrene (µg/l)	Pyrene (µg/l)
Number of benzene rings.		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
CONOCOPHILLIPS																	
B-4	02/17/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/26/00	13.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.19	17.3	ND	ND	28.4	2.24
dup	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	20.9	1.72
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/29/00	2.50	ND	0.620	0.140	ND	ND	ND	ND	ND	ND	1.60	2.54	ND	8.80	4.72	1.24
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/18/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	03/13/02	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	09/26/02	2.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.889	3.42	ND	ND	4.26	0.859
	03/17/03	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/25/03	2.79	ND	0.857	ND	ND	ND	ND	ND	ND	ND	1.24	5.10	ND	ND	6.24	1.23
B-17	02/17/00	2.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.42	ND	ND	4.25	ND
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.1	ND	ND	5.33	ND
	08/28/00	2.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.5	ND	ND	7.10	
	11/29/00	1.72	0.340	0.180	ND	ND	ND	ND	ND	ND	ND	0.320	5.50	ND	0.880	4.96	0.260
	02/23/01	2.36	ND	0.139	ND	ND	ND	ND	ND	ND	ND	ND	8.20	ND	ND	2.93	ND
dup	02/23/01	2.52	ND	0.236	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.372	ND	3.84	ND
	05/17/01	2.19	ND	0.294	ND	ND	ND	ND	ND	ND	ND	ND	7.83	ND	ND	4.24	ND
dup	05/17/01	2.19	ND	0.265	ND	ND	ND	ND	ND	ND	ND	ND	8.25	ND	ND	4.14	ND
B-18	02/17/00	1.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.39	ND	ND	1.83	ND
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/28/00	1.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.84	ND	ND	1.17	ND
	11/29/00	0.220	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.440	ND	ND	0.220	ND
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.11	ND	ND	ND	ND
	05/17/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.529	ND	ND	ND	ND
B-22	02/17/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.4	ND	ND	21.5	ND
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/29/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F

COPPOR00008018

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene (µg/l)	Acenaphthylene (µg/l)	Anthracene (µg/l)	Benzo (a) anthracene (µg/l)	Benzo (a) pyrene (µg/l)	Benzo (b) fluoranthene (µg/l)	Benzo (g,h,i) perylene (µg/l)	Benzo (k) fluoranthene (µg/l)	Chrysene (µg/l)	Dibenzo (a,h) anthracene (µg/l)	Fluoranthene (µg/l)	Fluorene (µg/l)	Indeno (1,2,3-cd) pyrene (µg/l)	Naphthalene (µg/l)	Phenanthrene (µg/l)	Pyrene (µg/l)
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
B-35	02/17/00	11	ND	5.15	1.19	ND	ND	ND	ND	1.1	ND	8.29	30	ND	ND	35.8	4.33
	05/26/00	ND	ND	2.61	ND	ND	ND	ND	ND	ND	ND	2.93	22.5	ND	ND	20.7	1.73
	08/28/00	6.77	ND	0.807	0.123	ND	ND	ND	ND	0.127	ND	1.12	13.7	ND	ND	8.35	0.584
	11/29/00	2.84	0.360	0.520	0.240	ND	ND	ND	ND	0.200	ND	1.46	6.30	ND	1.22	7.16	0.760
	02/23/01	8.44	ND	ND	0.304	ND	0.102	ND	ND	0.330	ND	ND	16.2	ND	ND	17.3	1.15
	05/17/01	4.34	ND	0.493	0.103	ND	ND	ND	ND	0.106	ND	0.692	11.3	ND	ND	5.50	0.425
	09/20/01	2.92	0.360	0.680	0.200	ND	0.120	ND	ND	0.200	ND	1.20	6.74	ND	1.00	10.0	0.700
	03/14/02	3.02	ND	0.620	ND	ND	ND	ND	ND	ND	ND	0.844	7.62	ND	ND	6.78	0.468
	09/26/02	4.76	ND	0.740	0.109	ND	ND	ND	ND	ND	ND	1.00	11.6	ND	ND	9.41	0.570
	03/18/03	3.46	ND	0.493	ND	ND	ND	ND	ND	ND	ND	0.578	14.3	ND	ND	7.51	0.434
	09/25/03	5.36	ND	0.779	ND	ND	ND	ND	ND	ND	ND	0.884	10.2	ND	ND	8.86	0.399
	03/30/04	3.52	<0.200	0.456	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.419	7.21	<0.200	<2.10	5.18	0.274
	09/28/04	5.25	<0.200	0.579	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	0.662	9.23	<0.200	<2.70	6.80	0.455
	03/28/05	<7.25	<1.00	1.13	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	2.12	15.6	<1.00	<3.50	14.7	1.24
	09/20/05	7.51	<0.400	2.37	0.792	<0.400	<0.400	<0.400	<0.400	0.797	<0.400	5.150	16.900	<0.400	<3.60	24.9	3.23
	03/14/06	4.63	<0.495	0.438	0.107	0.0259	0.0402	<0.0198	0.0201	0.0972	<0.0198	0.419	8.83	<0.0198	<2.23	7.60	0.496
B-36	02/17/00	0.251	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.537	ND	ND	ND	ND
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/29/00	0.720	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.34	ND	0.520	0.180	ND
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/17/01	0.642	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.91	ND	ND	ND	ND
	09/20/01	0.360	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.920	ND	0.320	0.200	ND
dup	09/20/01	0.320	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.880	ND	0.300	0.100	ND
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.262	ND	ND	ND	ND
	09/26/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.26	ND	ND	ND	ND
	03/18/03	0.240	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.811	ND	ND	ND	ND
	09/25/03	0.584	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.22	ND	ND	ND	ND
	03/30/04	3.51	<0.200	0.490	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.429	6.79	<0.200	<2.10	5.07	0.268
	09/28/04	0.653	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	1.51	<0.100	<1.60	<0.100	<0.100
dup	09/28/04	0.723	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	1.24	<0.100	<1.35	<0.100	<0.150
	03/28/05	0.728	<0.175	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	1.60	<0.100	<1.25	<0.125	<0.100
	09/20/05	0.274	<0.0200	<0.0300	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.606	<0.0200	<0.610	<0.0200	0.0285
	03/14/06	0.0866	<0.0288	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	0.259	<0.0192	<0.462	<0.0192	<0.0288

COPPOR00008019

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
B-37	02/17/00	0.0698	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0547
dup	02/17/00	0.0683	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0731
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/28/00	0.124	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.128	ND
	05/17/01	0.110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/26/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/25/03	0.120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dup	09/25/03	0.113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.118	ND
	03/31/04	0.0737	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.320	<0.0300	0.0431
	09/28/04	0.142	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.300	<0.100	<0.100
	03/28/05	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.225	<0.100	<0.100
	09/20/05	0.347	<0.0303	<0.0303	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.0202	<0.222	<0.0707	0.0454
	03/14/06	0.0725	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.277	<0.0198	<0.0396
dup	03/14/06	<0.0891	<0.0198	0.0217	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	0.0217	<0.0198	<0.0198	<0.0198	<0.0198	<0.277	0.0813	0.0591
B-40	02/17/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/26/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/29/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F

COPPOR0008020

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
P-1	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/31/04	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0405
P-2	03/17/03	2.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.62	ND	ND	2.05	ND
	9/25/03[2]	1.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.85	ND	ND	4.23	ND
	03/30/04	1.97	<0.200	<0.300	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	7.66	<0.200	<1.70	3.28	<0.200
	09/28/04	2.28	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.400	<0.200	8.23	<0.200	<1.40	3.56	<0.200
	03/28/05	2.62	<0.600	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.800	<0.400	8.77	<0.400	<1.60	3.48	<0.400
	03/14/06	3.45	<0.777	<0.777	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388	<0.0388	<0.777	12.1	<0.0388	<1.94	4.17	<0.0583
U-2	02/17/00	0.140	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.683	0.224	ND	ND	0.104	0.0856
	05/26/00	0.119	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.239	ND	ND	0.122	ND
	08/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.73	ND	ND	ND	ND
	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/17/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/20/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/26/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/25/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/31/04	0.166	<0.0200	0.0201	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.100	0.237	<0.0200	<1.12	0.0680	0.0787
	09/28/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.150	<0.100	<0.100
	03/28/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/20/05	0.0232	<0.0196	0.0308	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	<0.0196	0.0197	0.0283	<0.0196	<0.118	0.0318	0.0292
	03/14/06	0.352	<0.106	0.0232	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	<0.0192	0.0392	0.454	<0.0192	<4.71	0.135	0.0798
U-3	02/17/00	0.142	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17	ND	ND	0.066	ND
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.119	ND	ND	ND	ND
	08/28/00	0.145	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.163	ND	ND	ND	ND
	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120	ND	0.160	ND	ND
dup	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120	ND	ND
	02/23/01	0.117	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.152	ND	ND	ND	ND
	05/17/01	0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.134	ND	ND	ND	ND

COPPOR00008021

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-4	02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.92	ND	ND	7.42	ND
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.44	ND	ND	7.11	ND
	08/28/00	5.05	ND	1.32	ND	ND	ND	ND	ND	ND	ND	ND	11.6	ND	ND	12.4	1.17
dup	08/28/00	4.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.367	10.4	ND	ND	8.48	0.544
	11/29/00	1.66	ND	0.660	ND	ND	ND	ND	ND	ND	ND	0.220	3.38	ND	0.760	1.92	0.340
	02/23/01	13.0	ND	4.14	ND	ND	ND	ND	ND	0.727	ND	ND	31.6	ND	ND	40.6	4.08
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/18/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	03/13/02	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	09/26/02	2.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.60	ND	ND	8.14	0.571
dup	09/26/02	3.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.72	ND	ND	9.70	0.842
	03/17/03	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
U-5	02/17/00	1.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.63	ND	ND	1.42	0.0674
	05/26/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.04	ND
	08/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.52	ND	ND	2.29	ND
	11/29/00	0.800	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.02	ND	2.60	1.06	ND
	02/23/01	ND	ND	0.124	ND	ND	ND	ND	ND	ND	ND	ND	3.28	ND	ND	1.64	ND
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/18/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/26/02	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	03/18/03	ND	ND	ND	1.08	ND	ND	2.54	ND	1.89	ND	ND	36.0	ND	ND	55.0	11.3
	09/25/03	5.52	ND	1.13	ND	ND	ND	ND	ND	ND	ND	ND	9.61	ND	4.71	10.7	1.31
	03/31/04	3.15	<0.400	0.921	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	<0.400	5.18	<0.400	<2.50	5.49	1.06
	09/28/04	4.54	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	6.51	<0.500	<3.25	5.66	<0.500
	03/28/05	4.25	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<1.00	6.87	<1.00	<2.50	7.64	<1.00
	09/20/05	3.69	<0.192	0.545	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	<0.192	5.80	<0.192	<2.31	6.37	0.443
	03/14/06	3.50	<0.784	<0.490	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	<0.196	5.78	<0.196	<3.04	6.09	0.374

COPPOR0008022

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-10	03/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.345	ND	ND
	09/25/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	03/30/04	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0302	<0.0200	<0.0200
	09/28/04	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	03/28/05	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	09/20/05	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0198	<0.0297	<0.0198	<0.0198
	03/14/06	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0194	<0.0291	<0.0194	<0.0291
U-11	03/18/03	0.711	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.44	ND	ND	0.951	ND
	09/25/03	1.45	ND	0.229	ND	ND	ND	ND	ND	ND	ND	0.391	4.69	ND	ND	3.25	0.396
	03/30/04	1.73	<0.200	0.395	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.610	5.29	<0.200	<2.60	4.32	0.821
	09/28/04	<0.171	<0.114	<0.171	<0.114	<0.114	<0.114	<0.114	<0.114	0.114	<0.229	<0.286	<0.343	<0.114	<0.343	<0.343	0.341
	03/28/05	1.74	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<1.00	5.56	<1.00	<2.00	4.14	<1.00
	09/20/05	1.39	<0.102	0.296	0.200	<0.102	<0.102	<0.102	<0.102	0.175	<0.102	0.608	3.19	<0.102	<1.68	3.30	0.830
	03/14/06	1.78	<0.481	0.579	0.281	<0.192	<0.192	<0.192	<0.192	0.238	<0.192	0.926	4.54	<0.192	<2.64	4.10	1.59
U-12	03/18/03	1.72	ND	0.308	ND	ND	ND	ND	ND	ND	ND	0.384	7.94	ND	ND	3.91	0.541
	09/25/03	0.277	ND	0.138	ND	ND	ND	ND	ND	ND	ND	ND	1.25	ND	0.231	1.59	ND
	03/30/04	0.151	<0.0400	<0.0600	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	0.621	<0.0400	<0.320	0.238	0.0434
	09/28/04	1.21	<0.100	0.304	0.193	<0.100	<0.100	<0.100	<0.100	0.153	<0.200	0.616	2.56	<0.100	<1.20	2.56	0.832
	03/28/05	<0.325	<0.275	<0.225	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.200	<0.100	1.00	<0.100	<0.275	0.615	<0.100
	09/20/05	<0.0816	<0.0408	<0.0408	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	<0.0204	0.313	<0.0204	<0.153	<0.0714	0.0344
	04/06/06[3]	0.502	<0.410	0.256	<0.0190	<0.0190	<0.0190	<0.0190	<0.0190	0.0425	<0.0190	0.0749	1.15	<0.0190	<0.524	2.20	0.0762

COPPOR0008023

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - PAH COMPOUNDS
Willbridge Terminals
Portland, Oregon

Well Identification	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Number of benzene rings		2	2	3	4	5	4	5	4	4	5	3	2	5	2	3	4
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)

NOTES:
- = Not sampled, not analyzed, not applicable
µg/l = Micrograms per Liter
ND = Not detected at or above method detection limit
2/00 and 5/00 data from IT Corporation
8/00, 11/00, 2/01 and 5/01 data from KHM Environmental Management, Inc.
IT Corp Data recorded as reported in Second Quarter 2000 Report
Analytes reported in alphabetical order
NS/F = Not sampled floating product present
NS/S = Not sampled sheen present
1 = Sample rerun outside of hold time due to low surrogate recovery reported in the initial sample as a result of an extraction error.
2 = Sample ID was misidentified by the laboratory as D-2
3 = Analytical results are from a re-sample due to container breakage at the laboratory of the sample collected on 3/14/06.
dup* = duplicate for B-30 submitted as blind duplicate labeled as B-50
dup**= duplicate for B-30 submitted as blind duplicate labled as B-31
dup***= duplicate for B-30 submitted as blind duplicate labeled as B-130
PAHs by EPA Method 8270M-SIM

COPPOR0008024

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
CHEVRON											
B-7	02/18/00	0.028	0.122	0.00107	0.0066	0.0134	0.00425	ND	0.00125	ND	0.0234
	05/23/00	0.0268	0.228	ND	0.0264	0.0441	0.0115	ND	0.00193	ND	0.0863
dup	05/23/00	0.0276	0.259	ND	0.0304	0.051	0.0137	ND	0.00211	ND	0.104
	08/25/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/22/01	0.0310	0.0719	ND	ND	0.00311	ND	ND	ND	ND	0.00513
	05/17/01	0.0364	0.0587	ND	ND	0.00157	ND	ND	ND	ND	ND
	03/20/03	0.0275	0.0642	ND	ND	0.0209	ND	ND	ND	ND	ND
	09/29/03	0.0304	0.0815	ND	0.00278	0.00608	0.00121	ND	0.00132	ND	0.00782
	03/30/04	0.0303	0.0869	0.00138	0.00320	0.00647	0.00175	<0.000200	<0.00100	<0.00100	0.0135
	03/09/05	0.0342	0.110	<0.00100	0.00434	0.00822	0.00239	<0.000200	<0.00200	<0.00100	0.0193
dup	03/09/05	0.0338	0.108	<0.00100	0.00490	0.00978	0.00273	<0.000200	<0.00200	<0.00100	0.0218
	09/22/05	0.0363	0.0857	<0.00100	0.00241	0.00483	<0.00100	<0.000200	<0.00200	<0.00100	0.00787
B-9	05/23/00	0.0177	0.139	ND	0.0176	0.0286	0.00848	ND	0.00123	ND	0.0616
	08/25/00	0.0116	0.0534	ND	0.00270	0.00750	0.00214	ND	ND	ND	0.0228
	11/30/00	0.0108	0.153	0.00149	0.0159	0.0354	0.0114	ND	0.00125	ND	0.0823
	02/22/01	0.0173	0.0460	ND	ND	0.00213	ND	ND	0.00127	ND	ND
	05/17/01	0.0208	0.0706	ND	0.00444	0.00634	0.00241	ND	ND	ND	0.0161
	09/19/01	0.0161	0.0753	ND	0.00256	0.00993	0.00266	ND	ND	ND	0.0136
	03/21/02	0.0105	0.0488	ND	0.00257	0.00683	0.00398	ND	ND	ND	0.0506
	09/24/02	0.0185	0.0469	ND	ND	ND	ND	ND	ND	ND	ND
	03/20/03	0.00992	0.0401	ND	0.00165	0.00421	0.00317	ND	ND	ND	0.0283
	09/30/03	0.00905	0.137	0.00136	0.00812	0.0285	0.0155	ND	ND	ND	0.0532
	03/30/04	0.0384	0.349	0.00382	0.0395	0.0991	0.0467	<0.000200	0.00147	<0.00100	0.331
	03/08/05	0.0305	0.0592	<0.00100	<0.00100	<0.00200	<0.00100	<0.000200	<0.00200	<0.00100	0.00759
	06/22/05	0.0268	0.0481	<0.00100	<0.00100	0.00225	<0.00100	<0.000200	<0.00200	<0.00100	0.0187
	09/21/05	0.0338	0.0579	<0.00100	<0.00100	<0.00200	<0.00100	<0.000200	<0.00200	<0.00100	0.00648

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
B-10	02/18/00	0.0367	0.337	0.00084	0.0355	0.0572	0.0202	ND	0.00053	0.00019	0.0965
dup	02/18/00	0.0394	0.375	0.00141	0.0448	0.0745	0.027	ND	0.00525	0.0002	0.123
	05/23/00	0.0354	0.211	ND	0.0265	0.0384	0.0115	ND	0.00229	ND	0.0631
	08/25/00	0.0314	0.0657	ND	0.00199	0.00366	0.00141	ND	0.00105	ND	0.177
	11/30/00	0.0307	0.0946	ND	0.00590	0.00800	0.00257	ND	0.00131	ND	0.0165
	02/23/01	0.0323	0.0611	ND	ND	ND	ND	ND	0.00184	ND	ND
	05/17/01	0.0395	0.0567	ND	ND	ND	ND	ND	ND	ND	ND
	09/19/01	0.0234	0.194	ND	0.0249	0.0466	0.0161	ND	0.00104	ND	0.0793
	03/21/02	0.0301	0.0644	ND	ND	ND	ND	ND	ND	ND	ND
	09/24/02	0.0290	0.0607	ND	ND	ND	ND	ND	ND	ND	ND
	03/20/03	0.0327	0.0620	ND	ND	ND	ND	ND	ND	ND	ND
	09/29/03	0.0337	0.0820	ND	0.00285	0.00441	0.00217	ND	0.00165	ND	0.0132
	03/30/04	0.0332	0.128	<0.00100	0.0100	0.0162	0.00783	<0.000200	<0.00100	<0.00100	0.0402
	03/08/05	0.0395	0.0881	<0.00100	0.00231	0.00359	0.00305	<0.000200	<0.00200	<0.00100	0.0111
	09/21/05	0.0369	0.0641	<0.00100	<0.00100	<0.00200	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500
	03/14/06	0.0366	0.0659	<0.00100	<0.00100	<0.00200	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500
B-11	02/18/00	0.0386	0.985	0.00408	0.130	0.214	0.0959	ND	0.0034	0.00047	0.356
	05/23/00	0.0219	0.236	ND	0.0258	0.0407	0.0172	ND	0.00233	ND	0.0732
	08/25/00	0.0292	0.0809	ND	0.00543	0.00765	0.00398	ND	ND	ND	0.0273
	11/30/00	0.0277	0.113	ND	0.00986	0.0127	0.00575	ND	0.00146	ND	0.0288
	02/22/01	0.0234	0.0573	ND	ND	ND	ND	ND	ND	ND	ND
	05/17/01	0.0291	0.0553	ND	ND	ND	ND	ND	ND	ND	ND
	03/30/04	0.0241	0.115	0.00164	0.00904	0.0152	0.00896	<0.000200	<0.00100	<0.00100	0.0315
	03/09/05	0.0265	0.0972	0.00208	0.00534	0.00943	0.00615	<0.000200	<0.00200	<0.00100	0.0261
	06/22/05	0.0269	0.106	<0.00100	0.00978	0.0123	0.00543	<0.000200	<0.00200	<0.00100	0.0258
	09/21/05	0.0308	0.0603	<0.00100	0.00182	0.00313	0.00166	<0.000200	<0.00200	<0.00100	0.00732
B-14	02/18/00	0.0367	0.297	0.0006	0.029	0.053	0.0403	0.000095	0.00134	0.00016	0.0874
	05/23/00	0.0327	0.155	ND	0.0152	0.0264	0.0186	ND	0.00168	ND	0.0421
	08/25/00	0.0300	0.0774	ND	0.00175	0.00339	0.00568	ND	0.00113	ND	0.0207
	11/30/00	0.0292	0.0724	ND	ND	ND	0.00326	ND	0.00124	ND	ND
	02/22/01	0.0299	0.0603	ND	ND	0.00202	0.00102	ND	0.00104	ND	0.00696
	05/17/01	0.0373	0.0553	ND	ND	ND	ND	ND	ND	ND	ND
B-19	03/20/03	0.0453	0.0693	ND	ND	ND	ND	ND	ND	ND	ND
	09/29/03	0.0404	0.208	ND	0.0203	0.0297	0.00909	0.000234	ND	ND	0.0577
	03/29/04	0.0435	0.104	<0.00100	0.00487	0.00831	0.00279	<0.000200	<0.00100	<0.00100	0.0192
	03/09/05	0.0407	0.210	<0.00100	0.0181	0.0307	0.00918	<0.000200	<0.00200	<0.00100	0.0545
	06/22/05	0.0478	0.223	<0.00100	0.0265	0.0370	0.00922	<0.000200	<0.00200	<0.00100	0.0633
	09/22/05	0.0481	0.101	<0.00100	0.00347	0.0060	0.00159	<0.000200	<0.00200	<0.00100	0.0105
	03/14/06	0.0523	0.113	<0.00100	0.00391	0.0057	0.00167	<0.000200	<0.00200	<0.00100	0.0117

COPPOR0008026

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
B-20	03/20/03	0.0107	0.0459	ND	0.00109	0.00389	ND	ND	ND	ND	0.00501
	09/29/03	0.130	4.35	0.0494	0.808	1.14	0.643	0.000934	0.00840	ND	3.96
	03/30/04	0.00165	0.0417	<0.00100	0.00184	0.00508	0.00121	<0.00200	<0.00100	<0.00100	0.00910
	03/09/05	0.0360	0.0795	<0.00100	0.00113	0.00212	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500
	09/22/05	0.0374	0.0691	<0.00100	<0.00100	<0.00200	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500
B-21	09/19/01	0.0306	0.107	ND	0.00833	0.0107	0.00322	ND	ND	ND	0.0259
	03/21/02	0.0405	0.0662	ND	ND	ND	ND	ND	ND	0.00109	0.00852
	09/24/02	0.0412	0.0695	ND	ND	ND	ND	ND	ND	ND	ND
	03/20/03	0.0740	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/29/03	0.0474	0.0759	ND	ND	ND	ND	ND	ND	ND	ND
	03/29/04	0.0469	0.132	<0.00100	0.00984	0.0141	0.00478	<0.00200	<0.00100	<0.00100	0.0340
	03/08/05	0.0559	0.179	<0.00100	0.0143	0.0188	0.00535	<0.000200	<0.00200	<0.00100	0.0374
	09/22/05	0.0554	0.0884	<0.00100	<0.00100	<0.00200	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500
	03/15/06	0.0531	0.0866	<0.00100	0.00102	<0.00200	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500
B-26	03/30/04	0.00345	0.232	0.0305	0.0220	0.0485	0.0415	<0.000200	<0.00100	<0.00100	0.140
	03/09/05	0.0345	0.0852	0.00411	0.00274	0.00801	0.00696	<0.000200	<0.00200	<0.00100	0.0176
	06/22/05	0.0397	0.146	0.0130	0.0152	0.0319	0.0208	<0.000200	<0.00200	<0.00100	0.0689
	09/22/05	0.0351	0.0812	0.00601	0.00320	0.0103	0.00754	<0.000200	<0.00200	<0.00100	0.0261
B-28	02/18/00	0.0122	0.422	0.00368	0.0437	0.104	0.0496	0.000088	0.00156	0.00025	0.165
	05/23/00	0.00956	0.245	0.00144	0.0258	0.0468	0.0205	ND	0.00277	ND	0.0913
	08/25/00	0.00530	0.120	ND	0.00825	0.0152	0.00565	ND	0.00134	ND	0.0504
	11/30/00	0.0179	0.459	ND	0.0421	0.0640	0.0303	ND	0.00271	ND	0.149
	02/23/01	0.00756	0.131	ND	0.00896	0.0142	0.00555	ND	0.00181	ND	0.0363
	05/17/01	0.00561	0.0914	ND	0.00498	0.00737	0.00272	ND	0.00199	ND	0.0200
	09/20/01	0.0434	0.0821	ND	0.00166	0.00546	ND	ND	0.00109	ND	0.00782
	03/21/02	0.00407	0.0692	ND	0.00311	0.0115	0.00292	ND	ND	ND	0.0148
	09/24/02	0.00298	0.0519	ND	ND	ND	ND	ND	0.00244	ND	ND
	03/20/03	0.00220	0.0489	ND	ND	ND	ND	ND	0.00164	ND	ND
	09/30/03	0.0219	0.483	0.00173	0.0572	0.109	0.0404	ND	ND	ND	0.205
	03/29/04	0.00600	0.111	0.00118	0.00942	0.0287	0.00852	<0.000200	<0.00100	<0.00100	0.0341
	09/21/05	0.00508	0.0838	<0.00100	0.00364	0.00980	0.00268	<0.000200	<0.00200	<0.00100	0.0179
	03/14/06	0.00640	0.192	0.00287	0.0316	0.139	0.172	<0.000200	<0.00200	<0.00100	0.451
B-29	09/20/01	0.0110	0.292	ND	0.0286	0.0531	0.0264	ND	0.00385	ND	0.122
	03/21/02	0.00126	0.0600	ND	ND	0.00372	ND	ND	ND	ND	0.00710
	09/24/02	ND	0.0601	ND	ND	ND	ND	ND	0.00103	0.00102	ND
	03/20/03	ND	0.0593	ND	ND	0.00263	ND	ND	0.00143	ND	ND
	09/30/03	0.00332	0.322	0.0133	0.0295	0.167	0.0280	ND	ND	ND	0.125
	03/29/04	0.00528	0.367	0.0206	0.0293	0.162	0.0457	<0.000200	<0.00100	<0.00100	0.146
	09/21/05	0.00308	0.193	0.00290	0.0159	0.059	0.0127	<0.000200	<0.00200	<0.00100	0.0720
	03/14/06	0.00126	0.0986	<0.00100	0.00234	0.00834	0.00352	<0.000200	<0.00200	<0.00100	0.0136

COPPOR00008027

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
B-30	02/18/00	0.0185	0.327	0.0355	0.0269	0.0671	0.0482	ND	0.00265	0.00021	0.238
	05/23/00	0.0141	0.117	0.00978	0.00904	0.0713	0.0108	ND	0.00267	ND	0.0527
	08/25/00	0.0221	0.0497	0.01460	0.00153	0.0176	0.00449	ND	ND	ND	0.0632
	11/30/00	0.0175	0.0513	ND	ND	ND	ND	ND	0.00103	ND	0.0116
	02/23/01	0.0144	0.0704	ND	ND	ND	ND	ND	ND	ND	ND
dup**	02/23/01	0.0140	0.0670	ND	ND	ND	ND	ND	ND	ND	ND
	05/17/01	0.0177	0.0477	ND	ND	ND	ND	ND	0.00175	ND	ND
	09/20/01	0.00211	0.0825	0.00167	0.00347	0.0208	0.0161	ND	0.00190	ND	0.0308
dup	09/20/01	0.0138	0.0564	ND	ND	0.00218	ND	ND	0.00110	ND	ND
	03/21/02	0.0177	0.0438	0.00823	0.00111	0.00533	0.00227	ND	ND	0.00100	0.0191
dup	03/21/01	0.0210	0.0489	0.00302	0.00142	0.00698	0.00458	ND	ND	ND	0.0220
	09/24/02	0.0126	0.0495	ND	ND	ND	ND	ND	0.00197	0.00126	ND
	03/20/03	0.0158	0.0483	ND	ND	ND	ND	ND	ND	ND	ND
dup*	03/20/03	0.0144	0.0486	ND	ND	ND	ND	ND	ND	ND	ND
	09/30/30	0.0238	0.193	0.0221	0.0195	0.0631	0.0392	ND	ND	ND	0.159
dup***	09/30/30	0.0267	0.276	0.0301	0.0268	0.0842	0.0574	ND	ND	ND	0.211
	03/29/04	0.0183	0.0529	0.00229	0.00106	0.00405	0.00330	<0.000200	<0.00100	<0.00100	0.00752
	09/21/05	0.0179	0.0567	0.00180	<0.00100	0.00501	0.00332	<0.000200	<0.00200	<0.00100	0.0113
dup****	09/21/05	0.0177	0.0544	<0.00100	0.00117	0.00384	0.00294	<0.000200	<0.00200	<0.00100	0.0106
	03/14/06	0.0206	0.0668	<0.00100	<0.00100	0.00269	0.00202	<0.000200	<0.00200	<0.00100	0.00557
dup	03/14/06	0.0204	0.0692	0.00102	0.00103	0.00323	0.00255	<0.000200	<0.00200	<0.00100	0.00750
B-32	03/20/03	0.00367	0.0429	ND	0.00110	ND	ND	ND	ND	ND	ND
	09/29/03	0.122	6.84	0.0170	1.04	1.64	1.15	0.000754	0.0190	ND	3.74
	03/29/04	0.00917	0.434	0.00202	0.0615	0.108	0.0387	0.000221	0.0224	<0.00100	0.215
	03/09/05	0.00780	0.128	<0.00100	-	0.0180	0.00680	<0.000200	0.00203	<0.00100	0.0394
	09/22/05	0.0100	0.227	<0.00100	0.0230	0.0336	0.01180	<0.000200	<0.00200	<0.00100	0.0737
	03/15/06	0.00684	0.0823	<0.00100	0.00316	0.00551	0.00222	<0.000200	<0.00200	<0.00100	0.0110
B-33	03/20/03	0.00483	0.0430	ND	0.00437	0.0114	0.0124	ND	ND	ND	0.0223
	09/30/03	0.0342	0.242	0.00699	0.0711	0.248	0.128	ND	0.00124	ND	0.385
	03/30/04	0.0155	0.199	0.00830	0.0451	0.164	0.110	<0.00200	<0.00100	<0.00100	0.389
	03/09/05	0.0264	0.175	0.00106	0.0342	0.0668	0.0513	<0.000200	0.00204	<0.00100	0.157
	06/22/05	0.0156	0.140	<0.00100	0.0221	0.0560	0.0264	<0.000200	<0.00200	<0.00100	0.0998
	09/22/05	0.0237	0.111	<0.00100	0.00916	0.0250	0.0109	<0.000200	<0.00200	<0.00100	0.0484
	03/15/06	0.00579	0.0494	<0.00100	0.00261	0.00665	0.00441	<0.000200	<0.00200	<0.00100	0.0683
CR-1	09/21/01	0.0143	0.0606	ND	0.00203	0.00468	0.00283	ND	0.00118	ND	0.00846
	03/21/02	0.00173	0.0188	ND	0.00113	0.00397	ND	ND	ND	ND	0.0163
	09/24/02	0.00204	0.0274	ND	ND	ND	ND	ND	ND	ND	0.00609
	03/20/03	0.0119	0.0300	ND	0.00156	0.0112	0.00211	ND	ND	ND	0.0179
	09/30/03	0.00832	0.0479	ND	0.00249	0.00836	0.00391	ND	0.00189	ND	0.0139
	03/30/04	0.00210	0.261	0.00583	0.0220	0.0535	0.0676	<0.000200	<0.00100	<0.00100	0.212
	03/08/05	0.00167	0.0245	<0.00100	<0.00100	0.00262	<0.00100	<0.000200	<0.00200	<0.00100	0.0102
	09/21/05	0.00325	0.0215	<0.00100	<0.00100	0.00231	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500

COPPOR00008028

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
CR-3	03/09/05	0.0156	0.414	0.00283	0.0239	0.0591	0.0410	<0.000200	<0.00200	<0.00100	0.216
	06/22/05	0.0259	0.431	0.00206	0.0414	0.0708	0.0504	<0.000200	<0.00200	<0.00100	0.218
	09/22/05	0.00191	0.0280	<0.00100	<0.00100	0.00346	0.00123	<0.000200	<0.00200	<0.00100	0.00706
CR-8	02/18/00	0.0827	0.762	0.00345	0.0578	0.127	0.0997	ND	0.00321	0.00037	0.404
	05/23/00	0.0256	0.342	0.00312	0.0228	0.0684	0.0365	ND	0.00204	ND	0.155
	08/25/00	0.0203	0.105	ND	0.00697	0.0151	0.0101	ND	ND	ND	0.0442
	11/30/00	0.0167	0.0890	ND	0.00565	0.0149	0.00781	ND	0.00158	ND	0.0331
	02/22/01	0.0215	0.116	ND	0.00485	0.0123	0.00666	ND	ND	ND	0.0288
	05/16/01	0.0135	0.0374	ND	0.00128	0.00231	0.00147	ND	ND	ND	ND
CR-9	02/18/00	0.0167	0.236	0.00026	0.0194	0.0286	0.0156	ND	0.00187	0.0001	0.0769
	05/23/00	0.00298	0.0413	ND	0.003	0.00381	0.00188	ND	0.00112	ND	0.00893
	08/25/00	0.00160	0.0305	ND	ND	0.00143	ND	ND	ND	ND	ND
dup	08/25/00	0.00160	0.0305	ND	ND	0.00170	ND	ND	ND	ND	0.0165
	11/30/00	0.00162	0.0222	ND	ND	ND	ND	ND	0.00283	ND	0.00503
dup	11/30/00	ND	0.0222	ND	ND	ND	ND	ND	0.00114	ND	ND
	02/22/01	ND	0.0235	ND	ND	ND	ND	ND	ND	ND	ND
	05/16/01	0.00142	0.0291	ND	ND	0.00246	ND	ND	ND	ND	ND
	05/16/01	0.00145	0.0339	ND	0.00151	0.00205	ND	ND	ND	ND	ND
CR-11	02/18/00	0.0656	0.440	0.00559	0.0252	0.0571	0.0296	ND	0.00453	0.00014	0.123
	05/23/00	0.0493	0.382	0.00659	0.0358	0.0685	0.0391	ND	0.00321	ND	0.168
	08/25/00	0.0631	0.0834	ND	0.00101	0.00325	0.00137	ND	0.00183	ND	0.0179
	11/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/22/01	0.0536	0.126	ND	0.00104	0.00356	ND	ND	0.00324	ND	0.00784
	05/16/01	0.0587	0.111	ND	0.00362	0.00628	0.00314	ND	0.00243	ND	0.0193
CR-26	03/09/05	0.143	0.319	<0.00100	0.0182	0.0229	0.0109	<0.000200	0.00209	<0.00100	0.0670
	06/22/05	0.157	0.212	<0.00100	0.00599	0.00661	0.00268	<0.000200	<0.00200	<0.00100	0.0175
	09/22/05	0.210	0.164	<0.00100	<0.00100	<0.00200	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500

COPPOR0008029

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
KINDER MORGAN											
MW-8	02/16/00	0.00974	0.0566	0.00073	0.00396	0.00476	0.00569	ND	ND	ND	0.0344
	05/31/00	0.00348	0.0226	ND	ND	ND	ND	ND	ND	ND	0.00788
	08/24/00	0.0136	0.0381	ND	ND	ND	ND	ND	ND	ND	0.00799
	12/01/00	0.0177	0.0710	0.00236	0.00195	0.00272	0.00250	ND	0.00239	ND	0.0207
	02/22/01	0.0111	0.0249	ND	0.00130	0.00234	ND	ND	ND	ND	0.00720
	05/16/01	0.00942	0.0308	ND	ND	0.00119	ND	ND	ND	ND	ND
dup	05/16/01	0.00931	0.0316	ND	ND	0.00135	ND	ND	ND	ND	0.0208
	09/21/01	0.0168	0.0637	0.00141	0.00219	0.00350	ND	ND	ND	ND	0.0138
	03/14/02	0.00198	0.0213	ND	ND	0.00376	ND	ND	ND	ND	0.00824
dup	03/14/02	0.00281	0.0220	ND	ND	0.00337	ND	ND	ND	ND	0.0115
	09/27/02	0.0116	0.0592	0.00130	0.00258	0.00514	0.00294	ND	ND	ND	0.0230
	03/18/03	0.00412	0.0408	ND	ND	NS	ND	ND	ND	ND	NS
dup	03/18/03	0.00352	0.0408	ND	ND	NS	ND	ND	ND	ND	NS
	09/24/03	0.01080	0.0281	ND	ND	ND	ND	ND	ND	ND	0.00670
	03/30/04	0.00150	0.0238	<0.00100	<0.00100	<0.00200	<0.00100	<0.000200	<0.00100	<0.00100	0.0107
	09/27/04	0.0160	0.0858	0.00268	0.00598	0.00898	0.00562	<0.000200	<0.00100	<0.00100	0.0613
dup	09/27/04	0.0167	0.110	0.00395	0.00454	0.0130	0.00705	<0.000200	<0.00100	<0.00100	0.0888
	03/29/05	0.00373	0.0147	0.00146	0.000360	0.00164	0.00115	<0.000200	<0.00100	<0.00100	0.0229
	09/21/05	0.00867	0.0258	0.00128	<0.00100	0.00425	0.00181	<0.000200	<0.00200	<0.00100	0.0217
	03/15/06	0.00216	0.0244	<0.00100	<0.00100	0.00234	<0.00100	<0.000200	<0.00200	<0.00100	0.0234
dup	03/15/06	0.00164	0.0245	<0.00100	<0.00100	0.00204	<0.00100	<0.000200	<0.00200	<0.00100	0.0222
MW-10	02/16/00	0.0311	0.266	0.00027	0.025	0.0493	0.0256	ND	0.00200	<0.00100	0.113
	05/31/00	0.0158	0.199	ND	0.0155	0.0292	0.0182	ND	0.00179	ND	0.0756
	08/24/00	0.0196	0.0518	ND	ND	ND	ND	ND	0.00130	ND	0.00549
	12/01/00	0.0284	0.0284	ND	0.00424	0.00704	0.00437	ND	0.00125	ND	0.0181
	02/22/01	0.0222	0.0670	ND	0.00169	0.00331	0.00102	ND	ND	ND	0.00893
	05/16/01	0.0199	0.0729	ND	ND	ND	ND	ND	ND	ND	ND
MW-11	02/16/00	0.0677	0.398	0.00018	0.0344	0.0672	0.0786	0.000065	0.00134	0.00015	0.168
	05/31/00	0.0595	0.454	ND	0.0291	0.0577	0.0705	0.000201	0.00296	ND	0.153
	08/24/00	0.0509	0.111	ND	0.00484	0.00828	0.0210	ND	0.00315	ND	0.0203
	12/01/00	0.0478	0.125	ND	0.00719	0.0114	0.0372	ND	0.00438	ND	0.0311
	02/22/01	0.0509	0.113	ND	0.00590	0.0110	0.0399	ND	ND	ND	0.0310
	05/16/01	0.0445	0.0816	ND	0.00184	0.00388	0.0300	ND	ND	ND	0.0158

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
MW-13	02/16/00	0.017	0.305	0.00011	0.0285	0.0438	0.0235	ND	0.00072	0.00016	0.130
	05/31/00	0.0115	0.411	ND	0.0264	0.0409	0.0228	ND	0.002	ND	0.114
	08/24/00	0.00331	0.0854	ND	0.00500	0.00817	0.00373	ND	0.00431	ND	0.0207
	12/01/00	0.00384	0.0784	ND	0.00494	0.00752	0.00139	ND	0.00146	ND	0.0201
dup	12/01/00	0.00465	0.0795	ND	0.00504	0.00682	0.00344	ND	0.00162	ND	0.0207
	02/22/01	0.00146	0.0621	ND	0.00409	0.00581	0.00237	ND	ND	ND	0.0176
	05/16/01	0.00174	0.0523	ND	0.00218	0.00308	0.00169	ND	ND	ND	0.0123
MW-15	02/17/00	0.0017	0.0874	0.00004	0.00651	0.00546	0.00206	ND	0.00034	ND	0.0219
dup	02/17/00	0.00152	0.0877	0.00008	0.00655	0.00532	0.0034	-	0.00046	ND	0.021
	05/31/00	ND	0.0941	ND	0.006	0.00597	0.00322	ND	ND	ND	0.0298
	08/24/00	ND	0.141	ND	0.00989	0.00879	0.00420	ND	0.00481	ND	0.0388
	12/01/00	0.00316	0.148	ND	0.0133	0.0120	0.00697	ND	0.00115	ND	0.0534
	02/22/01	0.00129	0.108	ND	0.00840	0.00951	0.00664	ND	ND	ND	0.208
	05/16/01	ND	0.0681	ND	0.00126	0.00154	0.00113	ND	ND	ND	0.0246
MW-21	02/17/00	0.004	0.188	0.00219	0.00777	0.0091	0.00988	ND	0.00071	ND	0.0459
	05/30/00	0.00599	0.335	0.00701	0.0196	0.0248	0.0247	ND	0.00185	ND	0.126
	08/23/00	0.00339	0.185	ND	0.00202	0.00295	0.00126	ND	0.00153	ND	0.0140
	12/01/00	0.00344	0.141	0.00148	ND	ND	ND	ND	0.00176	ND	0.0140
	02/22/01	0.00350	0.184	ND	0.00117	ND	ND	ND	ND	ND	0.0107
	05/16/01	0.00471	0.0219	ND	ND	0.00127	0.00103	ND	ND	ND	0.0182
MW-22	02/17/00	0.0928	0.251	0.00017	0.0121	0.00834	0.0391	ND	0.00121	ND	0.0492
dup	02/17/00	-	-	-	-	-	-	ND	-	-	-
	05/30/00	0.0945	0.244	ND	0.0097	0.0095	0.0216	ND	0.00242	ND	0.0388
	08/23/00	0.104	0.194	ND	0.00125	0.00201	0.00695	ND	0.00274	ND	ND
	12/01/00	0.0831	0.295	ND	0.00199	0.00213	0.0105	ND	0.00300	ND	0.0265
	02/21/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/16/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
MW-23	02/17/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/30/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	08/23/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/30/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	02/22/01	0.00909	0.0582	ND	0.00175	0.00817	0.00441	ND	ND	ND	0.00983
	05/16/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S

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TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
MW-25	09/21/01	0.0563	0.0958	ND	0.00339	0.00365	0.00411	ND	ND	ND	0.0258
	03/14/02	0.0406	0.115	ND	0.00573	0.00832	0.00969	ND	ND	0.00115	0.0278
	09/27/02	0.116	0.186	ND	0.00606	0.00897	0.00990	ND	ND	ND	0.0334
	03/18/03	0.0386	0.0440	ND	ND	NS	ND	ND	0.00115	0.00110	NS
	09/24/03	0.0661	0.181	0.00125	0.0144	0.0230	0.0201	ND	0.00179	ND	0.0712
	03/30/04	0.0521	0.0580	<0.00100	0.00157	<0.00200	<0.00115	<0.000200	<0.00100	<0.00100	0.00810
	09/27/04	0.0712	0.140	<0.00100	0.00506	0.0112	0.0112	<0.000200	<0.00100	<0.00100	0.0304
	03/28/05	0.0616	0.0941	<0.00100	0.00116	0.00253	0.00474	<0.000200	0.000400	<0.00100	0.0118
	09/21/05	0.0622	0.0647	<0.00100	0.00140	0.00299	0.00189	<0.000200	<0.00200	<0.00100	0.00838
	03/15/06	0.0607	0.0701	<0.00100	<0.00100	0.00469	0.00183	<0.000200	<0.00200	<0.00100	0.00920
MW-26	02/17/00	0.0474	0.0943	0.00005	0.00468	0.00368	0.00342	ND	0.0006	ND	0.0141
dup	02/17/00	0.0487	0.0904	0.0005	0.00434	0.00496	0.00312	ND	0.00033	ND	0.0422
	05/30/00	0.0443	0.102	ND	0.00453	0.00501	0.00492	ND	ND	ND	0.0162
	08/23/00	0.0530	0.0594	ND	0.00218	0.00249	0.00228	ND	ND	ND	ND
dup	08/23/00	0.0576	0.0642	ND	0.00227	0.00384	0.00228	ND	ND	ND	0.00791
	12/01/00	0.0526	0.0620	ND	0.00158	ND	0.00254	ND	0.00116	ND	0.00796
	02/21/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/17/01	0.0590	0.0678	ND	0.00221	0.00170	0.00225	ND	ND	ND	0.0120
	09/27/02	0.0450	0.0524	ND	0.00123	ND	0.00220	ND	ND	ND	0.0169
	03/18/03	0.0205	0.0670	ND	ND	NS	ND	ND	ND	0.00109	
	09/24/03	0.0510	0.0512	ND	ND	ND	0.00214	ND	ND	ND	0.00507
	03/30/04	0.0431	0.0661	<0.00100	<0.00100	<0.00100	0.00102	<0.000200	<0.00100	<0.00100	<0.00500
	09/27/04	0.0657	0.0662	<0.00100	0.00206	0.00448	0.00654	<0.000200	<0.00100	<0.00100	0.0188
	03/28/05	0.0554	0.0749	0.00104	0.00129	0.00313	0.00586	<0.000200	0.000530	<0.00100	0.0158
	09/21/05	0.0623	0.0462	<0.00100	<0.00100	<0.00200	0.00122	<0.000200	<0.00200	<0.00100	<0.00500
	03/15/06	0.0476	0.0771	<0.00100	<0.00100	<0.00200	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500
MW-28	02/16/00	0.00032	0.00803	ND	0.00047	0.002	0.00387	ND	ND	ND	0.0172
	05/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	08/23/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	11/30/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/21/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/16/01	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
MW-31	02/16/00	0.00504	0.016	ND	0.00042	0.00222	0.00135	ND	ND	ND	0.00218
	05/30/00	0.00664	0.019	ND	ND	ND	ND	ND	ND	ND	ND
	08/23/00	0.0181	0.0200	ND	ND	ND	ND	ND	ND	ND	ND
	12/01/00	0.0134	0.0179	ND	ND	ND	0.00280	ND	ND	ND	ND
	02/22/01	0.0148	0.0228	ND	ND	ND	ND	ND	ND	ND	0.00723
	05/17/01	0.0150	0.0210	ND	ND	ND	0.00244	ND	ND	ND	0.0132

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TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
MW-32	02/16/00	0.00071	0.0189	0.00007	0.00297	0.00399	0.00309	ND	ND	ND	0.00603
	05/30/00	0.00147	0.0268	ND	0.00195	0.0043	0.00159	ND	ND	ND	0.0069
	08/23/00	ND	0.0147	ND	ND	0.00251	ND	ND	ND	ND	ND
	12/01/00	0.00193	0.0142	ND	ND	ND	ND	ND	0.00120	ND	ND
	02/22/01	ND	0.00921	ND	0.00119	ND	ND	ND	ND	ND	ND
	05/16/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-33	02/16/00	0.00842	0.0768	0.00006	0.00162	0.00423	0.00368	ND	ND	ND	0.00746
	05/30/00	0.00655	0.111	ND	0.00179	0.00338	0.00154	ND	ND	ND	0.00721
	08/24/00	0.0103	0.227	ND	0.00104	0.00246	ND	ND	0.00259	ND	ND
	11/30/00	0.0580	0.563	ND	0.00223	0.00343	ND	ND	0.00163	ND	0.00882
	02/22/01	0.0142	0.0910	ND	0.00179	0.00339	0.00103	ND	ND	ND	0.00944
dup	02/22/01	0.0142	0.104	ND	0.00188	0.00390	0.00155	ND	ND	ND	0.0110
	05/16/01	0.0178	0.184	ND	ND	0.00128	ND	ND	ND	ND	ND
	09/21/01	0.0100	0.0757	ND	ND	ND	ND	ND	0.00151	ND	ND
	03/14/02	0.00975	0.0722	ND	ND	ND	ND	ND	ND	0.00202	ND
	09/27/02	0.0302	0.356	ND	0.00206	0.00303	0.00136	ND	ND	ND	0.0205
	03/18/03	0.00867	0.0401	ND	ND	NS	ND	ND	ND	0.00140	NS
	09/24/03	0.0232	0.191	ND	ND	ND	ND	ND	ND	ND	ND
	03/29/04	0.0124	0.0552	<0.00100	0.00114	<0.00200	<0.00100	<0.000200	<0.00100	<0.00100	<0.00500
	09/27/04	0.132	1.41	<0.00200	0.00628	0.0135	<0.00200	0.000490	<0.00200	<0.00200	0.0319
	03/29/05	0.00757	0.325	<0.00100	0.000360	0.00244	0.000210	<0.000200	<0.00100	<0.00100	0.00737
	09/21/05	0.0181	0.398	<0.00100	0.00165	0.00290	<0.00100	<0.000200	<0.00200	<0.00100	0.00580
dup	09/21/05	0.0163	0.366	<0.00100	0.00151	0.00292	<0.00100	<0.000200	<0.00200	<0.00100	0.00516
	03/15/06	0.0112	0.0588	<0.00100	<0.00100	<0.00200	<0.00100	<0.000200	<0.00200	<0.00100	0.00600
MW-34	09/21/01	0.0697	0.381	0.00239	0.0143	0.144	0.0146	ND	0.00146	ND	0.104
	03/14/02	0.0376	0.178	ND	0.00582	0.0132	0.00549	ND	ND	0.00151	0.0321
	09/27/02	0.162	0.670	0.00164	0.0264	0.0676	0.0226	ND	0.00130	ND	0.126
	03/18/03	0.0148	0.0934	ND	0.00602	NS	0.00541	ND	ND	0.00113	NS
	09/24/03	0.0109	0.0654	ND	0.00106	0.00236	0.00117	ND	ND	ND	0.00994
	03/29/04	0.00364	0.0350	<0.00100	0.00114	<0.00200	<0.00100	<0.000200	<0.00100	<0.00100	<0.00500
	09/27/04	0.0879	0.355	<0.00100	0.0114	0.0285	0.0111	<0.000200	0.00131	<0.00100	0.0547
dup	03/29/05	0.0126		<0.00100	0.000530	0.00475	0.00158	<0.000200	0.000350	<0.00100	0.0127
	03/29/05	0.0125	0.0756	<0.00100	0.000460	0.00382	0.00148	<0.000200	0.000430	<0.00100	0.0119
	09/21/05	0.0537	0.133	<0.00100	0.00105	0.00354	0.00113	<0.000200	<0.00200	<0.00100	0.00754
	03/15/06	0.00590	0.0572	<0.00100	0.00308	0.00329	0.00246	<0.000200	<0.00200	<0.00100	0.0132

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TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
MW-36	02/16/00	0.0146	0.0575	0.00005	0.00413	0.00614	0.00355	ND	0.00022	ND	0.0131
	05/31/00	0.0149	0.0512	ND	0.0018	0.00308	ND	ND	ND	ND	ND
	08/24/00	0.0187	0.0570	ND	ND	0.00222	ND	ND	0.00111	ND	0.0108
	11/30/00	0.0225	0.0701	ND	ND	ND	ND	ND	0.00147	ND	ND
	02/21/01	0.0201	0.0560	ND	0.00151	0.00280	ND	ND	ND	ND	0.00677
	05/16/01	0.0297	0.0826	ND	ND	0.0169	ND	ND	ND	ND	0.0149
	09/21/01	0.0168	0.0541	ND	ND	ND	ND	ND	0.00108	ND	ND
	03/13/02	0.00442	0.0252	ND	ND	0.00297	ND	ND	ND	ND	0.0122
	03/18/03	0.00541	0.0316	ND	0.00122	NS	ND	ND	ND	ND	NS
	09/24/03	0.0436	0.116	ND	0.00103	0.00234	ND	ND	ND	ND	ND
	3/29/04	0.0108	0.0339	<0.00100	0.00131	0.00385	0.00144	<0.000200	<0.00100	<0.00100	<0.00500
	9/27/2004	0.0320	0.0679	<0.00100	0.00238	0.00739	0.00334	<0.000200	0.00140	<0.00100	0.00675
	09/21/05	0.0336	0.0567	<0.00100	<0.00100	0.00307	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500
	03/15/06	0.00590	0.0238	<0.00100	<0.00100	0.00384	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500
MW-37	02/16/00	0.0184	0.0748	0.00022	0.00721	0.0118	0.00469	ND	0.00032	ND	0.0184
	05/30/00	0.0199	0.0567	ND	0.00356	0.00572	0.0018	ND	0.00158	ND	0.0111
dup	05/30/00	0.0189	0.0586	ND	0.00408	0.00637	0.00205	ND	ND	ND	0.0121
	08/24/00	0.0227	0.0453	ND	ND	ND	ND	ND	0.00158	ND	0.00598
	11/30/00	0.0221	0.0693	ND	0.00419	0.00605	0.00353	ND	0.00123	ND	0.0123
	02/21/01	0.0223	0.0404	ND	0.00153	0.00206	ND	ND	ND	ND	0.00526
	05/16/01	0.0209	0.0403	ND	ND	ND	ND	ND	ND	ND	ND
	09/21/01	0.0222	0.0432	ND	0.00127	ND	0.00147	ND	ND	ND	ND
	09/27/02	0.0190	0.0429	ND	ND	ND	ND	ND	ND	ND	ND
dup	09/27/02	0.0194	0.0423	ND	ND	ND	ND	ND	ND	ND	0.00923
	03/18/03	0.00864	0.0259	ND	ND	NS	ND	ND	ND	0.00141	NS
	09/27/04	0.0242	0.0679	<0.00100	0.00308	0.00565	0.00334	<0.000200	<0.00100	<0.00100	0.0181
	03/29/05	0.0153	0.0300	<0.00100	0.000230	<0.00100	0.000580	<0.000200	<0.00100	<0.00100	0.00449
	09/21/05	0.0194	0.0390	<0.00100	<0.00100	<0.00200	0.00144	<0.000200	<0.00200	<0.00100	<0.00500
	03/15/06	0.0120	0.0493	<0.00100	<0.00100	<0.00200	0.00141	<0.000200	<0.00200	<0.00100	0.00959
MW-39	03/29/04	0.0174	0.110	<0.00100	0.00988	0.0163	0.00823	<0.000200	<0.00100	<0.00100	0.0346
	09/27/04	0.0304	0.281	<0.00100	0.0248	0.0832	0.0190	<0.000200	0.00140	<0.00100	0.113
	09/21/05	0.0199	0.0891	<0.00100	0.00218	0.0110	0.00238	<0.000200	<0.00200	<0.00100	0.0139

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TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
MW-40	02/16/00	0.0221	0.185	0.00011	0.0202	0.0289	0.0254	ND	0.00047	0.00012	0.0669
	05/30/00	0.025	0.107	ND	0.00783	0.0107	0.00837	ND	ND	ND	0.0245
	08/24/00	0.0270	0.123	ND	0.00162	0.00316	0.00141	ND	0.00385	ND	0.0160
	11/30/00	0.0319	0.144	ND	0.00433	0.00734	0.00491	ND	0.00187	ND	0.0178
	02/21/01	0.0387	0.119	ND	0.00375	0.00607	0.00330	ND	ND	ND	0.0183
	05/16/01	0.0239	0.102	ND	0.00224	0.00314	0.00193	ND	ND	ND	0.00862
	09/21/01	0.0248	0.106	ND	0.00306	0.00343	0.00254	ND	0.00232	ND	0.0107
	03/13/02	0.0126	0.0538	ND	0.00197	0.00336	0.00194	ND	ND	ND	0.0124
	09/27/02	0.0281	0.219	ND	0.00881	0.0104	0.00808	ND	ND	ND	0.0250
	03/18/03	0.0174	0.0485	ND	0.00135	NS	0.00130	ND	ND	ND	NS
	09/24/03	0.0448	0.254	ND	0.00895	0.0131	0.0316	ND	ND	ND	0.0326
dup	09/24/03	0.0678	0.397	ND	0.0179	0.0249	0.0538	ND	ND	ND	0.0627
	03/29/04	0.0190	0.0897	<0.00100	0.00124	0.00264	0.00124	<0.000200	<0.00100	<0.00100	<0.00500
dup	03/29/04	0.0178	0.0797	<0.00100	0.00719	<0.00200	0.00128	<0.000200	<0.00100	<0.00100	<0.00500
	9/27/2004	0.0611	0.343	<0.00100	0.0179	0.0293	0.0308	<0.000200	<0.00100	<0.00100	0.0764
	3/29/2005	0.0198	0.0627	<0.00100	0.000380	0.00360	0.00229	<0.000200	0.000480	<0.00100	0.00718
	09/21/05	0.0295	0.0807	<0.00100	<0.00100	0.00434	0.00126	<0.000200	<0.00200	<0.00100	0.00592
	03/15/06	0.0162	0.0540	<0.00100	0.00139	0.00368	0.00157	<0.000200	<0.00200	<0.00100	0.00758

COPPOR0008035

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
CONOCOPHILLIPS											
B-4	05/26/00	0.035	0.245	ND	0.0275	0.0425	0.014	ND	ND	ND	0.075
dup	05/26/00	0.0367	0.259	ND	0.0283	0.0443	0.0147	ND	ND	ND	0.0785
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/29/00	0.0316	0.106	ND	0.00532	0.00968	0.00285	ND	0.00165	ND	0.0176
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/26/02	0.0308	0.0999	ND	0.00541	0.00885	0.00272	ND	0.00129	ND	0.0259
	09/25/03	0.0316	0.0928	ND	0.00258	0.00497	0.00155	ND	0.00129	ND	0.0147
B-17	02/17/00	0.0579	0.549	0.00036	0.091	0.140	0.0676	ND	0.00152	0.00028	0.215
	05/26/00	0.0509	0.195	ND	0.0191	0.029	0.0171	ND	0.00126	ND	0.0485
	08/28/00	0.0532	0.113	ND	0.00279	0.00417	0.00660	ND	ND	ND	0.0120
	11/29/00	0.0525	0.111	ND	0.00217	0.00695	0.00636	ND	0.00220	ND	0.00979
	02/23/01	0.0519	0.0821	ND	0.00130	0.00302	0.00470	ND	ND	ND	0.00966
dup	02/23/01	0.0511	0.0885	ND	0.00305	0.00691	0.00535	ND	0.00119	ND	0.0143
	05/17/01	0.0656	0.125	ND	0.00518	0.00746	0.00812	ND	ND	ND	0.0287
dup	05/17/01	0.0650	0.114	ND	0.00406	0.00546	0.00718	ND	0.00126	ND	0.0150
B-18	02/17/00	0.0223	0.507	0.00044	0.0797	0.110	0.0293	0.000098	0.00158	0.00022	0.174
	05/26/00	0.0228	0.203	ND	0.0211	0.0313	0.00922	ND	ND	ND	0.0558
	08/28/00	0.0221	0.130	0.00111	0.00563	0.00684	0.00315	ND	ND	ND	0.0270
	11/29/00	0.0171	0.128	ND	0.00238	0.00451	0.00120	ND	0.00153	ND	0.0157
	02/23/01	0.0256	0.118	ND	0.00538	0.0107	0.00294	ND	ND	ND	0.0506
	05/17/01	0.0372	0.138	ND	0.00774	0.00959	0.00310	ND	0.00106	0.00101	0.0309
B-22	02/17/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/26/00	0.0255	0.126	ND	0.0105	0.0187	0.00561	ND	ND	ND	0.0385
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/29/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F

COPPOR0008036

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
B-35	02/17/00	0.0602	0.480	0.00062	0.0893	0.122	0.0828	ND	0.00164	0.00021	0.311
	05/26/00	0.0102	0.116	ND	0.00786	0.0114	0.00264	ND	0.0013	ND	0.0233
	08/28/00	0.0377	0.128	0.00153	0.00467	0.00612	0.00643	ND	ND	ND	0.0339
	11/29/00	0.0468	0.131	ND	0.00316	0.00691	0.00619	ND	0.00212	ND	0.0208
	02/23/01	0.0347	0.0816	ND	0.00200	0.00380	0.00305	ND	0.00100	ND	0.0308
	05/17/01	0.0504	0.153	ND	0.0107	0.0141	0.0106	ND	ND	ND	0.0511
	09/20/01	0.0344	0.0901	ND	0.00178	0.00420	0.00160	ND	ND	ND	0.00632
	03/14/02	0.0335	0.308	ND	0.0463	0.0534	0.0298	ND	0.00139	0.00145	0.146
	09/26/02	0.0296	0.225	ND	0.0298	0.0314	0.0147	ND	0.00131	ND	0.0816
	03/18/03	0.0387	0.0958	ND	0.00155	0.00422	0.00277	ND	ND	ND	0.00700
	09/25/03	0.0517	0.132	ND	0.00334	0.00631	0.00536	ND	ND	ND	0.0171
	03/30/04	0.0291	0.135	<0.00100	0.0119	0.0149	0.00779	<0.000200	<0.00100	<0.00100	0.0152
	09/28/04	0.0422	0.182	<0.00100	0.00829	NA	0.00893	0.00171	<0.00100	<0.00100	NA
	03/28/05	0.0381	0.160	<0.00100	0.0124	0.0180	0.0156		<0.00100	<0.00100	0.0776
	09/20/05	0.0426	0.282	<0.00100	0.0329	0.0408	0.0306	<0.000200	<0.00200	<0.00100	0.107
	03/14/06	0.0423	0.105	<0.00100	0.00192	0.00534	0.00285	<0.000200	<0.00200	<0.00100	0.0396
B-36	02/17/00	0.0105	0.168	0.00021	0.0222	0.0306	0.00779	ND	0.00064	ND	0.0551
	05/26/00	0.0105	0.120	ND	0.00819	0.012	0.00251	ND	ND	ND	0.025
	08/28/00	0.0224	0.156	ND	0.00784	0.00876	0.00322	ND	ND	ND	0.0474
	11/29/00	0.0223	0.130	ND	0.00525	0.00834	0.00171	ND	0.00202	ND	0.0171
	02/23/01	0.0488	0.174	ND	0.00371	0.00666	0.00142	ND	0.00234	ND	0.0244
	05/17/01	0.0387	0.476	ND	0.05720	0.06960	0.01650	ND	0.00301	ND	0.138
	09/20/01	0.0185	0.0861	ND	0.00154	0.00302	ND	ND	ND	ND	0.00761
dup	09/20/01	0.0204	0.0974	ND	0.00294	0.00411	ND	ND	ND	ND	0.0132
	03/14/02	0.00840	0.0901	ND	0.00874	0.0114	0.00271	ND	ND	ND	0.0294
	09/26/02	0.0170	0.109	ND	0.00688	0.00910	0.00440	ND	ND	ND	0.0334
	03/18/03	0.00402	0.0409	ND	0.00234	0.00393	0.00144	ND	ND	ND	0.00729
	09/25/03	0.0200	0.0644	ND	ND	ND	ND	ND	0.00105	ND	ND
	03/30/04	0.00719	0.0586	<0.00100	0.00313	0.00580	0.00149	<0.000200	<0.00100	<0.00100	0.0152
	09/28/04	0.0233	0.112	<0.00100	0.00349	NA	0.00120	0.000285	<0.00100	<0.00100	NA
dup	09/28/04	0.0221	0.0814	<0.00100	0.00222	NA	<0.00100	<0.000200	<0.00100	<0.00100	NA
	03/28/05	0.0240	0.104	<0.00100	0.00367	0.00482	0.00153		<0.00100	<0.00100	0.0195
	09/20/05	0.0205	0.103	<0.00100	0.00450	0.00637	0.00145	<0.000200	<0.00200	<0.00100	0.0132
	03/14/06	0.00803	0.0401	<0.00100	<0.00100	0.00331	<0.00100	<0.000200	<0.00200	<0.00100	0.00531

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TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
B-37	02/17/00	0.369	0.152	0.00033	0.0159	0.0297	0.00705	ND	0.00159	ND	0.0544
dup	02/17/00	0.327	0.0344	0.0004	0.00066	0.00145	0.00236	ND	0.00025	ND	0.00159
	05/26/00	0.418	0.092	ND	0.00526	0.0131	0.00234	ND	ND	ND	0.0215
	08/28/00	0.897	0.227	ND	0.00462	0.00938	0.00209	ND	ND	ND	0.0303
	11/29/00	0.391	0.0990	ND	0.00221	0.00608	ND	ND	0.00132	ND	0.0120
	02/23/01	0.198	0.0747	ND	ND	0.00339	ND	ND	ND	ND	0.0170
	05/17/01	0.521	0.168	ND	0.00408	0.00984	0.00164	ND	ND	ND	0.0355
	03/14/02	0.0869	0.252	ND	0.0170	0.0409	0.00746	ND	ND	ND	0.0764
	09/26/02	0.117	0.119	ND	0.00603	0.0100	0.00625	ND	ND	ND	0.0348
	03/18/03	0.0758	0.121	ND	0.00829	0.0178	0.00429	ND	ND	0.00222	0.0539
dup	03/18/03	0.0683	0.0958	ND	0.00572	0.0115	0.00288	ND	ND	0.00141	0.0364
	09/25/03	0.260	0.158	ND	0.00290	0.00853	0.00119	ND	0.00169	ND	0.0215
dup	09/25/03	0.247	0.182	ND	0.00513	0.0143	0.00217	ND	ND	ND	0.0330
	03/31/04	0.125	0.0546	<0.00100	0.00137	0.00454	0.00131	<0.000200	<0.00100	<0.00100	0.00842
	09/28/04	0.131	0.0784	<0.00100	0.00218	NA	<0.00100	<0.000200	<0.00100	<0.00100	NA
	03/28/05	0.0734	0.0798	<0.00100	0.00187	0.00593	0.00157		<0.00100	<0.00100	0.0270
	09/20/05	0.0802	0.0827	<0.00100	0.00115	0.00229	<0.00100	<0.000200	<0.00200	<0.00100	0.0133
	03/14/06	0.230	0.0616	<0.00100	<0.00100	0.00434	<0.00100	<0.000200	<0.00200	<0.00100	0.00615
dup	03/14/06	0.217	0.0720	<0.00100	0.00110	0.00481	<0.00100	<0.000200	<0.00200	<0.00100	0.00820
B-40	02/17/00	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S	NS/S
	05/26/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	08/28/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	11/29/00	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	02/20/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
U-2	02/17/00	0.0186	0.0632	0.00023	0.00363	0.0116	0.00499	ND	0.00034	ND	0.0241
	05/26/00	0.011	0.0503	ND	0.00137	0.00537	0.00145	ND	ND	ND	0.0109
	08/28/00	0.0119	0.0503	0.00120	0.00109	0.00377	0.00169	ND	ND	ND	0.0147
	11/29/00	0.00729	0.0499	ND	0.00158	0.00314	0.00109	ND	0.00105	ND	0.0131
	02/23/01	0.00887	0.0373	ND	ND	0.00935	0.00173	ND	ND	ND	0.0212
	05/17/01	0.00953	0.0427	ND	0.00129	0.00916	0.00257	ND	ND	ND	0.0205
	09/20/01	0.00680	0.0397	ND	ND	0.00421	ND	ND	ND	ND	0.00700
	03/14/02	0.0108	0.0534	ND	0.00168	0.00666	0.00183	ND	ND	ND	0.0436
	09/26/02	0.00678	0.0443	ND	ND	0.00277	ND	ND	0.00127	ND	0.0116
	03/18/03	0.00998	0.0487	ND	0.00100	0.00583	0.00111	ND	ND	ND	0.0398
	09/25/03	0.00978	0.0749	ND	0.00658	0.00896	0.00268	ND	ND	ND	0.0636
	03/31/04	0.0158	0.0646	<0.00100	0.00243	0.0107	0.00313	<0.000200	0.00116	<0.00100	0.0500
	09/28/04	0.0111	0.0762	<0.00100	0.00318	NA	0.00282	<0.000200	<0.00100	<0.00100	NA
	03/28/05	0.0132	0.0996	<0.00100	0.00326	0.0187	0.00531	<0.000200	<0.00100	<0.00100	0.0944
	09/20/05	0.0198	0.129	<0.00100	0.00174	0.0170	0.00550	<0.000200	<0.00200	<0.00100	0.0520
	03/14/06	0.0156	0.0451	<0.00100	<0.00100	0.00775	0.00228	<0.000200	<0.00200	<0.00100	0.0327

COPPOR0008038

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
U-3	02/17/00	0.0421	0.194	0.00023	0.0241	0.0171	0.0225	ND	0.00102	ND	0.268
	05/26/00	0.040	0.171	ND	0.0149	0.0116	0.0182	ND	0.00145	ND	0.139
	08/28/00	0.0365	0.124	ND	0.00704	0.00673	0.0212	ND	0.00202	ND	0.103
	11/29/00	0.0428	0.170	ND	0.00994	0.00949	0.0167	ND	0.00342	ND	0.107
dup	11/29/00	0.0413	0.172	ND	0.00996	0.00932	0.0149	ND	0.00284	ND	0.0973
	02/23/01	0.119	0.631	ND	0.170	0.107	303	ND	ND	ND	1.47
	05/17/01	0.0450	0.111	ND	0.00359	0.00439	0.00427	ND	0.00170	ND	0.0258
U-4	05/26/00	0.0188	0.101	ND	0.00367	0.00749	0.00268	ND	ND	ND	0.0149
	08/28/00	0.0198	0.0930	ND	ND	0.00214	0.00129	ND	ND	ND	0.0150
dup	08/28/00	0.0189	0.0922	ND	ND	0.00299	0.00131	ND	ND	ND	0.0157
	11/29/00	0.0198	0.0911	ND	ND	ND	ND	ND	0.00194	ND	0.00895
	02/23/01	0.0216	0.0802	ND	ND	ND	ND	ND	ND	ND	0.00587
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	09/26/02	0.0183	0.106	ND	0.00432	0.0105	0.00484	ND	0.00180	ND	0.0377
dup	09/26/02	0.0183	0.106	ND	0.00403	0.00976	0.00379	ND	0.00128	ND	0.0313
U-5	02/17/00	0.0127	0.164	0.00094	0.0175	0.0456	0.0189	ND	0.00095	ND	0.933
	05/26/00	0.0104	0.0748	ND	0.00225	0.00912	0.0037	ND	ND	ND	0.286
	08/28/00	0.0109	0.219	ND	0.00759	0.0216	0.0143	ND	0.00165	ND	0.884
	11/29/00	0.0123	0.124	ND	0.00547	0.0216	0.00856	ND	0.00216	ND	0.825
	02/23/01	0.0126	0.101	ND	0.00692	0.0345	0.0140	ND	0.00100	ND	1.17
	05/17/01	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F	NS/F
	03/18/03	0.0110	0.170	ND	0.0129	0.0663	0.0158	ND	ND	0.00323	2.59
	09/25/03	0.0126	0.102	ND	0.00736	0.0201	0.00947	ND	0.00118	ND	0.800
	03/31/04	0.00802	0.0852	<0.00100	0.00758	0.0230	0.0115	<0.000200	<0.00100	<0.00100	0.785
	09/28/04	0.00987	0.103	<0.00100	0.00623	NA	0.0106	0.000228	<0.00100	<0.00100	NA
	03/28/05	0.0123	0.131	<0.00100	0.0229	0.0645	0.0381	<0.000200	<0.00100	<0.00100	1.98
	09/20/05	0.00704	0.107	<0.00100	0.00583	0.0188	0.0124	<0.000200	<0.00200	<0.00100	0.720
	03/14/06	0.00816	0.132	<0.00100	0.0117	0.0307	0.0127	<0.000200	<0.00200	<0.00100	0.669
U-10	03/18/03	0.107	3.39	ND	0.313	0.403	0.176	0.000551	ND	ND	1.22
	09/25/03	0.00975	0.196	ND	0.0132	0.0149	0.00904	ND	ND	ND	0.0493
	03/30/04	0.0316	0.128	<0.00100	0.00481	0.00573	0.0225	<0.000200	<0.00100	<0.00100	0.0288
	09/28/04	0.00657	0.201	<0.00100	0.00966	NA	0.00852	<0.000200	<0.00100	<0.00100	NA
	03/28/05	0.00643	0.127	<0.00100	0.00529	0.00600	0.00462	<0.000200	<0.00100	<0.00100	0.0293
	09/20/05	0.00686	0.123	<0.00100	0.00120	0.00258	0.00205	<0.000200	<0.00200	<0.00100	0.0106
	03/14/06	0.00918	0.140	<0.00100	0.00607	0.00933	0.00486	<0.000200	<0.00200	<0.00100	0.0403

COPPOR00008039

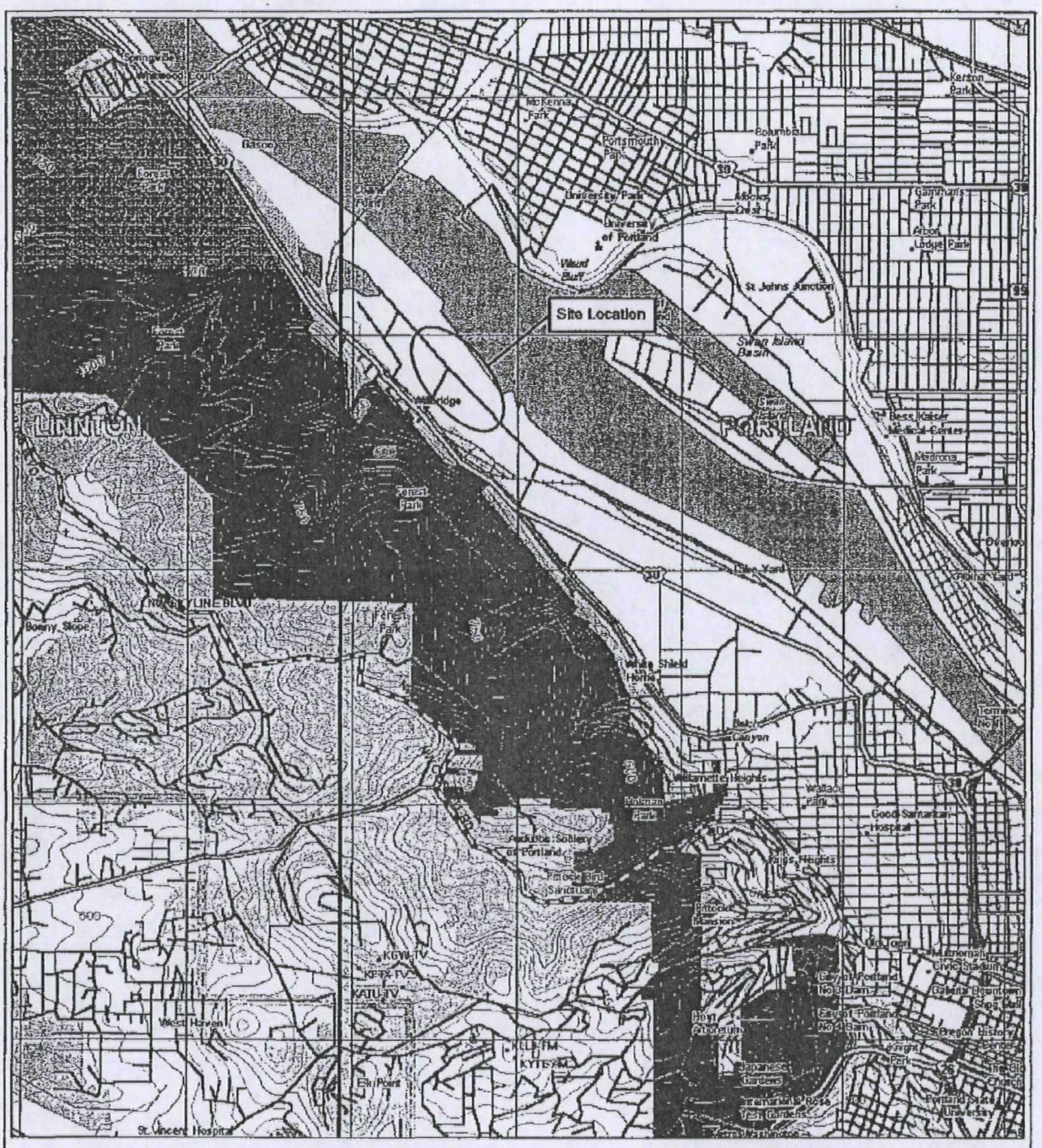
TABLE 4
GROUNDWATER ANALYTICAL RESULTS - TOTAL METALS
Willbridge Terminals
Portland, Oregon

Sample I.D.	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)
U-11	03/18/03	0.00942	0.372	ND	0.0297	0.0339	0.0336	0.000211	0.00153	ND	0.110
	09/25/03	0.0343	0.0893	ND	0.00220	0.00287	0.00830	ND	0.00101	ND	0.0124
	03/30/04	0.00679	0.363	<0.00100	0.0341	0.312	0.0212	<0.000200	0.00165	<0.00100	0.103
dup	03/30/04	0.0357	0.108	<0.00100	0.00400	0.00594	0.0201	<0.000200	<0.00100	<0.00100	0.0292
	09/28/04	0.0106	0.534	<0.00100	0.05610	NA	0.0684	0.000472	0.00192	<0.00100	NA
	03/28/05	0.0388	0.106	<0.00100	0.00152	0.00218	0.00562	<0.000200	<0.00100	<0.00100	0.0137
	09/20/05	0.0453	0.273	<0.00100	0.0242	0.0309	0.116	0.000270	<0.00200	<0.00100	0.140
	03/14/06	0.0420	0.101	<0.00100	0.00137	0.0172	0.00669	<0.000200	<0.00200	<0.00100	0.0120
U-12	03/18/03	0.0323	0.136	ND	0.00600	0.00711	0.0228	ND	ND	ND	0.0338
	09/25/03	0.0418	1.91	ND	0.362	0.372	0.302	0.000559	0.00480	ND	1.2
	03/30/04	0.00655	0.248	<0.00100	0.0179	0.0233	0.0220	<0.000200	0.00185	<0.00100	0.0728
	09/28/04	0.0369	0.208	<0.00100	0.0102	NA	0.0499	<0.000200	<0.00100	<0.00100	NA
	03/28/05	0.0172	1.01	0.00211	0.132	0.140	0.146	<0.000200	0.00345	<0.00100	0.570
	09/20/05	0.00626	0.176	<0.00100	0.00798	0.00998	0.0125	<0.000200	<0.00200	<0.00100	0.0417
	03/14/06	0.00453	0.216	<0.00100	0.00823	0.0105	0.00692	<0.000200	<0.00200	<0.00100	0.0273
P-1	03/17/03	0.0225	1.27	ND	0.216	0.239	0.0946	0.000604	ND	ND	0.625
	03/31/04	0.0527	4.37	<0.0100	0.642	0.848	0.244	0.000816	<0.0100	<0.0100	1.73
	03/14/06	0.00334	0.141	0.00168	0.0205	0.0291	0.00779	<0.000200	<0.00200	<0.00100	0.0646
P-2	03/17/03	0.0111	0.0783	ND	0.00232	0.00722	0.00288	ND	ND	0.00106	0.00979
	9/25/03[1]	0.00966	0.116	ND	0.00443	0.0116	0.00553	ND	0.00109	ND	0.0137
	03/30/04	0.00805	0.131	<0.00100	0.00187	0.00447	0.00126	<0.000200	<0.00100	<0.00100	0.0123
	09/28/04	0.0103	0.163	<0.00100	0.00570	NA	0.00742	0.000214	0.00103	<0.00100	NA
	03/28/05	0.00951	0.141	<0.00100	0.00335	0.00900	0.00454	<0.000200	<0.00100	<0.00100	0.0119
	09/20/05	0.00659	0.144	<0.00100	0.00567	0.0152	0.00728	<0.000200	<0.00200	<0.00100	0.0131
	03/14/06	0.00540	0.0517	<0.00100	<0.00100	0.00266	<0.00100	<0.000200	<0.00200	<0.00100	<0.00500

NOTES:
ND - Not detected at laboratory reporting limits
NS/F = Not sampled floating product present
NS/S = Not sampled sheen present
2/00 and 5/00 data from IT Corporation
8/00, 11/00, 2/01 and 5/01 data from KHM Environmental Management, Inc.
Sample locations are shown on Figure 2
Analytical Reports are included in Attachment B
dup* = duplicate for B-30 submitted as blind duplicate labeled as B-50
dup**= duplicate for B-30 submitted as blind duplicate labeled as B-31
dup***= duplicate for B-30 submitted as blind duplicate labeled as B-130
1 = Sample ID was misidentified by the laboratory as D-2
Total Metals Analysis by EPA 6000/7000 Series Methods

COPPOR0008040

FIGURES



REFERENCES

USGS 7.5 Minute Topographic Maps
Portland, Oregon-Washington
Linnton, Oregon
DeLorme TopoQuads, 1999
SCALE: 1 inch = 3750 feet

North

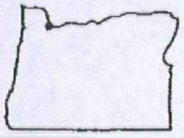


FIGURE 1

SITE LOCATION MAP

Willbridge Petroleum Terminals
Portland, Oregon

PROJECT NO. ORZD922GW-6	DRAWN BY KNT 6-12-03
FILE NO.	PREPARED BY CRF 4/5/06
REVISION NO.	REVIEWED BY

Delta Environmental Consultants, Inc.

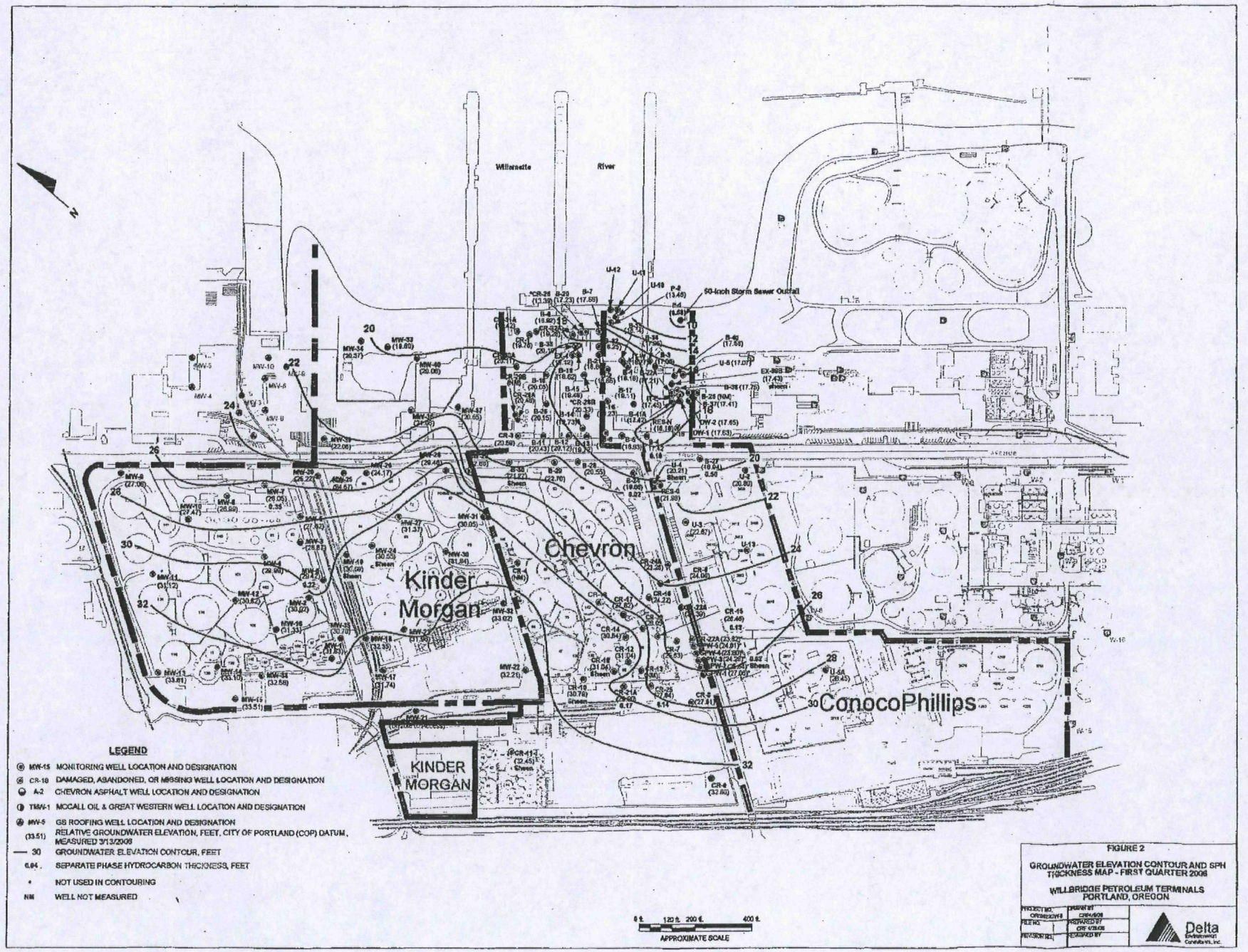


FIGURE 2

GROUNDWATER ELEVATION CONTOUR AND SPH THICKNESS MAP - FIRST QUARTER 2006

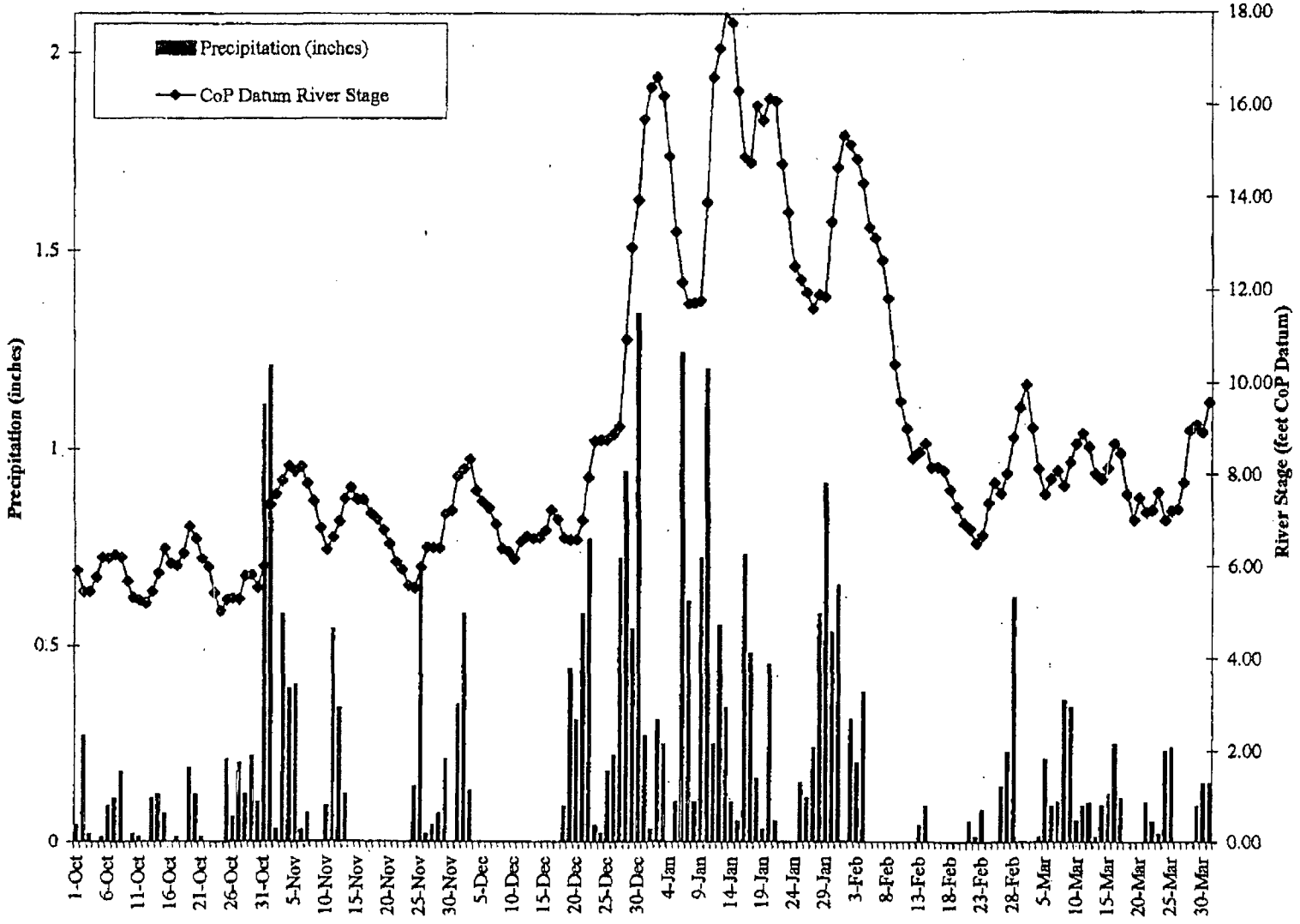
WILLBRIDGE PETROLEUM TERMINALS
PORTLAND, OREGON

PROJECT NO.	DRAWN BY
FILE NO.	PREPARED BY
REVISION NO.	REVIEWED BY

Delta Environmental Consultants, Inc.

COPPOR0000843

FIGURE 3
PRECIPITATION AND RIVER STAGE
October 2005 - March 2006
Willbridge Petroleum Terminals
Portland, Oregon



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APPENDIX A

GROUNDWATER MONITORING AND SAMPLING PROCEDURES, CERTIFIED ANALYTICAL LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Groundwater Monitoring and Sampling

Before the sampling event, Delta measured depth to water in each groundwater monitoring well at the facility with a Solinst Electronic Oil/Water Interface Probe. This information was recorded on waterproof field sheets. Groundwater elevations (GWE) were measured to an accuracy of 0.01 feet. Wells were sampled after purging three casing volumes of water from the well (or until dry). Wells with observable amounts of SPH were not sampled. After the well had recharged to approximately 80% of static level, samples were collected using a disposable polyethylene bailer and placed in the appropriate laboratory-provided containers. Samples were labeled, placed into ice filled coolers, logged onto chain-of-custody forms and transported to the laboratory.

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
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907.563.9200 fax 907.563.9210

April 03, 2006

RECEIVED
APR 0 6 2006
BY:

Brian Pletcher
Delta Environmental Consultants - Tigard
7150 SW Hampton - Suite 220
Tigard, OR 97223

RE: Willbridge Terminal -Conoco Phillips

Enclosed are the results of analyses for samples received by the laboratory on 03/15/06 15:15.
The following list is a summary of the NCA Work Orders contained in this report.
If you have any questions concerning this report, please feel free to contact me.

Work	Project	ProjectNumber
P6C0651	Willbridge Terminal -Cono	ORZ0922GW-6

Thank You,

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

North Creek Analytical, Inc.
Environmental Laboratory Network

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/03/06 17:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-35	P6C0651-01	Water	03/14/06 11:05	03/15/06 15:15
B-36	P6C0651-02	Water	03/14/06 10:35	03/15/06 15:15
B-37	P6C0651-03	Water	03/14/06 09:15	03/15/06 15:15
B-37-D	P6C0651-04	Water	03/14/06 09:15	03/15/06 15:15
P-1	P6C0651-05	Water	03/14/06 11:15	03/15/06 15:15
P-2	P6C0651-06	Water	03/14/06 11:55	03/15/06 15:15
U-2	P6C0651-07	Water	03/14/06 08:30	03/15/06 15:15
U-5	P6C0651-08	Water	03/14/06 11:00	03/15/06 15:15
U-10	P6C0651-09	Water	03/14/06 13:00	03/15/06 15:15
U-11	P6C0651-10	Water	03/14/06 12:15	03/15/06 15:15
U-12	P6C0651-11	Water	03/14/06 12:40	03/15/06 15:15

North Creek Analytical - Portland

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Sarah Rockwell, Project Manager

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phone: (425) 420.9200 fax: (425) 420.9210
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phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/03/06 17:37

Analytical Case Narrative

North Creek Analytical - Portland

P6C0651

Polynuclear Aromatic Compounds per EPA 8270M-SIM

In analytical batch 6030723, the extract for sample U-12, was accidentally spilled by the extractionist. Sample analysis of what was left of the extract reveals low surrogate recoveries. Insufficient sample left to re-extract; no further corrective action was taken.

No additional anomalies or discrepancies were associated with this analysis other than those already qualified in the data.

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
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7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

Total Metals per EPA 6000/7000 Series Methods

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-01	**Water**	**B-35**	**Sampled: 03/14/06 11:05**								
Arsenic		EPA 6020	**0.0423**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 04:45	
Barium		"	**0.105**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	**0.00192**	----	0.00100	"	"	"	"	"	
Copper		"	**0.00534**	----	0.00200	"	"	"	"	"	
Lead		"	**0.00285**	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	**0.0396**	----	0.00500	"	"	"	"	"	
P6C0651-02	**Water**	**B-36**	**Sampled: 03/14/06 10:35**								
Arsenic		EPA 6020	**0.00803**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 05:15	
Barium		"	***0.0401***	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	ND	----	0.00100	"	"	"	"	"	
Copper		"	**0.00331**	----	0.00200	"	"	"	"	"	
Lead		"	ND	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	**0.00531**	----	0.00500	"	"	"	"	"	
P6C0651-03	**Water**	**B-37**	**Sampled: 03/14/06 09:15**								
Arsenic		EPA 6020	**0.230**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 05:23	
Barium		"	**0.0616**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	ND	----	0.00100	"	"	"	"	"	
Copper		"	**0.00434**	----	0.00200	"	"	"	"	"	
Lead		"	ND	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	**0.00615**	----	0.00500	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

Total Metals per EPA 6000/7000 Series Methods

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-04	**Water**	**B-37-D**	**Sampled: 03/14/06 09:15**								
Arsenic		EPA 6020	**0.217**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 05:31	
Barium		"	**0.0720**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	**0.00110**	----	0.00100	"	"	"	"	"	
Copper		"	**0.00481**	----	0.00200	"	"	"	"	"	
Lead		"	ND	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	**0.00820**	----	0.00500	"	"	"	"	"	
P6C0651-05	**Water**	**P-1**	**Sampled: 03/14/06 11:15**								
Arsenic		EPA 6020	**0.00334**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 05:53	
Barium		"	**0.141**	----	0.00100	"	"	"	"	"	
Cadmium		"	**0.00168**	----	0.00100	"	"	"	"	"	
Chromium		"	**0.0205**	----	0.00100	"	"	"	"	"	
Copper		"	**0.0291**	----	0.00200	"	"	"	"	"	
Lead		"	**0.00779**	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	**0.0646**	----	0.00500	"	"	"	"	"	
P6C0651-06	**Water**	**P-2**	**Sampled: 03/14/06 11:55**								
Arsenic		EPA 6020	**0.00540**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 06:01	
Barium		"	**0.0517**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	ND	----	0.00100	"	"	"	"	"	
Copper		"	**0.00266**	----	0.00200	"	"	"	"	"	
Lead		"	ND	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	ND	----	0.00500	"	"	"	"	"	

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
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Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
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Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

Total Metals per EPA 6000/7000 Series Methods

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-07	**Water**	**U-2**	**Sampled: 03/14/06 08:30**								
Arsenic		EPA 6020	**0.0156**	—	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 06:08	
Barium		"	**0.0451**	—	0.00100	"	"	"	"	"	
Cadmium		"	ND	—	0.00100	"	"	"	"	"	
Chromium		"	ND	—	0.00100	"	"	"	"	"	
Copper		"	**0.00775**	—	0.00200	"	"	"	"	"	
Lead		"	**0.00228**	—	0.00100	"	"	"	"	"	
Selenium		"	ND	—	0.00200	"	"	"	"	"	
Silver		"	ND	—	0.00100	"	"	"	"	"	
Zinc		"	**0.0327**	—	0.00500	"	"	"	"	"	
P6C0651-08	**Water**	**U-5**	**Sampled: 03/14/06 11:00**								
Arsenic		EPA 6020	**0.00816**	—	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 06:16	
Barium		"	**0.132**	—	0.00100	"	"	"	"	"	
Cadmium		"	ND	—	0.00100	"	"	"	"	"	
Chromium		"	**0.0117**	—	0.00100	"	"	"	"	"	
Copper		"	**0.0307**	—	0.00200	"	"	"	"	"	
Lead		"	**0.0127**	—	0.00100	"	"	"	"	"	
Selenium		"	ND	—	0.00200	"	"	"	"	"	
Silver		"	ND	—	0.00100	"	"	"	"	"	
Zinc		"	**0.669**	—	0.00500	"	"	"	"	"	
P6C0651-09	**Water**	**U-10**	**Sampled: 03/14/06 13:00**								
Arsenic		EPA 6020	**0.00918**	—	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 06:24	
Barium		"	**0.140**	—	0.00100	"	"	"	"	"	
Cadmium		"	ND	—	0.00100	"	"	"	"	"	
Chromium		"	**0.00607**	—	0.00100	"	"	"	"	"	
Copper		"	**0.00933**	—	0.00200	"	"	"	"	"	
Lead		"	**0.00486**	—	0.00100	"	"	"	"	"	
Selenium		"	ND	—	0.00200	"	"	"	"	"	
Silver		"	ND	—	0.00100	"	"	"	"	"	
Zinc		"	**0.0403**	—	0.00500	"	"	"	"	"	

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

Total Metals per EPA 6000/7000 Series Methods

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-10	**Water**	**U-11**	**Sampled: 03/14/06 12:15**								
Arsenic		EPA 6020	**0.0420**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 06:31	
Barium		"	**0.101**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	***0.00137***	----	*0.00100*	"	"	"	"	"	
Copper		"	**0.0172**	----	0.00200	"	"	"	"	"	
Lead		"	**0.00669**	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	**0.0120**	----	0.00500	"	"	"	"	"	
P6C0651-11	**Water**	**U-12**	**Sampled: 03/14/06 12:40**								
Arsenic		EPA 6020	**0.00453**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 06:39	
Barium		"	**0.216**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	**0.00823**	----	0.00100	"	"	"	"	"	
Copper		"	**0.0105**	----	0.00200	"	"	"	"	"	
Lead		"	**0.00692**	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	**0.0273**	----	0.00500	"	"	"	"	"	

North Creek Analytical - Portland

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Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
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Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

Total Mercury per EPA Method 7470A

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-01	**Water**	**B-35**	**Sampled: 03/14/06 11:05**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030946	03/21/06	03/21/06 14:49	
P6C0651-02	**Water**	**B-36**	**Sampled: 03/14/06 10:35**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030946	03/21/06	03/21/06 14:52	
P6C0651-03	**Water**	**B-37**	**Sampled: 03/14/06 09:15**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030946	03/21/06	03/21/06 14:54	
P6C0651-04	**Water**	**B-37-D**	**Sampled: 03/14/06 09:15**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030946	03/21/06	03/21/06 14:57	
P6C0651-05	**Water**	**P-1**	**Sampled: 03/14/06 11:15**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030946	03/21/06	03/21/06 14:59	
P6C0651-06	**Water**	**P-2**	**Sampled: 03/14/06 11:55**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030946	03/21/06	03/21/06 15:01	
P6C0651-07	**Water**	**U-2**	**Sampled: 03/14/06 08:30**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030946	03/21/06	03/21/06 15:04	
P6C0651-08	**Water**	**U-5**	**Sampled: 03/14/06 11:00**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030946	03/21/06	03/21/06 15:12	
P6C0651-09	**Water**	**U-10**	**Sampled: 03/14/06 13:00**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030946	03/21/06	03/21/06 15:14	
P6C0651-10	**Water**	**U-11**	**Sampled: 03/14/06 12:15**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030946	03/21/06	03/21/06 15:16	
P6C0651-11	**Water**	**U-12**	**Sampled: 03/14/06 12:40**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030946	03/21/06	03/21/06 15:19	

North Creek Analytical - Portland

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

BTEX Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-01	**Water**	**B-35**	**Sampled: 03/14/06 11:05**								
Benzene		EPA 8260B	**18.8**	—	0.500	ug/l	1x	6030826	03/18/06	03/18/06 17:58	
Toluene		"	**7.31**	—	0.500	"	"	"	"	"	
Ethylbenzene		"	**1.32**	—	0.500	"	"	"	"	"	
Xylenes (total)		"	**10.9**	—	1.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*Recovery: 102%*		*Limits:*	*80 - 120 %*	"			"	
	1,2-DCA-d4		*99.0%*			*80 - 120 %*	"			"	
	Dibromofluoromethane		*96.0%*			*80 - 120 %*	"			"	
	Toluene-d8		*100%*			*80 - 120 %*	"			"	
P6C0651-02	**Water**	**B-36**	**Sampled: 03/14/06 10:35**								
Benzene		EPA 8260B	ND	—	0.500	ug/l	1x	6030826	03/18/06	03/18/06 18:25	
Toluene		"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene		"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)		"	ND	—	1.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*Recovery: 93.0%*		*Limits:*	*80 - 120 %*	"			"	
	1,2-DCA-d4		*99.5%*			*80 - 120 %*	"			"	
	Dibromofluoromethane		*97.0%*			*80 - 120 %*	"			"	
	Toluene-d8		*94.0%*			*80 - 120 %*	"			"	
P6C0651-03	**Water**	**B-37**	**Sampled: 03/14/06 09:15**								
Benzene		EPA 8260B	ND	—	0.500	ug/l	1x	6030826	03/18/06	03/18/06 18:51	
Toluene		"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene		"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)		"	ND	—	1.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*Recovery: 94.0%*		*Limits:*	*80 - 120 %*	"			"	
	1,2-DCA-d4		*100%*			*80 - 120 %*	"			"	
	Dibromofluoromethane		*96.5%*			*80 - 120 %*	"			"	
	Toluene-d8		*94.0%*			*80 - 120 %*	"			"	
P6C0651-04	**Water**	**B-37-D**	**Sampled: 03/14/06 09:15**								
Benzene		EPA 8260B	ND	—	0.500	ug/l	1x	6030826	03/18/06	03/18/06 19:18	
Toluene		"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene		"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)		"	ND	—	1.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*Recovery: 96.5%*		*Limits:*	*80 - 120 %*	"			"	
	1,2-DCA-d4		*100%*			*80 - 120 %*	"			"	
	Dibromofluoromethane		*96.5%*			*80 - 120 %*	"			"	
	Toluene-d8		*94.5%*			*80 - 120 %*	"			"	

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
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Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

BTEX Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-05 Water	**P-1**	**Sampled: 03/14/06 11:15**								
Benzene	EPA 8260B	ND	—	0.500	ug/l	1x	6030826	03/18/06	03/18/06 19:45	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 88.5%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*104%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*99.5%*		*80 - 120 %*		"			"	
Toluene-d8		*93.5%*		*80 - 120 %*		"			"	
P6C0651-06 Water	**P-2**	**Sampled: 03/14/06 11:55**								
Benzene	EPA 8260B	ND	—	0.500	ug/l	1x	6030826	03/18/06	03/18/06 20:12	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 101%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*99.0%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*97.5%*		*80 - 120 %*		"			"	
Toluene-d8		*97.0%*		*80 - 120 %*		"			"	
P6C0651-07 Water	**U-2**	**Sampled: 03/14/06 08:30**								
Benzene	EPA 8260B	**4.71**	—	0.500	ug/l	1x	6030826	03/18/06	03/18/06 20:38	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	**3.19**	—	0.500	"	"	"	"	"	
Xylenes (total)	"	**1.05**	—	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 98.0%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*97.5%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*96.0%*		*80 - 120 %*		"			"	
Toluene-d8		*93.0%*		*80 - 120 %*		"			"	
P6C0651-08 Water	**U-5**	**Sampled: 03/14/06 11:00**								
Benzene	EPA 8260B	**0.560**	—	0.500	ug/l	1x	6030826	03/18/06	03/18/06 21:05	
Toluene	"	ND	—	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	—	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 102%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*98.5%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*97.0%*		*80 - 120 %*		"			"	
Toluene-d8		*97.0%*		*80 - 120 %*		"			"	

North Creek Analytical - Portland

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Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
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Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

BTEX Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-09 Water	**U-10**	**Sampled: 03/14/06 13:00**								
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	6030826	03/18/06	03/18/06 21:32	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 94.0%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*98.5%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*96.5%*		*80 - 120 %*		"			"	
Toluene-d8		*99.0%*		*80 - 120 %*		"			"	
P6C0651-10 Water	**U-11**	**Sampled: 03/14/06 12:15**								
Benzene	EPA 8260B	**0.780**	----	0.500	ug/l	1x	6030826	03/18/06	03/18/06 21:58	
Toluene	"	**1.74**	----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Xylenes (total)	"	**2.86**	----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 101%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*96.5%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*94.5%*		*80 - 120 %*		"			"	
Toluene-d8		*99.0%*		*80 - 120 %*		"			"	
P6C0651-11 Water	**U-12**	**Sampled: 03/14/06 12:40**								
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	6030826	03/18/06	03/18/06 22:25	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 95.5%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*97.5%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*94.5%*		*80 - 120 %*		"			"	
Toluene-d8		*95.5%*		*80 - 120 %*		"			"	

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Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-01 Water	**B-35**	**Sampled: 03/14/06 11:05**								
Acenaphthene	EPA 8270m	**4.63**	----	0.495	ug/l	25x	6030723	03/16/06	03/30/06 15:55	
Acenaphthylene	"	ND	----	0.495	"	"	"	"	"	R-03
Anthracene	"	**0.438**	----	0.0198	"	1x	"	"	03/27/06 23:32	
Benzo (a) anthracene	"	**0.107**	----	0.0198	"	"	"	"	"	
Benzo (a) pyrene	"	**0.0259**	----	0.0198	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.0402**	----	0.0198	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0198	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.0201**	----	0.0198	"	"	"	"	"	
Chrysene	"	**0.0972**	----	0.0198	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0198	"	"	"	"	"	
Fluoranthene	"	**0.419**	----	0.0198	"	"	"	"	"	
Fluorene	"	**8.83**	----	0.495	"	25x	"	"	03/30/06 15:55	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0198	"	1x	"	"	03/27/06 23:32	
Naphthalene	"	ND	----	2.23	"	25x	"	"	03/30/06 15:55	R-03
Phenanthrene	"	**7.60**	----	0.495	"	"	"	"	"	
Pyrene	"	**0.496**	----	0.0198	"	1x	"	"	03/27/06 23:32	
Surrogate(s): Fluorene-d10		*Recovery: 60.9%*		*Limits: 25 - 125 %*		*25x*			*03/30/06 15:55*	
Pyrene-d10		*56.9%*		*23 - 150 %*		*1x*			*03/27/06 23:32*	
Benzo (a) pyrene-d12		*73.8%*		*10 - 125 %*		"			"	
P6C0651-02 Water	**B-36**	**Sampled: 03/14/06 10:35**								
Acenaphthene	EPA 8270m	**0.0866**	----	0.0192	ug/l	1x	6030723	03/16/06	03/23/06 04:04	
Acenaphthylene	"	ND	----	0.0288	"	"	"	"	"	R-03
Anthracene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0192	"	"	"	"	"	
Chrysene	"	ND	----	0.0192	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0192	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0192	"	"	"	"	"	
Fluorene	"	**0.259**	----	0.0192	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0192	"	"	"	"	"	
Naphthalene	"	ND	----	0.462	"	"	"	"	"	R-03
Phenanthrene	"	ND	----	0.0192	"	"	"	"	"	
Pyrene	"	ND	----	0.0288	"	"	"	"	"	R-03
Surrogate(s): Fluorene-d10		*Recovery: 51.7%*		*Limits: 25 - 125 %*		"			"	
Pyrene-d10		*70.8%*		*23 - 150 %*		"			"	
Benzo (a) pyrene-d12		*70.4%*		*10 - 125 %*		"			"	

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Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-03 Water	**B-37**	**Sampled: 03/14/06 09:15**								
Acenaphthene	EPA 8270m	0.0725	----	0.0198	ug/l	1x	6030723	03/16/06	03/23/06 04:32	
Acenaphthylene	"	ND	----	0.0198	"	"	"	"	"	
Anthracene	"	ND	----	0.0198	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0198	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0198	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0198	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0198	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0198	"	"	"	"	"	
Chrysene	"	ND	----	0.0198	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0198	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0198	"	"	"	"	"	
Fluorene	"	ND	----	0.0198	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0198	"	"	"	"	"	
Naphthalene	"	ND	----	0.277	"	"	"	"	"	R-03
Phenanthrene	"	ND	----	0.0198	"	"	"	"	"	
Pyrene	"	ND	----	0.0396	"	"	"	"	"	R-03
Surrogate(s): Fluorene-d10		*Recovery: 59.7%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*78.2%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*75.4%*		*10 - 125 %*	"				"	
P6C0651-04 Water	**B-37-D**	**Sampled: 03/14/06 09:15**								
Acenaphthene	EPA 8270m	ND	----	0.0891	ug/l	1x	6030723	03/16/06	03/28/06 00:01	R-03
Acenaphthylene	"	ND	----	0.0198	"	"	"	"	"	
Anthracene	"	**0.0217**	----	0.0198	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0198	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0198	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0198	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0198	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0198	"	"	"	"	"	
Chrysene	"	**0.0217**	----	0.0198	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0198	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0198	"	"	"	"	"	
Fluorene	"	ND	----	0.0198	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0198	"	"	"	"	"	
Naphthalene	"	ND	----	0.277	"	"	"	"	"	R-03
Phenanthrene	"	**0.0813**	----	0.0198	"	"	"	"	"	
Pyrene	"	**0.0591**	----	0.0198	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 71.4%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*70.2%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*61.3%*		*10 - 125 %*	"				"	

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-06 Water	**P-2**	**Sampled: 03/14/06 11:55**								**R-05**
Acenaphthene	EPA 8270m	**3.45**	——	0.777	ug/l	40x	6030723	03/16/06	03/30/06 16:22	
Acenaphthylene	"	ND	——	0.777	"	"	"	"	"	**R-03**
Anthracene	"	ND	——	0.777	"	"	"	"	"	**R-03**
Benzo (a) anthracene	"	ND	——	0.0388	"	2x	"	"	03/28/06 00:29	
Benzo (a) pyrene	"	ND	——	0.0388	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	——	0.0388	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	——	0.0388	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	——	0.0388	"	"	"	"	"	
Chrysene	"	ND	——	0.0388	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	——	0.0388	"	"	"	"	"	
Fluoranthene	"	ND	——	0.777	"	40x	"	"	03/30/06 16:22	**R-03**
Fluorene	"	**12.1**	——	0.777	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	——	0.0388	"	2x	"	"	03/28/06 00:29	
Naphthalene	"	ND	——	1.94	"	40x	"	"	03/30/06 16:22	**R-03**
Phenanthrene	"	**4.17**	——	0.777	"	"	"	"	"	
Pyrene	"	ND	——	0.0583	"	2x	"	"	03/28/06 00:29	**R-03**
Surrogate(s): Fluorene-d10		*Recovery: 97.1%*		*Limits: 25 - 125 %*		*40x*			*03/30/06 16:22*	
Pyrene-d10		*57.6%*		*23 - 150 %*		*2x*			*03/28/06 00:29*	
Benzo (a) pyrene-d12		*74.5%*		*10 - 125 %*		"			"	
P6C0651-07 Water	**U-2**	**Sampled: 03/14/06 08:30**								
Acenaphthene	EPA 8270m	**0.352**	——	0.0192	ug/l	1x	6030723	03/16/06	03/23/06 05:01	
Acenaphthylene	"	ND	——	0.106	"	"	"	"	"	**R-03**
Anthracene	"	**0.0232**	——	0.0192	"	"	"	"	"	
Benzo (a) anthracene	"	ND	——	0.0192	"	"	"	"	"	
Benzo (a) pyrene	"	ND	——	0.0192	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	——	0.0192	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	——	0.0192	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	——	0.0192	"	"	"	"	"	
Chrysene	"	ND	——	0.0192	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	——	0.0192	"	"	"	"	"	
Fluoranthene	"	**0.0392**	——	0.0192	"	"	"	"	"	
Fluorene	"	**0.454**	——	0.0192	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	——	0.0192	"	"	"	"	"	
Naphthalene	"	ND	——	4.71	"	10x	"	"	03/28/06 00:57	**R-03**
Phenanthrene	"	**0.135**	——	0.0192	"	1x	"	"	03/23/06 05:01	
Pyrene	"	**0.0798**	——	0.0192	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 73.8%*		*Limits: 25 - 125 %*		"			"	
Pyrene-d10		*87.5%*		*23 - 150 %*		"			"	
Benzo (a) pyrene-d12		*84.6%*		*10 - 125 %*		"			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-08 Water	U-5	**Sampled: 03/14/06 11:00**								R-05
Acenaphthene	EPA 8270m	**3.50**	——	0.196	ug/l	10x	6030723	03/16/06	03/28/06 01:54	
Acenaphthylene	"	ND	——	0.784	"	"	"	"	"	R-03
Anthracene	"	ND	——	0.490	"	"	"	"	"	R-03
Benzo (a) anthracene	"	ND	——	0.196	"	"	"	"	"	
Benzo (a) pyrene	"	ND	——	0.196	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	——	0.196	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	——	0.196	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	——	0.196	"	"	"	"	"	
Chrysene	"	ND	——	0.196	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	——	0.196	"	"	"	"	"	
Fluoranthene	"	ND	——	0.196	"	"	"	"	"	
Fluorene	"	**5.78**	——	0.196	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	——	0.196	"	"	"	"	"	
Naphthalene	"	ND	——	3.04	"	"	"	"	"	R-03
Phenanthrene	"	**6.09**	——	0.196	"	"	"	"	"	
Pyrene	"	**0.374**	——	0.196	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 72.7%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*76.3%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*71.8%*		*10 - 125 %*	"				"	
P6C0651-09 Water	U-10	**Sampled: 03/14/06 13:00**								
Acenaphthene	EPA 8270m	ND	——	0.0194	ug/l	1x	6030723	03/16/06	03/23/06 05:29	
Acenaphthylene	"	ND	——	0.0194	"	"	"	"	"	
Anthracene	"	ND	——	0.0194	"	"	"	"	"	
Benzo (a) anthracene	"	ND	——	0.0194	"	"	"	"	"	
Benzo (a) pyrene	"	ND	——	0.0194	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	——	0.0194	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	——	0.0194	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	——	0.0194	"	"	"	"	"	
Chrysene	"	ND	——	0.0194	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	——	0.0194	"	"	"	"	"	
Fluoranthene	"	ND	——	0.0194	"	"	"	"	"	
Fluorene	"	ND	——	0.0194	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	——	0.0194	"	"	"	"	"	
Naphthalene	"	ND	——	0.0291	"	"	"	"	"	R-03
Phenanthrene	"	ND	——	0.0194	"	"	"	"	"	
Pyrene	"	ND	——	0.0291	"	"	"	"	"	R-03
Surrogate(s): Fluorene-d10		*Recovery: 77.0%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*98.4%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*87.2%*		*10 - 125 %*	"				"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

North Creek Analytical, Inc.
Environmental Laboratory Network

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
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Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0651-10 Water	**U-11**	**Sampled: 03/14/06 12:15**								**R-05**
Acenaphthene	EPA 8270m	**1.78**	——	0.481	ug/l	25x	6030723	03/16/06	03/30/06 16:49	
Acenaphthylene	"	ND	——	0.481	"	"	"	"	"	**R-03**
Anthracene	"	**0.579**	——	0.192	"	10x	"	"	03/28/06 02:23	
Benzo (a) anthracene	"	**0.281**	——	0.192	"	"	"	"	"	
Benzo (a) pyrene	"	ND	——	0.192	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	——	0.192	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	——	0.192	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	——	0.192	"	"	"	"	"	
Chrysene	"	**0.238**	——	0.192	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	——	0.192	"	"	"	"	"	
Fluoranthene	"	**0.926**	——	0.192	"	"	"	"	"	
Fluorene	"	**4.54**	——	0.481	"	25x	"	"	03/30/06 16:49	
Indeno (1,2,3-cd) pyrene	"	ND	——	0.192	"	10x	"	"	03/28/06 02:23	
Naphthalene	"	ND	——	2.64	"	25x	"	"	03/30/06 16:49	**R-03**
Phenanthrene	"	**4.10**	——	0.192	"	10x	"	"	03/28/06 02:23	
Pyrene	"	**1.59**	——	0.192	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 66.7%*		*Limits: 25 - 125 %*		*25x*			*03/30/06 16:49*	
Pyrene-d10		*63.8%*		*23 - 150 %*		*10x*			*03/28/06 02:23*	
Benzo (a) pyrene-d12		*65.8%*		*10 - 125 %*		"			"	
P6C0651-11 Water	**U-12**	**Sampled: 03/14/06 12:40**								**X**
Acenaphthene	EPA 8270m	ND	——	0.0490	ug/l	1x	6030723	03/16/06	03/23/06 05:57	**R-03**
Acenaphthylene	"	ND	——	0.0294	"	"	"	"	"	**R-03**
Anthracene	"	ND	——	0.0294	"	"	"	"	"	**R-03**
Benzo (a) anthracene	"	ND	——	0.0196	"	"	"	"	"	
Benzo (a) pyrene	"	ND	——	0.0196	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	——	0.0196	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	——	0.0196	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	——	0.0196	"	"	"	"	"	
Chrysene	"	ND	——	0.0196	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	——	0.0196	"	"	"	"	"	
Fluoranthene	"	ND	——	0.0196	"	"	"	"	"	
Fluorene	"	**0.169**	——	0.0196	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	——	0.0196	"	"	"	"	"	
Naphthalene	"	ND	——	0.0882	"	"	"	"	"	**R-03**
Phenanthrene	"	**0.223**	——	0.0196	"	"	"	"	"	
Pyrene	"	ND	——	0.0196	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 6.69%*		*Limits: 25 - 125 %*		"			"	*S-10*
Pyrene-d10		*9.55%*		*23 - 150 %*		"			"	*S-10*
Benzo (a) pyrene-d12		*9.84%*		*10 - 125 %*		"			"	*S-10*

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/03/06 17:37

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6031095 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6031095-BLK1)								Extracted: 03/23/06 11:56						
Arsenic	EPA 6020	ND	—	0.00100	mg/l	1x	—	—	—	—	—	—	03/24/06 04:30	
Barium	"	ND	—	0.00100	"	"	—	—	—	—	—	—	"	
Cadmium	"	ND	—	0.00100	"	"	—	—	—	—	—	—	"	
Chromium	"	ND	—	0.00100	"	"	—	—	—	—	—	—	"	
Copper	"	ND	—	0.00200	"	"	—	—	—	—	—	—	"	
Lead	"	ND	—	0.00100	"	"	—	—	—	—	—	—	"	
Selenium	"	ND	—	0.00200	"	"	—	—	—	—	—	—	"	
Silver	"	ND	—	0.00100	"	"	—	—	—	—	—	—	"	
Zinc	"	ND	—	0.00500	"	"	—	—	—	—	—	—	"	
LCS (6031095-BS1)								Extracted: 03/23/06 11:56						
Arsenic	EPA 6020	0.104	—	0.00100	mg/l	1x	—	0.100	104%	(80-120)	—	—	03/24/06 04:37	
Barium	"	0.100	—	0.00100	"	"	—	"	100%	"	—	—	"	
Cadmium	"	0.0968	—	0.00100	"	"	—	"	96.8%	"	—	—	"	
Chromium	"	0.101	—	0.00100	"	"	—	"	101%	"	—	—	"	
Copper	"	0.103	—	0.00200	"	"	—	"	103%	"	—	—	"	
Lead	"	0.0959	—	0.00100	"	"	—	"	95.9%	"	—	—	"	
Selenium	"	0.0465	—	0.00200	"	"	—	0.0500	93.0%	"	—	—	"	
Silver	"	0.0473	—	0.00100	"	"	—	"	94.6%	"	—	—	"	
Zinc	"	0.104	—	0.00500	"	"	—	0.100	104%	"	—	—	"	
Duplicate (6031095-DUP1)					QC Source: P6C0651-01			Extracted: 03/23/06 11:56						
Arsenic	EPA 6020	0.0411	—	0.00100	mg/l	1x	0.0423	—	—	—	2.88%	(20)	03/24/06 04:53	
Barium	"	0.106	—	0.00100	"	"	0.105	—	—	—	0.948%	"	"	
Cadmium	"	ND	—	0.00100	"	"	ND	—	—	—	73.4%	"	"	Q-06
Chromium	"	0.00205	—	0.00100	"	"	0.00192	—	—	—	6.55%	"	"	
Copper	"	0.00525	—	0.00200	"	"	0.00534	—	—	—	1.70%	"	"	
Lead	"	0.00283	—	0.00100	"	"	0.00285	—	—	—	0.704%	"	"	
Selenium	"	ND	—	0.00200	"	"	ND	—	—	—	22.0%	"	"	Q-06
Silver	"	ND	—	0.00100	"	"	ND	—	—	—	NR	"	"	
Zinc	"	0.0394	—	0.00500	"	"	0.0396	—	—	—	0.506%	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-6244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6031095 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6031095-MS1)				QC Source: P6C0651-01				Extracted: 03/23/06 11:56						
Arsenic	EPA 6020	0.149	—	0.00100	mg/l	1x	0.0423	0.100	107%	(75-125)	—	—	03/24/06 05:08	
Barium	"	0.200	—	0.00100	"	"	0.105	"	95.0%	"	—	—	"	
Cadmium	"	0.0984	—	0.00100	"	"	0.000283	"	98.1%	"	—	—	"	
Chromium	"	0.101	—	0.00100	"	"	0.00192	"	99.1%	"	—	—	"	
Copper	"	0.107	—	0.00200	"	"	0.00534	"	102%	"	—	—	"	
Lead	"	0.0941	—	0.00100	"	"	0.00285	"	91.2%	"	—	—	"	
Selenium	"	0.0482	—	0.00200	"	"	0.000849	0.0500	94.7%	"	—	—	"	
Silver	"	0.0467	—	0.00100	"	"	ND	"	93.4%	"	—	—	"	
Zinc	"	0.140	—	0.00500	"	"	0.0396	0.100	100%	"	—	—	"	
Matrix Spike (6031095-MS2)				QC Source: P6C0651-11				Extracted: 03/23/06 11:56						
Arsenic	EPA 6020	0.112	—	0.00100	mg/l	1x	0.00453	0.100	107%	(75-125)	—	—	03/24/06 06:46	
Barium	"	0.313	—	0.00100	"	"	0.216	"	97.0%	"	—	—	"	
Cadmium	"	0.0967	—	0.00100	"	"	ND	"	96.7%	"	—	—	"	
Chromium	"	0.107	—	0.00100	"	"	0.00823	"	98.8%	"	—	—	"	
Copper	"	0.111	—	0.00200	"	"	0.0105	"	100%	"	—	—	"	
Lead	"	0.0954	—	0.00100	"	"	0.00692	"	88.5%	"	—	—	"	
Selenium	"	0.0484	—	0.00200	"	"	0.000838	0.0500	95.1%	"	—	—	"	
Silver	"	0.0469	—	0.00100	"	"	ND	"	93.8%	"	—	—	"	
Zinc	"	0.127	—	0.00500	"	"	0.0273	0.100	99.7%	"	—	—	"	

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phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/03/06 17:37

Total Mercury per EPA Method 7470A - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030946 **Water Preparation Method: EPA 245.1**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6030946-BLK1)								Extracted: 03/21/06 09:56						
Mercury	EPA 7470A	ND	—	0.000200	mg/l	1x	—	—	—	—	—	—	03/21/06 13:54	
LCS (6030946-BS1)								Extracted: 03/21/06 09:56						
Mercury	EPA 7470A	0.00480	—	0.000200	mg/l	1x	—	0.00500	96.0%	(85-115)	—	—	03/21/06 13:56	
LCS Dup (6030946-BSD1)								Extracted: 03/21/06 09:56						
Mercury	EPA 7470A	0.00486	—	0.000200	mg/l	1x	—	0.00500	97.2%	(85-115)	1.24%	(20)	03/21/06 13:59	
Duplicate (6030946-DUP1)				QC Source: P6C0613-01				Extracted: 03/21/06 09:56						
Mercury	EPA 7470A	ND	—	0.000200	mg/l	1x	ND	—	—	—	NR	(20)	03/21/06 14:01	
Matrix Spike (6030946-MS1)				QC Source: P6C0613-01				Extracted: 03/21/06 09:56						
Mercury	EPA 7470A	0.00505	—	0.000200	mg/l	1x	ND	0.00500	101%	(75-125)	—	—	03/21/06 14:04	
Matrix Spike Dup (6030946-MSD1)				QC Source: P6C0613-01				Extracted: 03/21/06 09:56						
Mercury	EPA 7470A	0.00499	—	0.000200	mg/l	1x	ND	0.00500	99.8%	(75-125)	1.20%	(20)	03/21/06 14:06	

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phone: (425) 420.9200 fax: (425) 420.9210
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phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/03/06 17:37

BTEX Compounds per EPA Method 8260B - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030826 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6030826-BLK1)							Extracted: 03/18/06 09:39							
Benzene	EPA 8260B	ND	—	0.500	ug/l	1x	—	—	—	—	—	—	03/18/06 13:31	
Toluene	"	ND	—	0.500	"	"	—	—	—	—	—	—	"	
Ethylbenzene	"	ND	—	0.500	"	"	—	—	—	—	—	—	"	
Xylenes (total)	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Surrogate(s): 4-BFB		*Recovery: 89.0%*		*Limits: 80-120%*	"								*03/18/06 13:31*	
1,2-DCA-d4		*104%*		*80-120%*	"								"	
Dibromofluoromethane		*100%*		*80-120%*	"								"	
Toluene-d8		*98.0%*		*80-120%*	"								"	
LCS (6030826-BS1)							Extracted: 03/18/06 09:39							
Benzene	EPA 8260B	21.6	—	0.500	ug/l	1x	—	20.0	108%	(80-120)	—	—	03/18/06 11:43	
Toluene	"	21.2	—	0.500	"	"	—	"	106%	(80-124)	—	—	"	
Ethylbenzene	"	21.9	—	0.500	"	"	—	"	110%	(80-120)	—	—	"	
Xylenes (total)	"	65.9	—	1.00	"	"	—	60.0	110%	(73-124)	—	—	"	
Surrogate(s): 4-BFB		*Recovery: 106%*		*Limits: 80-120%*	"								*03/18/06 11:43*	
1,2-DCA-d4		*99.0%*		*80-120%*	"								"	
Dibromofluoromethane		*101%*		*80-120%*	"								"	
Toluene-d8		*103%*		*80-120%*	"								"	
Matrix Spike (6030826-MS1)							QC Source: P6C0652-01		Extracted: 03/18/06 09:39					
Benzene	EPA 8260B	21.1	—	0.500	ug/l	1x	ND	20.0	106%	(80-124)	—	—	03/18/06 12:11	
Toluene	"	20.5	—	0.500	"	"	0.110	"	102%	(79.7-131)	—	—	"	
Ethylbenzene	"	21.1	—	0.500	"	"	ND	"	106%	(80-124)	—	—	"	
Xylenes (total)	"	60.4	—	1.00	"	"	0.360	60.0	100%	(44.6-154)	—	—	"	
Surrogate(s): 4-BFB		*Recovery: 98.5%*		*Limits: 80-120%*	"								*03/18/06 12:11*	
1,2-DCA-d4		*97.0%*		*80-120%*	"								"	
Dibromofluoromethane		*98.0%*		*80-120%*	"								"	
Toluene-d8		*100%*		*80-120%*	"								"	
Matrix Spike Dup (6030826-MSD1)							QC Source: P6C0652-01		Extracted: 03/18/06 09:39					
Benzene	EPA 8260B	21.7	—	0.500	ug/l	1x	ND	20.0	108%	(80-124)	2.80%	(25)	03/18/06 12:38	
Toluene	"	21.0	—	0.500	"	"	0.110	"	104%	(79.7-131)	2.41%	"	"	
Ethylbenzene	"	21.7	—	0.500	"	"	ND	"	108%	(80-124)	2.80%	"	"	
Xylenes (total)	"	62.0	—	1.00	"	"	0.360	60.0	103%	(44.6-154)	2.61%	"	"	
Surrogate(s): 4-BFB		*Recovery: 99.0%*		*Limits: 80-120%*	"								*03/18/06 12:38*	
1,2-DCA-d4		*98.0%*		*80-120%*	"								"	
Dibromofluoromethane		*98.5%*		*80-120%*	"								"	
Toluene-d8		*99.5%*		*80-120%*	"								"	

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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**
7150 SW Hampton - Suite 220	Project Number:	ORZ0922GW-6
Tigard, OR 97223	Project Manager:	Brian Pletcher

Report Created: 04/03/06 17:37

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030723 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6030723-BLK1)								Extracted: 03/16/06 14:30						
Acenaphthene	EPA 8270m	ND	—	0.0200	ug/l	1x	—	—	—	—	—	—	03/22/06 20:06	
Acenaphthylene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Anthracene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (a) anthracene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (a) pyrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (b) fluoranthene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (ghi) perylene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (k) fluoranthene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Chrysene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Fluoranthene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Fluorene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Naphthalene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Phenanthrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Pyrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Surrogate(s): Fluorene-d10		*Recovery:*	*26.2%*		*Limits: 25-125%*	"							*03/22/06 20:06*	
Pyrene-d10			*37.2%*		*23-150%*	"							"	
Benzo (a) pyrene-d12			*44.8%*		*10-125%*	"							"	
LCS (6030723-BS1)								Extracted: 03/16/06 14:30						
Acenaphthene	EPA 8270m	2.23	—	0.0200	ug/l	1x	—	2.50	89.2%	(35-120)	—	—	03/22/06 20:34	
Acenaphthylene	"	2.34	—	0.0200	"	"	—	"	93.6%	(34-116)	—	—	"	
Anthracene	"	1.93	—	0.0200	"	"	—	"	77.2%	(24-119)	—	—	"	
Benzo (a) anthracene	"	2.28	—	0.0200	"	"	—	"	91.2%	(36-128)	—	—	"	
Benzo (a) pyrene	"	2.03	—	0.0200	"	"	—	"	81.2%	(17-128)	—	—	"	
Benzo (b) fluoranthene	"	2.33	—	0.0200	"	"	—	"	93.2%	(37-131)	—	—	"	
Benzo (ghi) perylene	"	0.788	—	0.0200	"	"	—	"	31.5%	(26-126)	—	—	"	
Benzo (k) fluoranthene	"	2.01	—	0.0200	"	"	—	"	80.4%	(18-145)	—	—	"	
Chrysene	"	2.25	—	0.0200	"	"	—	"	90.0%	(16-137)	—	—	"	
Dibenzo (a,h) anthracene	"	0.732	—	0.0200	"	"	—	"	29.3%	(20-141)	—	—	"	
Fluoranthene	"	2.01	—	0.0200	"	"	—	"	80.4%	(31-125)	—	—	"	
Fluorene	"	2.52	—	0.0200	"	"	—	"	101%	(27-124)	—	—	"	
Indeno (1,2,3-cd) pyrene	"	1.48	—	0.0200	"	"	—	"	59.2%	(30-135)	—	—	"	
Naphthalene	"	2.16	—	0.0200	"	"	—	"	86.4%	(30-113)	—	—	"	
Phenanthrene	"	1.96	—	0.0200	"	"	—	"	78.4%	(34-126)	—	—	"	
Pyrene	"	2.31	—	0.0200	"	"	—	"	92.4%	(21-141)	—	—	"	
Surrogate(s): Fluorene-d10		*Recovery:*	*82.8%*		*Limits: 25-125%*	"							*03/22/06 20:34*	
Pyrene-d10			*73.2%*		*23-150%*	"							"	
Benzo (a) pyrene-d12			*81.2%*		*10-125%*	"							"	

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phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/03/06 17:37

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030723 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (6030723-BSD1)								Extracted: 03/16/06 14:30						
Acenaphthene	EPA 8270m	2.24	—	0.0200	ug/l	1x	—	2.50	89.6%	(35-120)	0.447%	(50)	03/22/06 21:02	
Acenaphthylene	"	2.29	—	0.0200	"	"	—	"	91.6%	(34-116)	2.16%	"	"	
Anthracene	"	1.79	—	0.0200	"	"	—	"	71.6%	(24-119)	7.53%	"	"	
Benzo (a) anthracene	"	2.21	—	0.0200	"	"	—	"	88.4%	(36-128)	3.12%	"	"	
Benzo (a) pyrene	"	1.80	—	0.0200	"	"	—	"	72.0%	(17-128)	12.0%	"	"	
Benzo (b) fluoranthene	"	2.32	—	0.0200	"	"	—	"	92.8%	(37-131)	0.430%	"	"	
Benzo (ghi) perylene	"	1.01	—	0.0200	"	"	—	"	40.4%	(26-126)	24.8%	"	"	
Benzo (k) fluoranthene	"	1.93	—	0.0200	"	"	—	"	77.2%	(18-145)	4.06%	"	"	
Chrysene	"	2.26	—	0.0200	"	"	—	"	90.4%	(16-137)	0.443%	"	"	
Dibenzo (a,h) anthracene	"	0.937	—	0.0200	"	"	—	"	37.5%	(20-141)	24.6%	"	"	
Fluoranthene	"	1.96	—	0.0200	"	"	—	"	78.4%	(31-125)	2.52%	"	"	
Fluorene	"	2.45	—	0.0200	"	"	—	"	98.0%	(27-124)	3.02%	"	"	
Indeno (1,2,3-cd) pyrene	"	1.58	—	0.0200	"	"	—	"	63.2%	(30-135)	6.54%	"	"	
Naphthalene	"	2.17	—	0.0200	"	"	—	"	86.8%	(30-113)	0.462%	"	"	
Phenanthrene	"	1.92	—	0.0200	"	"	—	"	76.8%	(34-126)	2.06%	"	"	
Pyrene	"	2.32	—	0.0200	"	"	—	"	92.8%	(21-141)	0.432%	"	"	
Surrogate(s): Fluorene-d10		*Recovery:*	*86.0%*		*Limits:*	*25-125%*	"						*03/22/06 21:02*	
Pyrene-d10			*76.0%*			*23-150%*	"						"	
Benzo (a) pyrene-d12			*82.4%*			*10-125%*	"						"	

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Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/03/06 17:37

Notes and Definitions

Report Specific Notes:

Q-06 - RPD is not applicable for analyte concentrations less than 5 times the MRL.

R-03 - The reporting limit for this analyte was raised due to matrix interference.

R-05 - Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.

S-10 - The recovery for this parameter is outside acceptance limits. See case narrative.

X - See case narrative.

Laboratory Reporting Conventions:

DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

NR / NA - Not Reported / Not Available

dry - Sample results reported on a dry weight basis. Reporting Limits have been corrected for %Solids.

wet - Sample results and reporting limits reported on a wet weight basis (as received).

RPD - Relative Percent Difference. (RPDs calculated using Results, not Percent Recoveries).

MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

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Sarah Rockwell

Sarah Rockwell, Project Manager

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E 1st Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9190
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
20332 Empire Ave, Ste F1, Bend, OR 97701-5712 541-383-9310 FAX 382-7588
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: PLC0651

NCA CLIENT: Delta Environmental
REPORT TO: 7150 SW Hampton St. Srite 220
ADDRESS: Tigard, OR 97223
PHONE: 503-639-8098 FAX: 503-639-7619

INVOICE TO: Conoco-phillips
P.O. NUMBER:

PROJECT NAME: Conoco-phillips willbridge
PROJECT NUMBER: ORZ0922GW-6
SAMPLED BY: K. McQuinn / C. Fleming

TURNAROUND REQUEST (in Business Days *)
Organic & Inorganic Analyses: 10 Std, 7, 5, 4, 3, 2, 1, <1
Petroleum Hydrocarbon Analyses: 5 Std, 4, 3, 2, 1, <1
OTHER Specify:
* Turnaround requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE: HCl		HNO3	REQUESTED ANALYSES: BTEX 8021-B	PAHs 8270	Redacted		MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	NCA WO ID
1	B-35	3/14 1105				X	X	X	→	W	5		
2	B-36	3/14 1035				X	X	X	→	W	5		
3	B-37	3/14 0915				X	X	X	→	W	5		
4	B-37-D	3/14 0915				X	X	X	→	W	5		
5	P-1	3/14 1115				X		X	→	W	4		
6	P-2	3/14 1155				X	X	X	→	W	5		
7	V-2	3/14 0830				X	X	X	→	W	5		
8	V-5	3/14 1100				X	X	X	→	W	5		
9	V-10	3/14 1300				X	X	X	→	W	5		
10	V-11	3/14 1215				X	X	X	→	W	5		

RELEASED BY: [signature] DATE: 3/15
PRINT NAME: KATY McQUINN FIRM: Delta TIME: 1515

RECEIVED BY: [signature] DATE: 3/15
PRINT NAME: [illegible] FIRM: ACL TIME: 15:15

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

COC REV 09/04

1.0

TEMP: 1.5

PAGE 1 OF 2

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9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: PLC060315.1

NCA CLIENT: Delta Environmental
REPORT TO: Brian Pletcher / 7150 SW Hampton
ADDRESS: Suite 220 / Tigard, OR 97223
PHONE: 503-639-8098 FAX: 503.639.7619

INVOICE TO: Conoco-Phillips
P.O. NUMBER:

PROJECT NAME: Conocophillips Willbridge Bulk Terminal
PROJECT NUMBER: ORZ0922GW-6
SAMPLED BY: K. McQuinn / C. Fleming

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analyses: 10 Std | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 Std | 4 | 3 | 2 | 1 | <1
OTHER Specify
* Pre-scheduled dates for rush turnaround times. Rush Charges Apply.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: BTEX 8021-B	PAHs 8270	RCRA metals	B.S. Lead Surface	B.S. Lead Subsurface	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	NCA WO ID
1	U-12	3/14 1240		X	X	X	→	✓	W	5		
2												
3												
4												
5												
6												
7												
8												
9												
10												

RELEASED BY: [signature] DATE: 3/15
PRINT NAME: Katy McQuinn FIRM: Delta TIME: 1615

RECEIVED BY: [signature] DATE: 3-15-06
PRINT NAME: ALLISON FIRM: NA TIME: 15:15

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

1.0

TEMP: 1.5

COC REV 09/04

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425.420.9200 fax 425.420.9210
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509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
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April 03, 2006

RECEIVED
APR 0 6 2006
BY:

Tim Browning
Delta Environmental Consultants - Tigard
7150 SW Hampton - Suite 220
Tigard, OR 97223

RE: Willbridge / KMEP

Enclosed are the results of analyses for samples received by the laboratory on 03/15/06 15:15.
The following list is a summary of the NCA Work Orders contained in this report.
If you have any questions concerning this report, please feel free to contact me.

Work	Project	ProjectNumber
P6C0652	Willbridge / KMEP	PTWB-03A-6

Thank You,

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Sarah Rockwell

Sarah Rockwell, Project Manager

North Creek Analytical, Inc.
Environmental Laboratory Network

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/03/06 18:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8	P6C0652-01	Water	03/15/06 11:10	03/15/06 15:15
MW-25	P6C0652-02	Water	03/15/06 12:20	03/15/06 15:15
MW-8-D	P6C0652-03	Water	03/15/06 11:10	03/15/06 15:15
MW-26	P6C0652-04	Water	03/15/06 11:40	03/15/06 15:15
MW-33	P6C0652-05	Water	03/15/06 10:00	03/15/06 15:15
MW-34	P6C0652-06	Water	03/15/06 10:40	03/15/06 15:15
MW-36	P6C0652-07	Water	03/15/06 09:15	03/15/06 15:15
MW-37	P6C0652-08	Water	03/14/06 15:45	03/15/06 15:15
MW-40	P6C0652-09	Water	03/14/06 16:30	03/15/06 15:15

North Creek Analytical - Portland

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Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
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Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

Total Metals per EPA 6000/7000 Series Methods

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-01	**Water**	**MW-8**	**Sampled: 03/15/06 11:10**								
Arsenic		EPA 6020	**0.00216**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 06:54	
Barium		"	**0.0244**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	ND	----	0.00100	"	"	"	"	"	
Copper		"	**0.00234**	----	0.00200	"	"	"	"	"	
Lead		"	ND	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	**0.0234**	----	0.00500	"	"	"	"	"	
P6C0652-02	**Water**	**MW-25**	**Sampled: 03/15/06 12:20**								
Arsenic		EPA 6020	**0.0607**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 07:02	
Barium		"	**0.0701**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	ND	----	0.00100	"	"	"	"	"	
Copper		"	**0.00469**	----	0.00200	"	"	"	"	"	
Lead		"	**0.00183**	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	0.00920	----	0.00500	"	"	"	"	"	
P6C0652-03	**Water**	**MW-8-D**	**Sampled: 03/15/06 11:10**								
Arsenic		EPA 6020	**0.00164**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 07:24	
Barium		"	**0.0245**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	ND	----	0.00100	"	"	"	"	03/24/06 16:34	
Copper		"	**0.00204**	----	0.00200	"	"	"	"	03/24/06 07:24	
Lead		"	ND	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	**0.0222**	----	0.00500	"	"	"	"	"	

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phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

Total Metals per EPA 6000/7000 Series Methods

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-04	**Water**	**MW-26**	**Sampled: 03/15/06 11:40**								
Arsenic		EPA 6020	**0.0476**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 07:32	
Barium		"	**0.0771**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	ND	----	0.00100	"	"	"	"	03/24/06 16:42	
Copper		"	ND	----	0.00200	"	"	"	"	03/24/06 07:32	
Lead		"	ND	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	ND	----	0.00500	"	"	"	"	"	
P6C0652-05	**Water**	**MW-33**	**Sampled: 03/15/06 10:00**								
Arsenic		EPA 6020	**0.0112**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 07:39	
Barium		"	**0.0588**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	ND	----	0.00100	"	"	"	"	03/24/06 17:05	
Copper		"	ND	----	0.00200	"	"	"	"	03/24/06 07:39	
Lead		"	ND	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	**0.00600**	----	0.00500	"	"	"	"	"	
P6C0652-06	**Water**	**MW-34**	**Sampled: 03/15/06 10:40**								
Arsenic		EPA 6020	**0.00590**	----	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 07:47	
Barium		"	**0.0572**	----	0.00100	"	"	"	"	"	
Cadmium		"	ND	----	0.00100	"	"	"	"	"	
Chromium		"	**0.00308**	----	0.00100	"	"	"	"	03/24/06 17:12	
Copper		"	**0.00329**	----	0.00200	"	"	"	"	03/24/06 07:47	
Lead		"	**0.00246**	----	0.00100	"	"	"	"	"	
Selenium		"	ND	----	0.00200	"	"	"	"	"	
Silver		"	ND	----	0.00100	"	"	"	"	"	
Zinc		"	**0.0132**	----	0.00500	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard
7150 SW Hampton - Suite 220
Tigard, OR 97223

Project Name: **Willbridge / KMEP**
Project Number: PTWB-03A-6
Project Manager: Tim Browning

Report Created:
04/03/06 18:00

Total Metals per EPA 6000/7000 Series Methods

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-07	**Water**	**MW-36**	**Sampled: 03/15/06 09:15**								
Arsenic		EPA 6020	**0.00590**	—	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 07:55	
Barium		"	**0.0238**	—	0.00100	"	"	"	"	"	
Cadmium		"	ND	—	0.00100	"	"	"	"	"	
Chromium		"	ND	—	0.00100	"	"	"	"	03/24/06 17:20	
Copper		"	**0.00384**	—	0.00200	"	"	"	"	03/24/06 07:55	
Lead		"	ND	—	0.00100	"	"	"	"	"	
Selenium		"	ND	—	0.00200	"	"	"	"	"	
Silver		"	ND	—	0.00100	"	"	"	"	"	
Zinc		"	ND	—	0.00500	"	"	"	"	"	
P6C0652-08	**Water**	**MW-37**	**Sampled: 03/14/06 15:45**								
Arsenic		EPA 6020	**0.0120**	—	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 08:02	
Barium		"	**0.0493**	—	0.00100	"	"	"	"	"	
Cadmium		"	ND	—	0.00100	"	"	"	"	"	
Chromium		"	ND	—	0.00100	"	"	"	"	03/24/06 17:27	
Copper		"	ND	—	0.00200	"	"	"	"	03/24/06 08:02	
Lead		"	**0.00141**	—	0.00100	"	"	"	"	"	
Selenium		"	ND	—	0.00200	"	"	"	"	"	
Silver		"	ND	—	0.00100	"	"	"	"	"	
Zinc		"	**0.00959**	—	0.00500	"	"	"	"	"	
P6C0652-09	**Water**	**MW-40**	**Sampled: 03/14/06 16:30**								
Arsenic		EPA 6020	**0.0162**	—	0.00100	mg/l	1x	6031095	03/23/06	03/24/06 08:10	
Barium		"	**0.0540**	—	0.00100	"	"	"	"	"	
Cadmium		"	ND	—	0.00100	"	"	"	"	"	
Chromium		"	**0.00139**	—	0.00100	"	"	"	"	03/24/06 17:35	
Copper		"	**0.00368**	—	0.00200	"	"	"	"	03/24/06 08:10	
Lead		"	**0.00157**	—	0.00100	"	"	"	"	"	
Selenium		"	ND	—	0.00200	"	"	"	"	"	
Silver		"	ND	—	0.00100	"	"	"	"	"	
Zinc		"	**0.00758**	—	0.00500	"	"	"	"	"	

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

Total Mercury per EPA Method 7470A

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-01	**Water**	**MW-8**	**Sampled: 03/15/06 11:10**								
Mercury		EPA 7470A	ND		0.000200	mg/l	1x	6030948	03/21/06	03/21/06 15:53	
P6C0652-02	**Water**	**MW-25**	**Sampled: 03/15/06 12:20**								
Mercury		EPA 7470A	ND		0.000200	mg/l	1x	6030948	03/21/06	03/21/06 15:55	
P6C0652-03	**Water**	**MW-8-D**	**Sampled: 03/15/06 11:10**								
Mercury		EPA 7470A	ND		0.000200	mg/l	1x	6030948	03/21/06	03/21/06 15:58	
P6C0652-04	**Water**	**MW-26**	**Sampled: 03/15/06 11:40**								
Mercury		EPA 7470A	ND		0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:00	
P6C0652-05	**Water**	**MW-33**	**Sampled: 03/15/06 10:00**								
Mercury		EPA 7470A	ND		0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:15	
P6C0652-06	**Water**	**MW-34**	**Sampled: 03/15/06 10:40**								
Mercury		EPA 7470A	ND		0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:17	
P6C0652-07	**Water**	**MW-36**	**Sampled: 03/15/06 09:15**								
Mercury		EPA 7470A	ND		0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:19	
P6C0652-08	**Water**	**MW-37**	**Sampled: 03/14/06 15:45**								
Mercury		EPA 7470A	ND		0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:22	
P6C0652-09	**Water**	**MW-40**	**Sampled: 03/14/06 16:30**								
Mercury		EPA 7470A	ND		0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:25	

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phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

BTEX Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-01 Water	**MW-8**	**Sampled: 03/15/06 11:10**								
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	6030826	03/18/06	03/18/06 13:58	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 91.0%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*98.5%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*95.5%*		*80 - 120 %*		"			"	
Toluene-d8		*98.5%*		*80 - 120 %*		"			"	
P6C0652-02 Water	**MW-25**	**Sampled: 03/15/06 12:20**								
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	6030826	03/18/06	03/18/06 14:24	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 89.0%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*104%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*100%*		*80 - 120 %*		"			"	
Toluene-d8		*92.5%*		*80 - 120 %*		"			"	
P6C0652-03 Water	**MW-8-D**	**Sampled: 03/15/06 11:10**								
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	6030826	03/18/06	03/18/06 14:51	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 92.5%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*99.5%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*96.5%*		*80 - 120 %*		"			"	
Toluene-d8		*100%*		*80 - 120 %*		"			"	
P6C0652-04 Water	**MW-26**	**Sampled: 03/15/06 11:40**								
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	6030826	03/18/06	03/18/06 15:18	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	**0.540**	----	0.500	"	"	"	"	"	
Xylenes (total)	"	**1.85**	----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 100%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*99.5%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*96.0%*		*80 - 120 %*		"			"	
Toluene-d8		*100%*		*80 - 120 %*		"			"	

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phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

BTEX Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-05	**Water**	**MW-33**	**Sampled: 03/15/06 10:00**								
Benzene		EPA 8260B	ND	——	0.500	ug/l	1x	6030826	03/18/06	03/18/06 15:45	
Toluene		"	ND	——	0.500	"	"	"	"	"	
Ethylbenzene		"	ND	——	0.500	"	"	"	"	"	
Xylenes (total)		"	ND	——	1.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*Recovery: 90.5%*		*Limits: 80 - 120 %*		"			"	
	1,2-DCA-d4		*104%*		*80 - 120 %*		"			"	
	Dibromofluoromethane		*101%*		*80 - 120 %*		"			"	
	Toluene-d8		*94.5%*		*80 - 120 %*		"			"	
P6C0652-06	**Water**	**MW-34**	**Sampled: 03/15/06 10:40**								
Benzene		EPA 8260B	ND	——	0.500	ug/l	1x	6030826	03/18/06	03/18/06 16:11	
Toluene		"	ND	——	0.500	"	"	"	"	"	
Ethylbenzene		"	ND	——	0.500	"	"	"	"	"	
Xylenes (total)		"	ND	——	1.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*Recovery: 87.5%*		*Limits: 80 - 120 %*		"			"	
	1,2-DCA-d4		*103%*		*80 - 120 %*		"			"	
	Dibromofluoromethane		*99.5%*		*80 - 120 %*		"			"	
	Toluene-d8		*92.0%*		*80 - 120 %*		"			"	
P6C0652-07	**Water**	**MW-36**	**Sampled: 03/15/06 09:15**								
Benzene		EPA 8260B	ND	——	0.500	ug/l	1x	6030826	03/18/06	03/18/06 16:38	
Toluene		"	ND	——	0.500	"	"	"	"	"	
Ethylbenzene		"	ND	——	0.500	"	"	"	"	"	
Xylenes (total)		"	ND	——	1.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*Recovery: 86.0%*		*Limits: 80 - 120 %*		"			"	
	1,2-DCA-d4		*104%*		*80 - 120 %*		"			"	
	Dibromofluoromethane		*100%*		*80 - 120 %*		"			"	
	Toluene-d8		*90.5%*		*80 - 120 %*		"			"	
P6C0652-08	**Water**	**MW-37**	**Sampled: 03/14/06 15:45**								
Benzene		EPA 8260B	ND	——	0.500	ug/l	1x	6030826	03/18/06	03/18/06 17:04	
Toluene		"	ND	——	0.500	"	"	"	"	"	
Ethylbenzene		"	ND	——	0.500	"	"	"	"	"	
Xylenes (total)		"	ND	——	1.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*Recovery: 95.5%*		*Limits: 80 - 120 %*		"			"	
	1,2-DCA-d4		*99.5%*		*80 - 120 %*		"			"	
	Dibromofluoromethane		*98.0%*		*80 - 120 %*		"			"	
	Toluene-d8		*95.0%*		*80 - 120 %*		"			"	

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phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

BTEX Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-09 Water	**MW-40**	**Sampled: 03/14/06 16:30**								
Benzene	EPA 8260B	ND	----	0.500	ug/l	1x	6030826	03/18/06	03/18/06 17:31	
Toluene	"	ND	----	0.500	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Xylenes (total)	"	ND	----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 91.5%*		*Limits: 80 - 120 %*	"				"	
1,2-DCA-d4		*102%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*99.0%*		*80 - 120 %*	"				"	
Toluene-d8		*87.0%*		*80 - 120 %*	"				"	

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Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-01 Water	**MW-8**	**Sampled: 03/15/06 11:10**								
Acenaphthene	EPA 8270m	ND		0.0194	ug/l	1x	6030723	03/16/06	03/23/06 06:25	
Acenaphthylene	"	ND		0.0194	"	"	"	"	"	
Anthracene	"	ND		0.0194	"	"	"	"	"	
Benzo (a) anthracene	"	ND		0.0194	"	"	"	"	"	
Benzo (a) pyrene	"	ND		0.0194	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND		0.0194	"	"	"	"	"	
Benzo (ghi) perylene	"	ND		0.0194	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND		0.0194	"	"	"	"	"	
Chrysene	"	ND		0.0194	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND		0.0194	"	"	"	"	"	
Fluoranthene	"	ND		0.0194	"	"	"	"	"	
Fluorene	"	ND		0.0194	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND		0.0194	"	"	"	"	"	
Naphthalene	"	ND		0.155	"	"	"	"	"	R-03
Phenanthrene	"	ND		0.0194	"	"	"	"	"	
Pyrene	"	ND		0.0194	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 56.8%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*72.4%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*69.5%*		*10 - 125 %*	"				"	
P6C0652-02 Water	**MW-25**	**Sampled: 03/15/06 12:20**								
Acenaphthene	EPA 8270m	**0.112**		0.0192	ug/l	1x	6030723	03/16/06	03/30/06 17:22	
Acenaphthylene	"	ND		0.0192	"	"	"	"	"	
Anthracene	"	ND		0.0192	"	"	"	"	"	
Benzo (a) anthracene	"	ND		0.0192	"	"	"	"	"	
Benzo (a) pyrene	"	ND		0.0192	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND		0.0192	"	"	"	"	"	
Benzo (ghi) perylene	"	ND		0.0192	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND		0.0192	"	"	"	"	"	
Chrysene	"	ND		0.0192	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND		0.0192	"	"	"	"	"	
Fluoranthene	"	ND		0.0192	"	"	"	"	"	
Fluorene	"	ND		0.0192	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND		0.0192	"	"	"	"	"	
Naphthalene	"	ND		0.135	"	"	"	"	"	R-03
Phenanthrene	"	ND		0.0192	"	"	"	"	"	
Pyrene	"	**0.0255**		0.0192	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 52.9%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*64.6%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*61.2%*		*10 - 125 %*	"				"	

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Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-03 Water	**MW-8-D**	**Sampled: 03/15/06 11:10**								
Acenaphthene	EPA 8270m	**0.0260**	----	0.0192	ug/l	1x	6030723	03/16/06	03/30/06 17:49	
Acenaphthylene	"	ND	----	0.0192	"	"	"	"	"	
Anthracene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0192	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0192	"	"	"	"	"	
Chrysene	"	ND	----	0.0192	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0192	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0192	"	"	"	"	"	
Fluorene	"	ND	----	0.0192	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0192	"	"	"	"	"	
Naphthalene	"	ND	----	0.125	"	"	"	"	"	R-03
Phenanthrene	"	ND	----	0.0192	"	"	"	"	"	
Pyrene	"	ND	----	0.0192	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 60.0%*		*Limits: 25 - 125 %*		"			"	
Pyrene-d10		*70.8%*		*23 - 150 %*		"			"	
Benzo (a) pyrene-d12		*63.3%*		*10 - 125 %*		"			"	
P6C0652-04 Water	**MW-26**	**Sampled: 03/15/06 11:40**								**R-05**
Acenaphthene	EPA 8270m	**1.01**	----	0.192	ug/l	10x	6030723	03/16/06	03/30/06 18:17	
Acenaphthylene	"	ND	----	0.192	"	"	"	"	"	
Anthracene	"	ND	----	0.192	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.192	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.192	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.192	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.192	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.192	"	"	"	"	"	
Chrysene	"	ND	----	0.192	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.192	"	"	"	"	"	
Fluoranthene	"	**0.225**	----	0.192	"	"	"	"	"	
Fluorene	"	**0.883**	----	0.192	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.192	"	"	"	"	"	
Naphthalene	"	ND	----	3.75	"	"	"	"	"	R-03
Phenanthrene	"	**0.538**	----	0.192	"	"	"	"	"	
Pyrene	"	ND	----	0.192	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 66.2%*		*Limits: 25 - 125 %*		"			"	
Pyrene-d10		*77.5%*		*23 - 150 %*		"			"	
Benzo (a) pyrene-d12		*71.2%*		*10 - 125 %*		"			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-05 Water	**MW-33**	**Sampled: 03/15/06 10:00**								
Acenaphthene	EPA 8270m	ND	——	0.0200	ug/l	1x	6030723	03/16/06	03/30/06 18:44	
Acenaphthylene	"	ND	——	0.0200	"	"	"	"	"	
Anthracene	"	ND	——	0.0200	"	"	"	"	"	
Benzo (a) anthracene	"	ND	——	0.0200	"	"	"	"	"	
Benzo (a) pyrene	"	ND	——	0.0200	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	——	0.0200	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	——	0.0200	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	——	0.0200	"	"	"	"	"	
Chrysene	"	ND	——	0.0200	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	——	0.0200	"	"	"	"	"	
Fluoranthene	"	ND	——	0.0200	"	"	"	"	"	
Fluorene	"	ND	——	0.0200	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	——	0.0200	"	"	"	"	"	
Naphthalene	"	ND	——	0.0200	"	"	"	"	"	
Phenanthrene	"	ND	——	0.0200	"	"	"	"	"	
Pyrene	"	ND	——	0.0200	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 72.4%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*82.8%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*64.0%*		*10 - 125 %*	"				"	
P6C0652-06 Water	**MW-34**	**Sampled: 03/15/06 10:40**								
Acenaphthene	EPA 8270m	**0.118**	——	0.0198	ug/l	1x	6030723	03/16/06	03/30/06 19:11	
Acenaphthylene	"	ND	——	0.0198	"	"	"	"	"	
Anthracene	"	ND	——	0.0198	"	"	"	"	"	
Benzo (a) anthracene	"	ND	——	0.0198	"	"	"	"	"	
Benzo (a) pyrene	"	ND	——	0.0198	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	——	0.0198	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	——	0.0198	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	——	0.0198	"	"	"	"	"	
Chrysene	"	ND	——	0.0198	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	——	0.0198	"	"	"	"	"	
Fluoranthene	"	ND	——	0.0198	"	"	"	"	"	
Fluorene	"	ND	——	0.0198	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	——	0.0198	"	"	"	"	"	
Naphthalene	"	ND	——	0.0990	"	"	"	"	"	R-03
Phenanthrene	"	ND	——	0.0198	"	"	"	"	"	
Pyrene	"	ND	——	0.0198	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 77.8%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*84.7%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*74.6%*		*10 - 125 %*	"				"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-07 Water	**MW-36**	**Sampled: 03/15/06 09:15**								
Acenaphthene	EPA 8270m	**0.0302**	—	0.0194	ug/l	1x	6030723	03/16/06	03/30/06 19:39	
Acenaphthylene	"	ND	—	0.0194	"	"	"	"	"	
Anthracene	"	ND	—	0.0194	"	"	"	"	"	
Benzo (a) anthracene	"	ND	—	0.0194	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0194	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0194	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0194	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0194	"	"	"	"	"	
Chrysene	"	ND	—	0.0194	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0194	"	"	"	"	"	
Fluoranthene	"	ND	—	0.0194	"	"	"	"	"	
Fluorene	"	ND	—	0.0194	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0194	"	"	"	"	"	
Naphthalene	"	ND	—	0.0388	"	"	"	"	"	R-03
Phenanthrene	"	ND	—	0.0194	"	"	"	"	"	
Pyrene	"	**0.0226**	—	0.0194	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 81.5%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*89.7%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*79.0%*		*10 - 125 %*	"				"	
P6C0652-08 Water	**MW-37**	**Sampled: 03/14/06 15:45**								**R-05**
Acenaphthene	EPA 8270m	**0.737**	—	0.0962	ug/l	5x	6030723	03/16/06	03/30/06 20:06	
Acenaphthylene	"	ND	—	0.433	"	"	"	"	"	R-03
Anthracene	"	ND	—	0.0962	"	"	"	"	"	
Benzo (a) anthracene	"	ND	—	0.0962	"	"	"	"	"	
Benzo (a) pyrene	"	**0.150**	—	0.0962	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0962	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.319**	—	0.0962	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0962	"	"	"	"	"	
Chrysene	"	ND	—	0.0962	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0962	"	"	"	"	"	
Fluoranthene	"	ND	—	0.0962	"	"	"	"	"	
Fluorene	"	**1.18**	—	0.0962	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.214**	—	0.0962	"	"	"	"	"	
Naphthalene	"	ND	—	1.49	"	"	"	"	"	R-03
Phenanthrene	"	**0.160**	—	0.0962	"	"	"	"	"	
Pyrene	"	**0.119**	—	0.0962	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 44.2%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*60.8%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*62.1%*		*10 - 125 %*	"				"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0652-09 Water	**MW-40**	**Sampled: 03/14/06 16:30**								
Acenaphthene	EPA 8270m	**0.0716**	-----	0.0192	ug/l	1x	6030723	03/16/06	03/30/06 20:33	
Acenaphthylene	"	ND	-----	0.0192	"	"	"	"	"	
Anthracene	"	ND	-----	0.0192	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0192	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0192	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0192	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0192	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0192	"	"	"	"	"	
Chrysene	"	ND	-----	0.0192	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	0.0192	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.0192	"	"	"	"	"	
Fluorene	"	ND	-----	0.0192	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0192	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0769	"	"	"	"	"	R-03
Phenanthrene	"	**0.0297**	-----	0.0192	"	"	"	"	"	
Pyrene	"	ND	-----	0.0192	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 80.8%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*86.7%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*70.4%*		*10 - 125 %*	"				"	

North Creek Analytical - Portland

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phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6031095 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6031095-BLK1)							Extracted: 03/23/06 11:56							
Arsenic	EPA 6020	ND	—	0.00100	mg/l	1x	—	—	—	—	—	—	03/24/06 04:30	
Barium	"	ND	—	0.00100	"	"	—	—	—	—	—	—	"	
Cadmium	"	ND	—	0.00100	"	"	—	—	—	—	—	—	"	
Chromium	"	ND	—	0.00100	"	"	—	—	—	—	—	—	"	
Copper	"	ND	—	0.00200	"	"	—	—	—	—	—	—	"	
Lead	"	ND	—	0.00100	"	"	—	—	—	—	—	—	"	
Selenium	"	ND	—	0.00200	"	"	—	—	—	—	—	—	"	
Silver	"	ND	—	0.00100	"	"	—	—	—	—	—	—	"	
Zinc	"	ND	—	0.00500	"	"	—	—	—	—	—	—	"	
LCS (6031095-BS1)							Extracted: 03/23/06 11:56							
Arsenic	EPA 6020	0.104	—	0.00100	mg/l	1x	—	0.100	104%	(80-120)	—	—	03/24/06 04:37	
Barium	"	0.100	—	0.00100	"	"	—	"	100%	"	—	—	"	
Cadmium	"	0.0968	—	0.00100	"	"	—	"	96.8%	"	—	—	"	
Chromium	"	0.101	—	0.00100	"	"	—	"	101%	"	—	—	"	
Copper	"	0.103	—	0.00200	"	"	—	"	103%	"	—	—	"	
Lead	"	0.0959	—	0.00100	"	"	—	"	95.9%	"	—	—	"	
Selenium	"	0.0465	—	0.00200	"	"	—	0.0500	93.0%	"	—	—	"	
Silver	"	0.0473	—	0.00100	"	"	—	"	94.6%	"	—	—	"	
Zinc	"	0.104	—	0.00500	"	"	—	0.100	104%	"	—	—	"	
Duplicate (6031095-DUP1)					QC Source: P6C0651-01			Extracted: 03/23/06 11:56						
Arsenic	EPA 6020	0.0411	—	0.00100	mg/l	1x	0.0423	—	—	—	2.88%	(20)	03/24/06 04:53	
Barium	"	0.106	—	0.00100	"	"	0.105	—	—	—	0.948%	"	"	
Cadmium	"	ND	—	0.00100	"	"	ND	—	—	—	73.4%	"	"	Q-06
Chromium	"	0.00205	—	0.00100	"	"	0.00192	—	—	—	6.55%	"	"	
Copper	"	0.00525	—	0.00200	"	"	0.00534	—	—	—	1.70%	"	"	
Lead	"	0.00283	—	0.00100	"	"	0.00285	—	—	—	0.704%	"	"	
Selenium	"	ND	—	0.00200	"	"	ND	—	—	—	22.0%	"	"	Q-06
Silver	"	ND	—	0.00100	"	"	ND	—	—	—	NR	"	"	
Zinc	"	0.0394	—	0.00500	"	"	0.0396	—	—	—	0.506%	"	"	

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Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
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Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6031095 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6031095-MS1)				QC Source: P6C0651-01				Extracted: 03/23/06 11:56						
Arsenic	EPA 6020	0.149	—	0.00100	mg/l	1x	0.0423	0.100	107%	(75-125)	—	—	03/24/06 05:08	
Barium	"	0.200	—	0.00100	"	"	0.105	"	95.0%	"	—	—	"	
Cadmium	"	0.0984	—	0.00100	"	"	0.000283	"	98.1%	"	—	—	"	
Chromium	"	0.101	—	0.00100	"	"	0.00192	"	99.1%	"	—	—	"	
Copper	"	0.107	—	0.00200	"	"	0.00534	"	102%	"	—	—	"	
Lead	"	0.0941	—	0.00100	"	"	0.00285	"	91.2%	"	—	—	"	
Selenium	"	0.0482	—	0.00200	"	"	0.000849	0.0500	94.7%	"	—	—	"	
Silver	"	0.0467	—	0.00100	"	"	ND	"	93.4%	"	—	—	"	
Zinc	"	0.140	—	0.00500	"	"	0.0396	0.100	100%	"	—	—	"	
Matrix Spike (6031095-MS2)				QC Source: P6C0651-11				Extracted: 03/23/06 11:56						
Arsenic	EPA 6020	0.112	—	0.00100	mg/l	1x	0.00453	0.100	107%	(75-125)	—	—	03/24/06 06:46	
Barium	"	0.313	—	0.00100	"	"	0.216	"	97.0%	"	—	—	"	
Cadmium	"	0.0967	—	0.00100	"	"	ND	"	96.7%	"	—	—	"	
Chromium	"	0.107	—	0.00100	"	"	0.00823	"	98.8%	"	—	—	"	
Copper	"	0.111	—	0.00200	"	"	0.0105	"	100%	"	—	—	"	
Lead	"	0.0954	—	0.00100	"	"	0.00692	"	88.5%	"	—	—	"	
Selenium	"	0.0484	—	0.00200	"	"	0.000838	0.0500	95.1%	"	—	—	"	
Silver	"	0.0469	—	0.00100	"	"	ND	"	93.8%	"	—	—	"	
Zinc	"	0.127	—	0.00500	"	"	0.0273	0.100	99.7%	"	—	—	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/03/06 18:00

Total Mercury per EPA Method 7470A - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030948 **Water Preparation Method: EPA 245.1**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6030948-BLK1)								Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	ND	—	0.000200	mg/l	1x	–	–	–	–	–	–	03/21/06 15:35	
LCS (6030948-BS1)								Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	0.00482	—	0.000200	mg/l	1x	–	0.00500	96.4%	(85-115)	–	–	03/21/06 15:37	
LCS Dup (6030948-BSD1)								Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	0.00501	—	0.000200	mg/l	1x	–	0.00500	100%	(85-115)	3.87%	(20)	03/21/06 15:42	
Duplicate (6030948-DUP1)				QC Source: P6C0652-01				Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	ND	—	0.000200	mg/l	1x	ND	–	–	–	NR	(20)	03/21/06 15:45	
Matrix Spike (6030948-MS1)				QC Source: P6C0652-01				Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	0.00508	—	0.000200	mg/l	1x	ND	0.00500	102%	(75-125)	–	–	03/21/06 15:48	
Matrix Spike Dup (6030948-MSD1)				QC Source: P6C0652-01				Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	0.00503	—	0.000200	mg/l	1x	ND	0.00500	101%	(75-125)	0.989%	(20)	03/21/06 15:50	

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

BTEX Compounds per EPA Method 8260B - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030826 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6030826-BLK1)							Extracted: 03/18/06 09:39							
Benzene	EPA 8260B	ND	—	0.500	ug/l	1x	—	—	—	—	—	—	03/18/06 13:31	
Toluene	"	ND	—	0.500	"	"	—	—	—	—	—	—	"	
Ethylbenzene	"	ND	—	0.500	"	"	—	—	—	—	—	—	"	
Xylenes (total)	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Surrogate(s): 4-BFB		*Recovery:*	*89.0%*		*Limits:*	*80-120%*	"						*03/18/06 13:31*	
1,2-DCA-d4			*104%*			*80-120%*	"						"	
Dibromofluoromethane			*100%*			*80-120%*	"						"	
Toluene-d8			*98.0%*			*80-120%*	"						"	
LCS (6030826-BS1)							Extracted: 03/18/06 09:39							
Benzene	EPA 8260B	21.6	—	0.500	ug/l	1x	—	20.0	108%	(80-120)	—	—	03/18/06 11:43	
Toluene	"	21.2	—	0.500	"	"	—	"	106%	(80-124)	—	—	"	
Ethylbenzene	"	21.9	—	0.500	"	"	—	"	110%	(80-120)	—	—	"	
Xylenes (total)	"	65.9	—	1.00	"	"	—	60.0	110%	(73-124)	—	—	"	
Surrogate(s): 4-BFB		*Recovery:*	*106%*		*Limits:*	*80-120%*	"						*03/18/06 11:43*	
1,2-DCA-d4			*99.0%*			*80-120%*	"						"	
Dibromofluoromethane			*101%*			*80-120%*	"						"	
Toluene-d8			*103%*			*80-120%*	"						"	
Matrix Spike (6030826-MS1)					QC Source: P6C0652-01		Extracted: 03/18/06 09:39							
Benzene	EPA 8260B	21.1	—	0.500	ug/l	1x	ND	20.0	106%	(80-124)	—	—	03/18/06 12:11	
Toluene	"	20.5	—	0.500	"	"	0.110	"	102%	(79.7-131)	—	—	"	
Ethylbenzene	"	21.1	—	0.500	"	"	ND	"	106%	(80-124)	—	—	"	
Xylenes (total)	"	60.4	—	1.00	"	"	0.360	60.0	100%	(44.6-154)	—	—	"	
Surrogate(s): 4-BFB		*Recovery:*	*98.5%*		*Limits:*	*80-120%*	"						*03/18/06 12:11*	
1,2-DCA-d4			*97.0%*			*80-120%*	"						"	
Dibromofluoromethane			*98.0%*			*80-120%*	"						"	
Toluene-d8			*100%*			*80-120%*	"						"	
Matrix Spike Dup (6030826-MSD1)					QC Source: P6C0652-01		Extracted: 03/18/06 09:39							
Benzene	EPA 8260B	21.7	—	0.500	ug/l	1x	ND	20.0	108%	(80-124)	2.80%	(25)	03/18/06 12:38	
Toluene	"	21.0	—	0.500	"	"	0.110	"	104%	(79.7-131)	2.41%	"	"	
Ethylbenzene	"	21.7	—	0.500	"	"	ND	"	108%	(80-124)	2.80%	"	"	
Xylenes (total)	"	62.0	—	1.00	"	"	0.360	60.0	103%	(44.6-154)	2.61%	"	"	
Surrogate(s): 4-BFB		*Recovery:*	*99.0%*		*Limits:*	*80-120%*	"						*03/18/06 12:38*	
1,2-DCA-d4			*98.0%*			*80-120%*	"						"	
Dibromofluoromethane			*98.5%*			*80-120%*	"						"	
Toluene-d8			*99.5%*			*80-120%*	"						"	

North Creek Analytical - Portland

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Sarah Rockwell, Project Manager

North Creek Analytical, Inc.
Environmental Laboratory Network

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number: PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager: Tim Browning	04/03/06 18:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030723 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6030723-BLK1)									Extracted: 03/16/06 14:30					
Acenaphthene	EPA 8270m	ND	—	0.0200	ug/l	1x	--	--	--	--	--	--	03/22/06 20:06	
Acenaphthylene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	—	0.0200	"	"	--	--	--	--	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 26.2%*			*Limits: 25-125%*	"							*03/22/06 20:06*	
Pyrene-d10		*37.2%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*44.8%*			*10-125%*	"							"	
LCS (6030723-BS1)									Extracted: 03/16/06 14:30					
Acenaphthene	EPA 8270m	2.23	—	0.0200	ug/l	1x	--	2.50	89.2%	(35-120)	--	--	03/22/06 20:34	
Acenaphthylene	"	2.34	—	0.0200	"	"	--	"	93.6%	(34-116)	--	--	"	
Anthracene	"	1.93	—	0.0200	"	"	--	"	77.2%	(24-119)	--	--	"	
Benzo (a) anthracene	"	2.28	—	0.0200	"	"	--	"	91.2%	(36-128)	--	--	"	
Benzo (a) pyrene	"	2.03	—	0.0200	"	"	--	"	81.2%	(17-128)	--	--	"	
Benzo (b) fluoranthene	"	2.33	—	0.0200	"	"	--	"	93.2%	(37-131)	--	--	"	
Benzo (ghi) perylene	"	0.788	—	0.0200	"	"	--	"	31.5%	(26-126)	--	--	"	
Benzo (k) fluoranthene	"	2.01	—	0.0200	"	"	--	"	80.4%	(18-145)	--	--	"	
Chrysene	"	2.25	—	0.0200	"	"	--	"	90.0%	(16-137)	--	--	"	
Dibenzo (a,h) anthracene	"	0.732	—	0.0200	"	"	--	"	29.3%	(20-141)	--	--	"	
Fluoranthene	"	2.01	—	0.0200	"	"	--	"	80.4%	(31-125)	--	--	"	
Fluorene	"	2.52	—	0.0200	"	"	--	"	101%	(27-124)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	1.48	—	0.0200	"	"	--	"	59.2%	(30-135)	--	--	"	
Naphthalene	"	2.16	—	0.0200	"	"	--	"	86.4%	(30-113)	--	--	"	
Phenanthrene	"	1.96	—	0.0200	"	"	--	"	78.4%	(34-126)	--	--	"	
Pyrene	"	2.31	—	0.0200	"	"	--	"	92.4%	(21-141)	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 82.8%*			*Limits: 25-125%*	"							*03/22/06 20:34*	
Pyrene-d10		*73.2%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*81.2%*			*10-125%*	"							"	

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phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
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phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/03/06 18:00

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030723 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (6030723-BSD1)								Extracted: 03/16/06 14:30						
Acenaphthene	EPA 8270m	2.24	—	0.0200	ug/l	1x	—	2.50	89.6%	(35-120)	0.447%	(50)	03/22/06 21:02	
Acenaphthylene	"	2.29	—	0.0200	"	"	—	"	91.6%	(34-116)	2.16%	"	"	
Anthracene	"	1.79	—	0.0200	"	"	—	"	71.6%	(24-119)	7.53%	"	"	
Benzo (a) anthracene	"	2.21	—	0.0200	"	"	—	"	88.4%	(36-128)	3.12%	"	"	
Benzo (a) pyrene	"	1.80	—	0.0200	"	"	—	"	72.0%	(17-128)	12.0%	"	"	
Benzo (b) fluoranthene	"	2.32	—	0.0200	"	"	—	"	92.8%	(37-131)	0.430%	"	"	
Benzo (ghi) perylene	"	1.01	—	0.0200	"	"	—	"	40.4%	(26-126)	24.8%	"	"	
Benzo (k) fluoranthene	"	1.93	—	0.0200	"	"	—	"	77.2%	(18-145)	4.06%	"	"	
Chrysene	"	2.26	—	0.0200	"	"	—	"	90.4%	(16-137)	0.443%	"	"	
Dibenzo (a,h) anthracene	"	0.937	—	0.0200	"	"	—	"	37.5%	(20-141)	24.6%	"	"	
Fluoranthene	"	1.96	—	0.0200	"	"	—	"	78.4%	(31-125)	2.52%	"	"	
Fluorene	"	2.45	—	0.0200	"	"	—	"	98.0%	(27-124)	3.02%	"	"	
Indeno (1,2,3-cd) pyrene	"	1.58	—	0.0200	"	"	—	"	63.2%	(30-135)	6.54%	"	"	
Naphthalene	"	2.17	—	0.0200	"	"	—	"	86.8%	(30-113)	0.462%	"	"	
Phenanthrene	"	1.92	—	0.0200	"	"	—	"	76.8%	(34-126)	2.06%	"	"	
Pyrene	"	2.32	—	0.0200	"	"	—	"	92.8%	(21-141)	0.432%	"	"	
Surrogate(s): Fluorene-d10		*Recovery:*	*86.0%*		*Limits:*	*25-125%*	"						*03/22/06 21:02*	
Pyrene-d10			*76.0%*			*23-150%*	"						"	
Benzo (a) pyrene-d12			*82.4%*			*10-125%*	"						"	

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phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge / KMEP**	
7150 SW Hampton - Suite 220	Project Number:	PTWB-03A-6	Report Created:
Tigard, OR 97223	Project Manager:	Tim Browning	04/03/06 18:00

Notes and Definitions

Report Specific Notes:

Q-06 - RPD is not applicable for analyte concentrations less than 5 times the MRL.

R-03 - The reporting limit for this analyte was raised due to matrix interference.

R-05 - Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.

Laboratory Reporting Conventions:

DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

NR / NA - Not Reported / Not Available

dry - Sample results reported on a dry weight basis. Reporting Limits have been corrected for %Solids.

wet - Sample results and reporting limits reported on a wet weight basis (as received).

RPD - Relative Percent Difference. (RPDs calculated using Results, not Percent Recoveries).

MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

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11922 E 1st Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
20332 Empire Ave, Ste F1, Bend, OR 97701-5712 541-383-9310 FAX 382-7588
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: P6C0652

NCA CLIENT: Delta Environmental
REPORT TO: Tim Browning / 7150 SW Hampton
ADDRESS: Suite 220 / Tigard, OR 97223
PHONE: 503-639-8098 FAX: 503-639-7619
PROJECT NAME: Kinder Morgan Willbridge terminal
PROJECT NUMBER: ~~PTKM~~ PTWB-03A-6
SAMPLED BY: KCM / CRF

INVOICE TO: Robert Trvedinger @ Kinder Morgan
P.O. NUMBER:

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analyses: 10 (STD) 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: 5 (STD) 4 3 1 1 <1
OTHER Specify:
* Turnaround Requests Less than Standard may Have Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	BTEX	PAHs 8270	RCRA 8 + copper + zinc	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	NCA WO ID
1	MW-8	3/15 1110	X	X	X	W	5		
2	MW-25	3/15 1220	↓	↓	↓	W	5		
3	MW-8-D	3/15 1110	↓	↓	↓	W	5		
4	MW-26	3/15 1140	↓	↓	↓	W	5		
5	MW-33	3/15 1000	↓	↓	↓	W	5		
6	MW-34	3/15 1040	↓	↓	↓	W	5		
7	MW-36	3/15 0915	↓	↓	↓	W	5		
8	MW-37	3/14 1545	↓	↓	↓	W	5		
9	MW-40	3/14 1630	↓	↓	↓	W	5		
10									

RELEASED BY: Kmcfrim DATE: 3/15/06
PRINT NAME: K. McQuinn FIRM: Delta TIME: 1515

RECEIVED BY: [signature] DATE: 3-15-06
PRINT NAME: Allyson FIRM: nca TIME: 15:15

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

1.0 TEMP: 1.5

PAGE OF

COC REV 09/04

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509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
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907.563.9200 fax 907.563.9210

April 03, 2006

Kathryn Dominic
SAIC
1220 SW Morrison Suite 500
Portland, OR 97205

RE: Chevron #100-1868, Portland, OR

Enclosed are the results of analyses for samples received by the laboratory on 03/15/06 15:41.
The following list is a summary of the NCA Work Orders contained in this report.
If you have any questions concerning this report, please feel free to contact me.

Work	Project	ProjectNumber
P6C0675	Chevron #100-1868, Portland,	100-1868-OML

Thank You,

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

North Creek Analytical, Inc.
Environmental Laboratory Network

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phone: (425) 420.9200 fax: (425) 420.9210
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phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-19	P6C0675-01	Water	03/14/06 16:38	03/15/06 15:41
B-32	P6C0675-02	Water	03/15/06 10:35	03/15/06 15:41
B-33	P6C0675-03	Water	03/15/06 10:00	03/15/06 15:41
B-10	P6C0675-04	Water	03/14/06 15:40	03/15/06 15:41
B-21	P6C0675-05	Water	03/15/06 11:00	03/15/06 15:41
B-28	P6C0675-06	Water	03/14/06 16:40	03/15/06 15:41
B-29	P6C0675-07	Water	03/14/06 15:50	03/15/06 15:41
B-30	P6C0675-08	Water	03/14/06 14:50	03/15/06 15:41
MW-100	P6C0675-09	Water	03/15/06 14:30	03/15/06 15:41

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phone: (425) 420.9200 fax: (425) 420.9210
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SAIC	Project Name:	Chevron #100-1868, Portland, OR
1220 SW Morrison Suite 500	Project Number:	100-1868-OML
Portland, OR 97205	Project Manager:	Kathryn Dominic
		Report Created: 04/03/06 18:11

Total Metals per EPA 6000/7000 Series Methods

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-01 Water B-19 Sampled: 03/14/06 16:38										
Arsenic	EPA 6020	0.0523	----	0.00100	mg/l	1x	6030905	03/20/06	03/27/06 08:18	
Barium	"	0.113	----	0.00100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	0.00391	----	0.00100	"	"	"	"	"	
Copper	"	0.00568	----	0.00200	"	"	"	"	"	
Lead	"	0.00167	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00200	"	"	"	"	03/27/06 22:01	
Silver	"	ND	----	0.00100	"	"	"	"	03/27/06 08:18	
Zinc	"	0.0117	----	0.00500	"	"	"	"	03/27/06 22:01	
P6C0675-02 Water B-32 Sampled: 03/15/06 10:35										
Arsenic	EPA 6020	0.00684	----	0.00100	mg/l	1x	6030905	03/20/06	03/27/06 08:34	
Barium	"	0.0823	----	0.00100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	0.00316	----	0.00100	"	"	"	"	"	
Copper	"	0.00551	----	0.00200	"	"	"	"	"	
Lead	"	0.00222	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00200	"	"	"	"	03/27/06 22:17	
Silver	"	ND	----	0.00100	"	"	"	"	03/27/06 08:34	
Zinc	"	0.0110	----	0.00500	"	"	"	"	03/27/06 22:17	
P6C0675-03 Water B-33 Sampled: 03/15/06 10:00										
Arsenic	EPA 6020	0.00579	----	0.00100	mg/l	1x	6030905	03/20/06	03/27/06 08:50	
Barium	"	0.0494	----	0.00100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	0.00261	----	0.00100	"	"	"	"	"	
Copper	"	0.00665	----	0.00200	"	"	"	"	"	
Lead	"	0.00441	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00200	"	"	"	"	03/27/06 22:33	
Silver	"	ND	----	0.00100	"	"	"	"	03/27/06 08:50	
Zinc	"	0.0683	----	0.00500	"	"	"	"	03/27/06 22:33	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR
1220 SW Morrison Suite 500	Project Number:	100-1868-OML
Portland, OR 97205	Project Manager:	Kathryn Dominic

Report Created: 04/03/06 18:11

Total Metals per EPA 6000/7000 Series Methods

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-04 Water B-10 Sampled: 03/14/06 15:40										
Arsenic	EPA 6020	0.0366	----	0.00100	mg/l	1x	6030905	03/20/06	03/27/06 09:05	
Barium	"	0.0659	----	0.00100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	ND	----	0.00100	"	"	"	"	"	
Copper	"	ND	----	0.00200	"	"	"	"	"	
Lead	"	ND	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00200	"	"	"	"	03/27/06 22:49	
Silver	"	ND	----	0.00100	"	"	"	"	03/27/06 09:05	
Zinc	"	ND	----	0.00500	"	"	"	"	03/27/06 22:49	
P6C0675-05 Water B-21 Sampled: 03/15/06 11:00										
Arsenic	EPA 6020	0.0531	----	0.00100	mg/l	1x	6030905	03/20/06	03/27/06 09:21	
Barium	"	0.0866	----	0.00100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	0.00302	----	0.00100	"	"	"	"	"	
Copper	"	ND	----	0.00200	"	"	"	"	"	
Lead	"	ND	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00200	"	"	"	"	03/27/06 23:04	
Silver	"	ND	----	0.00100	"	"	"	"	03/27/06 09:21	
Zinc	"	ND	----	0.00500	"	"	"	"	03/27/06 23:04	
P6C0675-06 Water B-28 Sampled: 03/14/06 16:40										
Arsenic	EPA 6020	0.00640	----	0.00100	mg/l	1x	6030905	03/20/06	03/27/06 09:37	
Barium	"	0.192	----	0.00100	"	"	"	"	"	
Cadmium	"	0.00287	----	0.00100	"	"	"	"	"	
Chromium	"	0.0316	----	0.00100	"	"	"	"	"	
Copper	"	0.139	----	0.00200	"	"	"	"	"	
Lead	"	0.172	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00200	"	"	"	"	03/27/06 23:20	
Silver	"	ND	----	0.00100	"	"	"	"	03/27/06 09:37	
Zinc	"	0.451	----	0.00500	"	"	"	"	03/27/06 23:20	

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phone: (425) 420.9200 fax: (425) 420.9210
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SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Total Metals per EPA 6000/7000 Series Methods

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-07 Water B-29 Sampled: 03/14/06 15:50										
Arsenic	EPA 6020	0.00126	----	0.00100	mg/l	1x	6030905	03/20/06	03/27/06 15:42	
Barium	"	0.0986	----	0.00100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	0.00234	----	0.00100	"	"	"	"	"	
Copper	"	0.00834	----	0.00200	"	"	"	"	"	
Lead	"	0.00352	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00200	"	"	"	"	"	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	0.0136	----	0.00500	"	"	"	"	"	
P6C0675-08 Water B-30 Sampled: 03/14/06 14:50										
Arsenic	EPA 6020	0.0206	----	0.00100	mg/l	1x	6030905	03/20/06	03/27/06 15:58	
Barium	"	0.0668	----	0.00100	"	"	"	"	"	
Cadmium	"	ND	----	0.00100	"	"	"	"	"	
Chromium	"	ND	----	0.00100	"	"	"	"	"	
Copper	"	0.00269	----	0.00200	"	"	"	"	"	
Lead	"	0.00202	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00200	"	"	"	"	"	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	0.00557	----	0.00500	"	"	"	"	"	
P6C0675-09 Water MW-100 Sampled: 03/15/06 14:30										
Arsenic	EPA 6020	0.0204	----	0.00100	mg/l	1x	6030905	03/20/06	03/27/06 16:14	
Barium	"	0.0692	----	0.00100	"	"	"	"	"	
Cadmium	"	0.00102	----	0.00100	"	"	"	"	"	
Chromium	"	0.00103	----	0.00100	"	"	"	"	"	
Copper	"	0.00323	----	0.00200	"	"	"	"	"	
Lead	"	0.00255	----	0.00100	"	"	"	"	"	
Selenium	"	ND	----	0.00200	"	"	"	"	"	
Silver	"	ND	----	0.00100	"	"	"	"	"	
Zinc	"	0.00750	----	0.00500	"	"	"	"	"	

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phone: (509) 924.9200 fax: (509) 924.9290
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SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Total Mercury per EPA Method 7470A

North Creek Analytical - Portland

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-01	**Water**	**B-19**	**Sampled: 03/14/06 16:38**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:27	
P6C0675-02	**Water**	**B-32**	**Sampled: 03/15/06 10:35**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:31	
P6C0675-03	**Water**	**B-33**	**Sampled: 03/15/06 10:00**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:34	
P6C0675-04	**Water**	**B-10**	**Sampled: 03/14/06 15:40**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:36	
P6C0675-05	**Water**	**B-21**	**Sampled: 03/15/06 11:00**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:39	
P6C0675-06	**Water**	**B-28**	**Sampled: 03/14/06 16:40**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:46	
P6C0675-07	**Water**	**B-29**	**Sampled: 03/14/06 15:50**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:56	
P6C0675-08	**Water**	**B-30**	**Sampled: 03/14/06 14:50**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030948	03/21/06	03/21/06 16:58	
P6C0675-09	**Water**	**MW-100**	**Sampled: 03/15/06 14:30**								
Mercury		EPA 7470A	ND	----	0.000200	mg/l	1x	6030948	03/21/06	03/21/06 17:00	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-01 Water	**B-19**	**Sampled: 03/14/06 16:38**								
Acetone	EPA 8260B	ND	——	25.0	ug/l	1x	6030955	03/21/06	03/21/06 21:41	
Benzene	"	ND	——	1.00	"	"	"	"	"	
Bromobenzene	"	ND	——	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	——	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	——	1.00	"	"	"	"	"	
Bromoform	"	ND	——	1.00	"	"	"	"	"	
Bromomethane	"	ND	——	5.00	"	"	"	"	"	
2-Butanone	"	ND	——	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	——	5.00	"	"	"	"	"	
sec-Butylbenzene	"	**3.41**	——	1.00	"	"	"	"	"	
tert-Butylbenzene	"	**2.76**	——	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	——	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	——	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	——	1.00	"	"	"	"	"	
Chloroethane	"	ND	——	1.00	"	"	"	"	"	
Chloroform	"	ND	——	1.00	"	"	"	"	"	
Chloromethane	"	ND	——	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	——	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	——	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	——	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	——	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	——	1.00	"	"	"	"	"	
Dibromomethane	"	ND	——	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	——	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	——	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	——	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	——	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	——	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	——	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	——	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	——	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	——	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	——	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	——	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	——	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	——	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	——	4.00	"	"	"	"	"	
2-Hexanone	"	ND	——	10.0	"	"	"	"	"	
Isopropylbenzene	"	**27.6**	——	2.00	"	"	"	"	"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

North Creek Analytical, Inc.
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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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phone: (541) 383.9310 fax: 541.382.7588
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phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-01 Water B-19 Sampled: 03/14/06 16:38										
p-Isopropyltoluene	EPA 8260B	ND	----	2.00	ug/l	1x	6030955	03/21/06	03/21/06 21:41	
4-Methyl-2-pentanone	"	ND	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	**40.9**	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	**1.11**	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	**2.21**	----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 98.5%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*99.5%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*94.5%*		*80 - 120 %*		"			"	
Toluene-d8		*93.0%*		*80 - 120 %*		"			"	
P6C0675-02 Water B-32 Sampled: 03/15/06 10:35										
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	6030955	03/21/06	03/21/06 22:07	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-02 Water B-32 Sampled: 03/15/06 10:35										
Chlorobenzene	EPA 8260B	ND	----	1.00	ug/l	1x	6030955	03/21/06	03/21/06 22:07	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	**1.84**	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-02 Water B-32 Sampled: 03/15/06 10:35										
1,1,1-Trichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	6030955	03/21/06	03/21/06 22:07	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 91.0%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*102%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*95.5%*		*80 - 120 %*		"			"	
Toluene-d8		*92.0%*		*80 - 120 %*		"			"	
P6C0675-03 Water B-33 Sampled: 03/15/06 10:00										
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	6030955	03/21/06	03/21/06 22:34	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-03 Water B-33 Sampled: 03/15/06 10:00										
Dichlorodifluoromethane	EPA 8260B	ND	----	5.00	ug/l	1x	6030955	03/21/06	03/21/06 22:34	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	2.79	----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	3.13	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 96.0%*		*Limits: 80 - 120 %*		"			"	
1,2-DCA-d4		*97.0%*		*80 - 120 %*		"			"	
Dibromofluoromethane		*93.5%*		*80 - 120 %*		"			"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
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SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-03 Water	**B-33**	**Sampled: 03/15/06 10:00**								
Toluene-d8		*91.5%*			*80 - 120 %*	*1x*			*03/21/06 22:34*	
P6C0675-04 Water	**B-10**	**Sampled: 03/14/06 15:40**								
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	6030955	03/21/06	03/21/06 23:01	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	1.88	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	1.62	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-04 Water B-10 Sampled: 03/14/06 15:40										
Hexachlorobutadiene	EPA 8260B	ND		4.00	ug/l	1x	6030955	03/21/06	03/21/06 23:01	
2-Hexanone	"	ND		10.0	"	"	"	"	"	
Isopropylbenzene	"	**7.41**		2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND		2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND		5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND		1.00	"	"	"	"	"	
Methylene chloride	"	ND		5.00	"	"	"	"	"	
Naphthalene	"	ND		2.00	"	"	"	"	"	
n-Propylbenzene	"	**14.6**		1.00	"	"	"	"	"	
Styrene	"	ND		1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND		1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND		1.00	"	"	"	"	"	
Tetrachloroethene	"	ND		1.00	"	"	"	"	"	
Toluene	"	**1.08**		1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND		1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND		1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND		1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND		1.00	"	"	"	"	"	
Trichloroethene	"	ND		1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND		1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND		1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND		1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND		1.00	"	"	"	"	"	
Vinyl chloride	"	ND		1.00	"	"	"	"	"	
o-Xylene	"	ND		1.00	"	"	"	"	"	
m,p-Xylene	"	ND		2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*Recovery: 97.0%*			*Limits: 80 - 120 %*	"			"	
1,2-DCA-d4		*99.5%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*93.5%*			*80 - 120 %*	"			"	
Toluene-d8		*91.5%*			*80 - 120 %*	"			"	

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Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-05 Water B-21 Sampled: 03/15/06 11:00										
Acetone	EPA 8260B	ND	——	25.0	ug/l	1x	6030955	03/21/06	03/21/06 23:27	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	——	1.00	"	"	"	"	"	
Bromomethane	"	ND	——	5.00	"	"	"	"	"	
2-Butanone	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	**2.80**	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	——	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	——	1.00	"	"	"	"	"	
Chloroform	"	ND	——	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	——	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	——	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	——	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	——	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	——	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	——	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	——	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	——	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	——	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	——	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	——	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	——	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	——	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	——	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	——	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	——	10.0	"	"	"	"	"	
Isopropylbenzene	"	**8.13**	——	2.00	"	"	"	"	"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-05 Water B-21 Sampled: 03/15/06 11:00										
p-Isopropyltoluene	EPA 8260B	ND	-----	2.00	ug/l	1x	6030955	03/21/06	03/21/06 23:27	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	1.30	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	10.7	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 95.5%*		*Limits: 80 - 120 %*	"				"	
1,2-DCA-d4		*97.5%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*92.5%*		*80 - 120 %*	"				"	
Toluene-d8		*92.0%*		*80 - 120 %*	"				"	
P6C0675-06 Water B-28 Sampled: 03/14/06 16:40										
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	6030955	03/21/06	03/21/06 23:54	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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phone: (541) 383.9310 fax: 541.382.7588
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phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-06 Water B-28 Sampled: 03/14/06 16:40										
Chlorobenzene	EPA 8260B	ND	----	1.00	ug/l	1x	6030955	03/21/06	03/21/06 23:54	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Environmental Laboratory Network

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
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SAIC	Project Name:	Chevron #100-1868, Portland, OR
1220 SW Morrison Suite 500	Project Number:	100-1868-OML
Portland, OR 97205	Project Manager:	Kathryn Dominic
		Report Created: 04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-06 Water B-28 Sampled: 03/14/06 16:40										
1,1,1-Trichloroethane	EPA 8260B	ND	----	1.00	ug/l	1x	6030955	03/21/06	03/21/06 23:54	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 91.0%*		*Limits: 80 - 120 %*	"				"	
1,2-DCA-d4		*101%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*94.0%*		*80 - 120 %*	"				"	
Toluene-d8		*94.0%*		*80 - 120 %*	"				"	
P6C0675-07 Water B-29 Sampled: 03/14/06 15:50										
Acetone	EPA 8260B	ND	----	70.0	ug/l	1x	6030955	03/21/06	03/22/06 00:21	R-03
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	

North Creek Analytical - Portland

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Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-07 Water B-29 Sampled: 03/14/06 15:50										
Dichlorodifluoromethane	EPA 8260B	ND		5.00	ug/l	1x	6030955	03/21/06	03/22/06 00:21	
1,1-Dichloroethane	"	ND		1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND		1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND		1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND		1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND		1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND		1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND		1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND		1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND		1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND		1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND		1.00	"	"	"	"	"	
Ethylbenzene	"	ND		1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND		4.00	"	"	"	"	"	
2-Hexanone	"	ND		10.0	"	"	"	"	"	
Isopropylbenzene	"	ND		2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND		2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND		5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND		1.00	"	"	"	"	"	
Methylene chloride	"	ND		5.00	"	"	"	"	"	
Naphthalene	"	ND		2.00	"	"	"	"	"	
n-Propylbenzene	"	ND		1.00	"	"	"	"	"	
Styrene	"	ND		1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND		1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND		1.00	"	"	"	"	"	
Tetrachloroethene	"	ND		1.00	"	"	"	"	"	
Toluene	"	ND		1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND		1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND		1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND		1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND		1.00	"	"	"	"	"	
Trichloroethene	"	ND		1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND		1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND		1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND		1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND		1.00	"	"	"	"	"	
Vinyl chloride	"	ND		1.00	"	"	"	"	"	
o-Xylene	"	ND		1.00	"	"	"	"	"	
m,p-Xylene	"	ND		2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 90.5%*		*Limits: 80 - 120 %*	"				"	
1,2-DCA-d4		*97.5%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*93.0%*		*80 - 120 %*	"				"	

North Creek Analytical - Portland

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Sarah Rockwell, Project Manager

North Creek Analytical, Inc.
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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-07 Water	**B-29**	**Sampled: 03/14/06 15:50**								
Toluene-d8		*93.0%*			*80 - 120 %*	*1x*			*03/22/06 00:21*	
P6C0675-08 Water	**B-30**	**Sampled: 03/14/06 14:50**								
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6030955	03/21/06	03/22/06 00:47	
Benzene	"	**15.9**	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	----	1.00	"	"	"	"	"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

North Creek Analytical, Inc.
Environmental Laboratory Network

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phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-08 Water B-30 Sampled: 03/14/06 14:50										
Hexachlorobutadiene	EPA 8260B	ND	----	4.00	ug/l	1x	6030955	03/21/06	03/22/06 00:47	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	**3.76**	----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	**5.55**	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	**2.53**	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	**4.15**	----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*Recovery: 93.0%*			*Limits: 80 - 120 %*	"			"	
1,2-DCA-d4		*97.5%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*92.5%*			*80 - 120 %*	"			"	
Toluene-d8		*90.0%*			*80 - 120 %*	"			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
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phone: (541) 383.9310 fax: 541.382.7588
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phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-09 Water MW-100 Sampled: 03/15/06 14:30										
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	6030955	03/21/06	03/22/06 01:14	
Benzene	"	**15.8**	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
Ethylbenzene	"	**1.02**	----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	**3.96**	----	2.00	"	"	"	"	"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11972 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-09 Water	**MW-100**	**Sampled: 03/15/06 14:30**								
p-Isopropyltoluene	EPA 8260B	ND	----	2.00	ug/l	1x	6030955	03/21/06	03/22/06 01:14	
4-Methyl-2-pentanone	"	ND	----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	**5.81**	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	**2.51**	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	1.00	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	4.42	----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*Recovery: 94.0%*		*Limits: 80 - 120 %*	"				"	
1,2-DCA-d4		*98.0%*		*80 - 120 %*	"				"	
Dibromofluoromethane		*92.5%*		*80 - 120 %*	"				"	
Toluene-d8		*90.5%*		*80 - 120 %*	"				"	

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Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-01 Water B-19 Sampled: 03/14/06 16:38										
Acenaphthene	EPA 8270m	1.97		0.189	ug/l	10x	6030972	03/21/06	03/31/06 14:32	
Acenaphthylene	"	ND		0.472	"	"	"	"	"	R-03
Anthracene	"	0.291		0.0189	"	1x	"	"	03/30/06 22:23	
Benzo (a) anthracene	"	ND		0.0189	"	"	"	"	"	
Benzo (a) pyrene	"	ND		0.0189	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND		0.0189	"	"	"	"	"	
Benzo (ghi) perylene	"	ND		0.0189	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND		0.0189	"	"	"	"	"	
Chrysene	"	0.0427		0.0189	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND		0.0189	"	"	"	"	"	
Fluoranthene	"	ND		0.0943	"	"	"	"	"	R-03
Fluorene	"	4.60		0.189	"	10x	"	"	03/31/06 14:32	
Indeno (1,2,3-cd) pyrene	"	ND		0.0189	"	1x	"	"	03/30/06 22:23	
Naphthalene	"	ND		2.17	"	10x	"	"	03/31/06 14:32	R-03
Phenanthrene	"	8.98		0.189	"	"	"	"	"	
Pyrene	"	0.113		0.0189	"	1x	"	"	03/30/06 22:23	
Surrogate(s): Fluorene-d10		*Recovery: 72.0%*		*Limits: 25 - 125 %*		*10x*			*03/31/06 14:32*	
Pyrene-d10		*52.5%*		*23 - 150 %*		*1x*			*03/30/06 22:23*	
Benzo (a) pyrene-d12		*66.9%*		*10 - 125 %*		"			"	
P6C0675-02 Water B-32 Sampled: 03/15/06 10:35										
Acenaphthene	EPA 8270m	ND		0.0190	ug/l	1x	6030972	03/21/06	03/30/06 22:50	
Acenaphthylene	"	ND		0.0190	"	"	"	"	"	
Anthracene	"	ND		0.0952	"	"	"	"	"	R-03
Benzo (a) anthracene	"	ND		0.0190	"	"	"	"	"	
Benzo (a) pyrene	"	ND		0.0190	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND		0.0190	"	"	"	"	"	
Benzo (ghi) perylene	"	ND		0.0190	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND		0.0190	"	"	"	"	"	
Chrysene	"	*0.0280*		*0.0190*	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND		0.0190	"	"	"	"	"	
Fluoranthene	"	0.193		0.0190	"	"	"	"	"	
Fluorene	"	ND		0.0762	"	"	"	"	"	R-03
Indeno (1,2,3-cd) pyrene	"	ND		0.0190	"	"	"	"	"	
Naphthalene	"	ND		0.152	"	"	"	"	"	R-03
Phenanthrene	"	ND		0.0381	"	"	"	"	"	R-03
Pyrene	"	0.206		0.0190	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 63.9%*		*Limits: 25 - 125 %*		"			"	
Pyrene-d10		*72.3%*		*23 - 150 %*		"			"	
Benzo (a) pyrene-d12		*76.1%*		*10 - 125 %*		"			"	

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Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-03 Water B-33 Sampled: 03/15/06 10:00										
Acenaphthene	EPA 8270m	1.08	——	0.0385	ug/l	2x	6030972	03/21/06	03/31/06 01:35	
Acenaphthylene	"	ND	——	0.308	"	"	"	"	"	R-03
Anthracene	"	ND	——	0.154	"	"	"	"	"	R-03
Benzo (a) anthracene	"	0.153	——	0.0385	"	"	"	"	"	
Benzo (a) pyrene	"	0.233	——	0.0385	"	"	"	"	"	
Benzo (b) fluoranthene	"	0.270	——	0.0385	"	"	"	"	"	
Benzo (ghi) perylene	"	0.286	——	0.0385	"	"	"	"	"	
Benzo (k) fluoranthene	"	0.292	——	0.0385	"	"	"	"	"	
Chrysene	"	0.400	——	0.0385	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	0.0854	——	0.0385	"	"	"	"	"	
Fluoranthene	"	0.336	——	0.0385	"	"	"	"	"	
Fluorene	"	2.94	——	0.0385	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	0.270	——	0.0385	"	"	"	"	"	
Naphthalene	"	ND	——	0.615	"	"	"	"	"	R-03
Phenanthrene	"	2.45	——	0.0385	"	"	"	"	"	
Pyrene	"	0.533	——	0.0385	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 66.2%*		*Limits: 25 - 125 %*		"			"	
Pyrene-d10		*55.0%*		*23 - 150 %*		"			"	
Benzo (a) pyrene-d12		*65.0%*		*10 - 125 %*		"			"	
P6C0675-04 Water B-10 Sampled: 03/14/06 15:40										
Acenaphthene	EPA 8270m	1.05	——	0.200	ug/l	10x	6030972	03/21/06	03/31/06 15:00	
Acenaphthylene	"	ND	——	0.200	"	"	"	"	"	R-03
Anthracene	"	0.170	——	0.0200	"	1x	"	"	03/30/06 23:18	
Benzo (a) anthracene	"	ND	——	0.0200	"	"	"	"	"	
Benzo (a) pyrene	"	ND	——	0.0200	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	——	0.0200	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	——	0.0200	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	——	0.0200	"	"	"	"	"	
Chrysene	"	ND	——	0.0200	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	——	0.0200	"	"	"	"	"	
Fluoranthene	"	0.154	——	0.0200	"	"	"	"	"	
Fluorene	"	2.15	——	0.200	"	10x	"	"	03/31/06 15:00	
Indeno (1,2,3-cd) pyrene	"	ND	——	0.0200	"	1x	"	"	03/30/06 23:18	
Naphthalene	"	ND	——	1.50	"	10x	"	"	03/31/06 15:00	R-03
Phenanthrene	"	1.68	——	0.0200	"	1x	"	"	03/30/06 23:18	
Pyrene	"	0.211	——	0.0200	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 68.8%*		*Limits: 25 - 125 %*		*10x*			*03/31/06 15:00*	
Pyrene-d10		*68.4%*		*23 - 150 %*		*1x*			*03/30/06 23:18*	
Benzo (a) pyrene-d12		*69.6%*		*10 - 125 %*		"			"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	**Chevron #100-1868, Portland, OR**	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-05 Water B-21 Sampled: 03/15/06 11:00										
Acenaphthene	EPA 8270m	**2.66**	----	0.189	ug/l	10x	6030972	03/21/06	03/31/06 15:27	
Acenaphthylene	"	ND	----	0.755	"	"	"	"	"	R-03
Anthracene	"	ND	----	0.189	"	"	"	"	"	R-03
Benzo (a) anthracene	"	ND	----	0.0189	"	1x	"	"	03/30/06 23:45	
Benzo (a) pyrene	"	ND	----	0.0189	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0189	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0189	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0189	"	"	"	"	"	
Chrysene	"	ND	----	0.0189	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0189	"	"	"	"	"	
Fluoranthene	"	ND	----	0.189	"	10x	"	"	03/31/06 15:27	R-03
Fluorene	"	**9.04**	----	0.189	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0189	"	1x	"	"	03/30/06 23:45	
Naphthalene	"	ND	----	1.79	"	10x	"	"	03/31/06 15:27	R-03
Phenanthrene	"	**7.34**	----	0.189	"	"	"	"	"	
Pyrene	"	**0.0789**	----	0.0189	"	1x	"	"	03/30/06 23:45	
Surrogate(s): Fluorene-d10		*Recovery: 83.5%*		*Limits: 25 - 125 %*		*10x*			*03/31/06 15:27*	
Pyrene-d10		*67.4%*		*23 - 150 %*		*1x*			*03/30/06 23:45*	
Benzo (a) pyrene-d12		*73.7%*		*10 - 125 %*		"			"	
P6C0675-06 Water B-28 Sampled: 03/14/06 16:40										R-05
Acenaphthene	EPA 8270m	ND	----	0.0404	ug/l	2x	6030972	03/21/06	03/31/06 02:02	
Acenaphthylene	"	ND	----	0.0404	"	"	"	"	"	
Anthracene	"	ND	----	0.0404	"	"	"	"	"	
Benzo (a) anthracene	"	**0.0735**	----	0.0404	"	"	"	"	"	
Benzo (a) pyrene	"	**0.0823**	----	0.0404	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.0839**	----	0.0404	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.105**	----	0.0404	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.0695**	----	0.0404	"	"	"	"	"	
Chrysene	"	**0.111**	----	0.0404	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0404	"	"	"	"	"	
Fluoranthene	"	**0.180**	----	0.0404	"	"	"	"	"	
Fluorene	"	ND	----	0.0404	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.0734**	----	0.0404	"	"	"	"	"	
Naphthalene	"	ND	----	0.0404	"	"	"	"	"	
Phenanthrene	"	**0.112**	----	0.0404	"	"	"	"	"	
Pyrene	"	**0.179**	----	0.0404	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 62.1%*		*Limits: 25 - 125 %*		"			"	
Pyrene-d10		*74.3%*		*23 - 150 %*		"			"	
Benzo (a) pyrene-d12		*66.4%*		*10 - 125 %*		"			"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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phone: (541) 383.9310 fax: 541.382.7588
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SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-07 Water B-29 Sampled: 03/14/06 15:50										
Acenaphthene	EPA 8270m	ND	----	0.0196	ug/l	1x	6030972	03/21/06	03/31/06 00:12	
Acenaphthylene	"	ND	----	0.0196	"	"	"	"	"	
Anthracene	"	ND	----	0.0196	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0196	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0196	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0196	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0196	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0196	"	"	"	"	"	
Chrysene	"	ND	----	0.0196	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0196	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0196	"	"	"	"	"	
Fluorene	"	ND	----	0.0196	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0196	"	"	"	"	"	
Naphthalene	"	ND	----	0.0490	"	"	"	"	"	R-03
Phenanthrene	"	ND	----	0.0294	"	"	"	"	"	R-03
Pyrene	"	0.0238	----	0.0196	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 71.8%*		*Limits: 25 - 125 %*		"			"	
Pyrene-d10		*76.7%*		*23 - 150 %*		"			"	
Benzo (a) pyrene-d12		*68.2%*		*10 - 125 %*		"			"	
P6C0675-08 Water B-30 Sampled: 03/14/06 14:50										
Acenaphthene	EPA 8270m	0.310	----	0.0189	ug/l	1x	6030972	03/21/06	03/31/06 00:40	
Acenaphthylene	"	ND	----	0.142	"	"	"	"	"	R-03
Anthracene	"	0.0684	----	0.0189	"	"	"	"	"	
Benzo (a) anthracene	"	0.0761	----	0.0189	"	"	"	"	"	
Benzo (a) pyrene	"	0.0628	----	0.0189	"	"	"	"	"	
Benzo (b) fluoranthene	"	0.0455	----	0.0189	"	"	"	"	"	
Benzo (ghi) perylene	"	0.0480	----	0.0189	"	"	"	"	"	
Benzo (k) fluoranthene	"	0.0368	----	0.0189	"	"	"	"	"	
Chrysene	"	0.0783	----	0.0189	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0189	"	"	"	"	"	
Fluoranthene	"	0.152	----	0.0189	"	"	"	"	"	
Fluorene	"	0.369	----	0.0189	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	0.0353	----	0.0189	"	"	"	"	"	
Naphthalene	"	ND	----	0.292	"	"	"	"	"	R-03
Phenanthrene	"	0.260	----	0.0189	"	"	"	"	"	
Pyrene	"	0.323	----	0.0189	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 57.6%*		*Limits: 25 - 125 %*		"			"	
Pyrene-d10		*58.1%*		*23 - 150 %*		"			"	
Benzo (a) pyrene-d12		*57.2%*		*10 - 125 %*		"			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
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SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P6C0675-09 Water	**MW-100**	**Sampled: 03/15/06 14:30**								**R-05**
Acenaphthene	EPA 8270m	0.375	----	0.0404	ug/l	2x	6030972	03/21/06	03/31/06 01:07	
Acenaphthylene	"	ND	----	0.182	"	"	"	"	"	R-03
Anthracene	"	0.0933	----	0.0404	"	"	"	"	"	
Benzo (a) anthracene	"	0.106	----	0.0404	"	"	"	"	"	
Benzo (a) pyrene	"	0.0871	----	0.0404	"	"	"	"	"	
Benzo (b) fluoranthene	"	0.0607	----	0.0404	"	"	"	"	"	
Benzo (ghi) perylene	"	0.0674	----	0.0404	"	"	"	"	"	
Benzo (k) fluoranthene	"	0.0564	----	0.0404	"	"	"	"	"	
Chrysene	"	0.109	----	0.0404	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	----	0.0404	"	"	"	"	"	
Fluoranthene	"	0.202	----	0.0404	"	"	"	"	"	
Fluorene	"	0.375	----	0.0404	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	0.0491	----	0.0404	"	"	"	"	"	
Naphthalene	"	ND	----	0.404	"	10x	"	"	03/31/06 15:54	R-03
Phenanthrene	"	0.275	----	0.0404	"	2x	"	"	03/31/06 01:07	
Pyrene	"	0.424	----	0.0404	"	"	"	"	"	

Surrogate(s):	*Fluorene-d10*	*Recovery: 61.3%*	*Limits: 25 - 125 %*	"	"
	Pyrene-d10	*71.5%*	*23 - 150 %*	"	"
	Benzo (a) pyrene-d12	*70.8%*	*10 - 125 %*	"	"

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Sarah Rockwell

Sarah Rockwell, Project Manager

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SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030905 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6030905-BLK1)								Extracted: 03/20/06 13:22						
Arsenic	EPA 6020	ND	—	0.00100	mg/l	1x	--	--	--	--	--	--	03/27/06 04:35	
Barium	"	ND	—	0.00100	"	"	--	--	--	--	--	--	"	
Cadmium	"	ND	—	0.00100	"	"	--	--	--	--	--	--	"	
Chromium	"	ND	—	0.00100	"	"	--	--	--	--	--	--	"	
Copper	"	ND	—	0.00200	"	"	--	--	--	--	--	--	"	
Lead	"	ND	—	0.00100	"	"	--	--	--	--	--	--	"	
Selenium	"	ND	—	0.00200	"	"	--	--	--	--	--	--	03/27/06 18:19	
Silver	"	ND	—	0.00100	"	"	--	--	--	--	--	--	03/27/06 04:35	
Zinc	"	ND	—	0.00500	"	"	--	--	--	--	--	--	03/27/06 18:19	
LCS (6030905-BS1)								Extracted: 03/20/06 13:22						
Arsenic	EPA 6020	0.106	---	0.00100	mg/l	1x	--	0.100	106%	(80-120)	--	--	03/27/06 04:51	
Barium	"	0.100	—	0.00100	"	"	--	"	100%	"	--	--	"	
Cadmium	"	0.105	—	0.00100	"	"	--	"	105%	"	--	--	"	
Chromium	"	0.105	—	0.00100	"	"	--	"	105%	"	--	--	"	
Copper	"	0.106	—	0.00200	"	"	--	"	106%	"	--	--	"	
Lead	"	0.100	—	0.00100	"	"	--	"	100%	"	--	--	"	
Selenium	"	0.0518	---	0.00200	"	"	--	0.0500	104%	"	--	--	03/27/06 18:35	
Silver	"	0.0515	---	0.00100	"	"	--	"	103%	"	--	--	03/27/06 04:51	
Zinc	"	0.104	—	0.00500	"	"	--	0.100	104%	"	--	--	03/27/06 18:35	
Duplicate (6030905-DUP1)					QC Source: P6C0548-01			Extracted: 03/20/06 13:22						
Arsenic	EPA 6020	ND	---	0.00100	mg/l	1x	ND	--	--	--	NR	(20)	03/27/06 05:23	
Barium	"	0.0245	—	0.00100	"	"	0.0252	--	--	--	2.82%	"	"	
Cadmium	"	ND	---	0.00100	"	"	ND	--	--	--	NR	"	"	
Chromium	"	0.00593	---	0.00100	"	"	0.00595	--	--	--	0.337%	"	"	
Copper	"	ND	—	0.00200	"	"	ND	--	--	--	2.08%	"	"	
Lead	"	ND	—	0.00100	"	"	ND	--	--	--	NR	"	"	
Selenium	"	ND	—	0.00200	"	"	ND	--	--	--	0.563%	"	03/27/06 19:07	
Silver	"	ND	---	0.00100	"	"	ND	--	--	--	NR	"	03/27/06 05:23	
Zinc	"	ND	---	0.00500	"	"	ND	--	--	--	37.2%	"	03/27/06 19:07	Q-06

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Sarah Rockwell

Sarah Rockwell, Project Manager

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phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
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phone: (541) 383.9310 fax: 541.382.7588
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phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Total Metals per EPA 6000/7000 Series Methods - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030905 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL[a]	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6030905-MS1)					QC Source: P6C0548-01				Extracted: 03/20/06 13:22					
Arsenic	EPA 6020	0.109	—	0.00100	mg/l	1x	ND	0.100	109%	(75-125)	—	—	03/27/06 05:54	
Barium	"	0.131	—	0.00100	"	"	0.0252	"	106%	"	—	—	"	
Cadmium	"	0.105	—	0.00100	"	"	ND	"	105%	"	—	—	"	
Chromium	"	0.116	—	0.00100	"	"	0.00595	"	110%	"	—	—	"	
Copper	"	0.102	—	0.00200	"	"	0.000970	"	101%	"	—	—	"	
Lead	"	0.0954	—	0.00100	"	"	ND	"	95.4%	"	—	—	"	
Selenium	"	0.0520	—	0.00200	"	"	0.00178	0.0500	100%	"	—	—	03/27/06 19:38	
Silver	"	0.0469	—	0.00100	"	"	ND	"	93.8%	"	—	—	03/27/06 05:54	
Zinc	"	0.0932	—	0.00500	"	"	0.00134	0.100	91.9%	"	—	—	03/27/06 19:38	
Matrix Spike (6030905-MS2)					QC Source: P6C0548-02				Extracted: 03/20/06 13:22					
Arsenic	EPA 6020	0.109	—	0.00100	mg/l	1x	0.00103	0.100	108%	(75-125)	—	—	03/27/06 06:26	
Barium	"	0.141	—	0.00100	"	"	0.0328	"	108%	"	—	—	"	
Cadmium	"	0.105	—	0.00100	"	"	ND	"	105%	"	—	—	"	
Chromium	"	0.117	—	0.00100	"	"	0.00789	"	109%	"	—	—	"	
Copper	"	0.101	—	0.00200	"	"	0.000770	"	100%	"	—	—	"	
Lead	"	0.0948	—	0.00100	"	"	ND	"	94.8%	"	—	—	"	
Selenium	"	0.0516	—	0.00200	"	"	0.00199	0.0500	99.2%	"	—	—	03/27/06 20:10	
Silver	"	0.0462	—	0.00100	"	"	ND	"	92.4%	"	—	—	03/27/06 06:26	
Zinc	"	0.0921	—	0.00500	"	"	0.00163	0.100	90.5%	"	—	—	03/27/06 20:10	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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phone: (425) 420.9200 fax: (425) 420.9210
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phone: (509) 924.9200 fax: (509) 924.9290
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phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Total Mercury per EPA Method 7470A - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030948 Water Preparation Method: EPA 245.1

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6030948-BLK1)								Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	ND	—	0.000200	mg/l	1x	—	—	—	—	—	—	03/21/06 15:35	
LCS (6030948-BS1)								Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	0.00482	—	0.000200	mg/l	1x	—	0.00500	96.4%	(85-115)	—	—	03/21/06 15:37	
LCS Dup (6030948-BSD1)								Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	0.00501	—	0.000200	mg/l	1x	—	0.00500	100%	(85-115)	3.87%	(20)	03/21/06 15:42	
Duplicate (6030948-DUP1)				QC Source: P6C0652-01				Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	ND	—	0.000200	mg/l	1x	ND	—	—	—	NR	(20)	03/21/06 15:45	
Matrix Spike (6030948-MS1)				QC Source: P6C0652-01				Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	0.00508	—	0.000200	mg/l	1x	ND	0.00500	102%	(75-125)	—	—	03/21/06 15:48	
Matrix Spike Dup (6030948-MSD1)				QC Source: P6C0652-01				Extracted: 03/21/06 09:57						
Mercury	EPA 7470A	0.00503	—	0.000200	mg/l	1x	ND	0.00500	101%	(75-125)	0.989%	(20)	03/21/06 15:50	

North Creek Analytical - Portland

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Sarah Rockwell, Project Manager

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phone: (425) 420.9200 fax: (425) 420.9210
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SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030955 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6030955-BLK1)							Extracted: 03/21/06 11:10							
Acetone	EPA 8260B	ND	—	25.0	ug/l	1x	—	—	—	—	—	—	03/21/06 20:47	
Benzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Bromobenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Bromochloromethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Bromodichloromethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Bromoform	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Bromomethane	"	ND	—	5.00	"	"	—	—	—	—	—	—	"	
2-Butanone	"	ND	—	10.0	"	"	—	—	—	—	—	—	"	
n-Butylbenzene	"	ND	—	5.00	"	"	—	—	—	—	—	—	"	
sec-Butylbenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
tert-Butylbenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Carbon disulfide	"	ND	—	10.0	"	"	—	—	—	—	—	—	"	
Carbon tetrachloride	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Chlorobenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Chloroethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Chloroform	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Chloromethane	"	ND	—	5.00	"	"	—	—	—	—	—	—	"	
2-Chlorotoluene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
4-Chlorotoluene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,2-Dibromo-3-chloropropane	"	ND	—	5.00	"	"	—	—	—	—	—	—	"	
Dibromochloromethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,2-Dibromoethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Dibromomethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,2-Dichlorobenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,3-Dichlorobenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,4-Dichlorobenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Dichlorodifluoromethane	"	ND	—	5.00	"	"	—	—	—	—	—	—	"	
1,1-Dichloroethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,2-Dichloroethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,1-Dichloroethene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
cis-1,2-Dichloroethene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
trans-1,2-Dichloroethene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,2-Dichloropropane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,3-Dichloropropane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
2,2-Dichloropropane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,1-Dichloropropene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
cis-1,3-Dichloropropene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
trans-1,3-Dichloropropene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Ethylbenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Hexachlorobutadiene	"	ND	—	4.00	"	"	—	—	—	—	—	—	"	
2-Hexanone	"	ND	—	10.0	"	"	—	—	—	—	—	—	"	

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SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030955 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6030955-BLK1)							Extracted: 03/21/06 11:10							
Isopropylbenzene	EPA 8260B	ND	—	2.00	ug/l	1x	—	—	—	—	—	—	03/21/06 20:47	
p-Isopropyltoluene	"	ND	—	2.00	"	"	—	—	—	—	—	—	"	
4-Methyl-2-pentanone	"	ND	—	5.00	"	"	—	—	—	—	—	—	"	
Methyl tert-butyl ether	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Methylene chloride	"	ND	—	5.00	"	"	—	—	—	—	—	—	"	
Naphthalene	"	ND	—	2.00	"	"	—	—	—	—	—	—	"	
n-Propylbenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Styrene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,1,1,2-Tetrachloroethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,1,2,2-Tetrachloroethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Tetrachloroethene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Toluene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,2,3-Trichlorobenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,2,4-Trichlorobenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,1,1-Trichloroethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,1,2-Trichloroethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Trichloroethene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Trichlorofluoromethane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,2,3-Trichloropropane	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,2,4-Trimethylbenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
1,3,5-Trimethylbenzene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
Vinyl chloride	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
o-Xylene	"	ND	—	1.00	"	"	—	—	—	—	—	—	"	
m,p-Xylene	"	ND	—	2.00	"	"	—	—	—	—	—	—	"	
Surrogate(s): 4-BFB		*Recovery: 84.0%*			*Limits: 80-120%*	"							*03/21/06 20:47*	
1,2-DCA-d4		*97.5%*			*80-120%*	"							"	
Dibromofluoromethane		*93.0%*			*80-120%*	"							"	
Toluene-d8		*90.5%*			*80-120%*	"							"	

North Creek Analytical - Portland

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

North Creek Analytical, Inc.
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phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030955 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6030955-BS1)									Extracted: 03/21/06 11:10					
Benzene	EPA 8260B	19.7	---	1.00	ug/l	1x	--	20.0	98.5%	(80-120)	--	--	03/21/06 19:00	
Chlorobenzene	"	19.0	---	1.00	"	"	--	"	95.0%	(80-124)	--	--	"	
1,1-Dichloroethene	"	20.0	---	1.00	"	"	--	"	100%	(78-120)	--	--	"	
Toluene	"	19.3	---	1.00	"	"	--	"	96.5%	(80-124)	--	--	"	
Trichloroethene	"	21.6	---	1.00	"	"	--	"	108%	(80-132)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*102%*		*Limits: 80-120%*	"							*03/21/06 19:00*	
	1,2-DCA-d4		*100%*		*80-120%*	"							"	
	Dibromofluoromethane		*99.5%*		*80-120%*	"							"	
	Toluene-d8		*99.0%*		*80-120%*	"							"	
Matrix Spike (6030955-MS1)					QC Source: P6C0675-02				Extracted: 03/21/06 11:10					
Benzene	EPA 8260B	18.9	---	1.00	ug/l	1x	ND	20.0	94.5%	(80-124)	--	--	03/21/06 19:27	
Chlorobenzene	"	18.5	---	1.00	"	"	ND	"	92.5%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	16.6	---	1.00	"	"	ND	"	83.0%	(79.3-127)	--	--	"	
Toluene	"	16.5	---	1.00	"	"	ND	"	82.5%	(79.7-131)	--	--	"	
Trichloroethene	"	18.1	---	1.00	"	"	ND	"	90.5%	(68.4-130)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*98.5%*		*Limits: 80-120%*	"							*03/21/06 19:27*	
	1,2-DCA-d4		*100%*		*80-120%*	"							"	
	Dibromofluoromethane		*98.0%*		*80-120%*	"							"	
	Toluene-d8		*92.0%*		*80-120%*	"							"	
Matrix Spike Dup (6030955-MSD1)					QC Source: P6C0675-02				Extracted: 03/21/06 11:10					
Benzene	EPA 8260B	19.2	---	1.00	ug/l	1x	ND	20.0	96.0%	(80-124)	1.57%	(25)	03/21/06 19:54	
Chlorobenzene	"	19.1	---	1.00	"	"	ND	"	95.5%	(72.9-134)	3.19%	"	"	
1,1-Dichloroethene	"	16.9	---	1.00	"	"	ND	"	84.5%	(79.3-127)	1.79%	"	"	
Toluene	"	17.1	---	1.00	"	"	ND	"	85.5%	(79.7-131)	3.57%	"	"	
Trichloroethene	"	18.5	---	1.00	"	"	ND	"	92.5%	(68.4-130)	2.19%	"	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*97.5%*		*Limits: 80-120%*	"							*03/21/06 19:54*	
	1,2-DCA-d4		*97.5%*		*80-120%*	"							"	
	Dibromofluoromethane		*96.0%*		*80-120%*	"							"	
	Toluene-d8		*93.5%*		*80-120%*	"							"	

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phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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phone: (541) 383.9310 fax: 541.382.7588
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phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030972 Water Preparation Method: EPA 3520/600 Series

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6030972-BLK1)							Extracted: 03/21/06 16:45							
Acenaphthene	EPA 8270m	ND	—	0.0200	ug/l	1x	—	—	—	—	—	—	03/30/06 21:00	
Acenaphthylene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Anthracene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (a) anthracene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (a) pyrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (b) fluoranthene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (ghi) perylene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (k) fluoranthene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Chrysene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Fluoranthene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Fluorene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Naphthalene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Phenanthrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Pyrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Surrogate(s): *Fluorene-d10*		*Recovery:* 82.0%			*Limits:* 25-125%	"							*03/30/06 21:00*	
Pyrene-d10		100%			23-150%	"							"	
Benzo (a) pyrene-d12		85.6%			10-125%	"							"	
LCS (6030972-BS1)							Extracted: 03/21/06 16:45							
Acenaphthene	EPA 8270m	2.52	—	0.0200	ug/l	1x	—	2.50	101%	(35-120)	—	—	03/30/06 21:28	
Acenaphthylene	"	2.48	—	0.0200	"	"	—	"	99.2%	(34-116)	—	—	"	
Anthracene	"	2.26	—	0.0200	"	"	—	"	90.4%	(24-119)	—	—	"	
Benzo (a) anthracene	"	2.46	—	0.0200	"	"	—	"	98.4%	(36-128)	—	—	"	
Benzo (a) pyrene	"	2.31	—	0.0200	"	"	—	"	92.4%	(17-128)	—	—	"	
Benzo (b) fluoranthene	"	2.50	—	0.0200	"	"	—	"	100%	(37-131)	—	—	"	
Benzo (ghi) perylene	"	1.63	—	0.0200	"	"	—	"	65.2%	(26-126)	—	—	"	
Benzo (k) fluoranthene	"	2.21	—	0.0200	"	"	—	"	88.4%	(18-145)	—	—	"	
Chrysene	"	2.49	—	0.0200	"	"	—	"	99.6%	(16-137)	—	—	"	
Dibenzo (a,h) anthracene	"	1.38	—	0.0200	"	"	—	"	55.2%	(20-141)	—	—	"	
Fluoranthene	"	2.57	—	0.0200	"	"	—	"	103%	(31-125)	—	—	"	
Fluorene	"	2.43	—	0.0200	"	"	—	"	97.2%	(27-124)	—	—	"	
Indeno (1,2,3-cd) pyrene	"	2.05	—	0.0200	"	"	—	"	82.0%	(30-133)	—	—	"	
Naphthalene	"	2.30	—	0.0200	"	"	—	"	92.0%	(30-113)	—	—	"	
Phenanthrene	"	2.62	—	0.0200	"	"	—	"	105%	(34-126)	—	—	"	
Pyrene	"	2.43	—	0.0200	"	"	—	"	97.2%	(21-141)	—	—	"	
Surrogate(s): *Fluorene-d10*		*Recovery:* 89.6%			*Limits:* 25-125%	"							*03/30/06 21:28*	
Pyrene-d10		88.0%			23-150%	"							"	
Benzo (a) pyrene-d12		90.0%			10-125%	"							"	

North Creek Analytical - Portland

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
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phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6030972 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (6030972-BSD1)								Extracted: 03/21/06 16:45						
Acenaphthene	EPA 8270m	2.45	---	0.0200	ug/l	1x	--	2.50	98.0%	(35-120)	3.02%	(50)	03/30/06 21:55	
Acenaphthylene	"	2.41	---	0.0200	"	"	--	"	96.4%	(34-116)	2.86%	"	"	
Anthracene	"	2.05	---	0.0200	"	"	--	"	82.0%	(24-119)	9.74%	"	"	
Benzo (a) anthracene	"	2.31	---	0.0200	"	"	--	"	92.4%	(36-128)	6.29%	"	"	
Benzo (a) pyrene	"	2.17	---	0.0200	"	"	--	"	86.8%	(17-128)	6.25%	"	"	
Benzo (b) fluoranthene	"	2.29	---	0.0200	"	"	--	"	91.6%	(37-131)	8.77%	"	"	
Benzo (ghi) perylene	"	1.59	---	0.0200	"	"	--	"	63.6%	(26-126)	2.48%	"	"	
Benzo (k) fluoranthene	"	2.06	---	0.0200	"	"	--	"	82.4%	(18-145)	7.03%	"	"	
Chrysene	"	2.32	---	0.0200	"	"	--	"	92.8%	(16-137)	7.07%	"	"	
Dibenzo (a,h) anthracene	"	1.33	---	0.0200	"	"	--	"	53.2%	(20-141)	3.69%	"	"	
Fluoranthene	"	2.35	---	0.0200	"	"	--	"	94.0%	(31-125)	9.14%	"	"	
Fluorene	"	2.27	---	0.0200	"	"	--	"	90.8%	(27-124)	6.81%	"	"	
Indeno (1,2,3-cd) pyrene	"	2.03	---	0.0200	"	"	--	"	81.2%	(30-135)	0.980%	"	"	
Naphthalene	"	2.19	---	0.0200	"	"	--	"	87.6%	(30-113)	4.90%	"	"	
Phenanthrene	"	2.46	---	0.0200	"	"	--	"	98.4%	(34-126)	6.49%	"	"	
Pyrene	"	2.36	---	0.0200	"	"	--	"	94.4%	(21-141)	2.92%	"	"	
Surrogate(s): *Fluorene-d10*		*Recovery:*	*90.0%*		*Limits: 25-125%*	"							*03/30/06 21:55*	
Pyrene-d10			*92.0%*		*23-150%*	"							"	
Benzo (a) pyrene-d12			*88.0%*		*10-125%*	"							"	

North Creek Analytical - Portland

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Sarah Rockwell, Project Manager

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phone: (509) 924.9200 fax: (509) 924.9290
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phone: (541) 383.9310 fax: 541.382.7588
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phone: (907) 563.9200 fax: (907) 561.9210

SAIC	Project Name:	Chevron #100-1868, Portland, OR	
1220 SW Morrison Suite 500	Project Number:	100-1868-OML	Report Created:
Portland, OR 97205	Project Manager:	Kathryn Dominic	04/03/06 18:11

Notes and Definitions

Report Specific Notes:

Q-06 - RPD is not applicable for analyte concentrations less than 5 times the MRL.

R-03 - The reporting limit for this analyte was raised due to matrix interference.

R-05 - Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.

Laboratory Reporting Conventions:

DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

NR / NA - Not Reported / Not Available

dry - Sample results reported on a dry weight basis. Reporting Limits have been corrected for %Solids.

wet - Sample results and reporting limits reported on a wet weight basis (as received).

RPD - Relative Percent Difference. (RPDs calculated using Results, not Percent Recoveries).

MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 (503) 906-9200 FAX 906-9210
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123

CHEVRON U.S.A., Inc. CHAIN OF CUSTODY REPORT PLC0675

CHEVRON INFORMATION

Facility Number: 100-1868 DML
Site Address: 5531 NW Front Ave.
City, State, ZIP: Portland, OR
Service Code: ☐ Site Assesment
Service Order: ☐ Remediation
Cost Element: 75100100 ☐ O & M
Chevron Project Manager: Dacia Rouse ☒ GWM

CONSULTANT INFORMATION

Name: SAIC Project# 06-6102-00-7163-071
Address: 1220 SW Harrison St. Suite 500
Portland, OR 97201
Phone: (503) 243-1983 Fax: (503) 243-1863
Project Manager: Kathy Dainic Airbill#:
Sample Collection by: A. Lopez/J. Shafer/C. Rhea/S. Busse

Laboratory Turnaround Time

☐ 1 Business Day
☐ 3 Business Days
☐ 5 Business Days
☒ 10 Business Days
☐ 3 Day Air Samples
(Please Select One)

☐ AK ☐ OR ☐ WA ☐ NW Series

SAMPLE IDENTIFICATION	SAMPLING DATE / TIME	MATRIX (W,S,O)	# OF CONTAINERS	TPH-HCID	TPH-Gas	BTEX Only EPA 8021 Mod.	TPH-Gas + BTEX	TPH-Diesel	TPH-Diesel Extended	TPH-Diesel-Ext. w/SG Cleanup	Halogen. Volatiles EPA 8021	Pesticides/PCBs or PCBs Only	GC/MS Volatiles EPA 8260	GC/MS Semi Vols. EPA 8270	PAH's: 8270 SIM or 8310	Lead: Total or Dissolved	TCLP or RCRA Metals (8)	Total Metals	NCA SAMPLE NUMBER
1. B-19	3.14.06 1633	W	5										X	X				X	
2. B-32	3.15.06 1035	W	5										X	X				X	
3. B-33	3.15.06 1000	W	5										X	X				X	
4. B-10	3.14.06 1540	W	5										X	X				X	
5. B-21	3.15.06 1100	W	5										X	X				X	
6. B-28	3/14/06 1640	W	5										X	X				X	
7. B-29	3/14/06 1550	W	5										X	X				X	
8. B-30	3/14/06 1450	W	5										X	X				X	
9. MW-100																			
10.																			

	Relinquished by:	Firm:	Date & Time	Received by:	Firm:	Date & Time
1.			3/15/06 1541		NCA	3/15/06 15:4
2.						lab 17:00
3.						

Additional Comments:

3.1

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9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 (503) 906-9200 FAX 906-9210
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CHEVRON U.S.A., Inc. CHAIN OF CUSTODY REPORT PLC0675

CHEVRON INFORMATION

Facility Number: 100-1868 OML
Site Address: 5531 NW Front Ave
City, State, ZIP: Portland, OR
Service Code: ☐ Site Assesment
Service Order: ☐ Remediation
Cost Element: 75100100 ☐ O & M
Chevron Project Manager: Darin Rouse ☒ GWM

CONSULTANT INFORMATION

Name: SAIC Project# 06-6102-00-7163-071
Address: 1220 SW Morrison St. Suite 500
Portland, OR 97202
Phone: (503) 243-1983 Fax: (503) 243-1863
Project Manager: Kathy Daminic Airbill#:
Sample Collection by: A. Lopez / J. Shafer / C. Rhea / S. Busze

Laboratory Turnaround Time

☐ 1 Business Day
☐ 3 Business Days
☐ 5 Business Days
☒ 10 Business Days
☐ 3 Day Air Samples (Please Select One)

☐ AK ☐ OR ☐ WA ☐ NW Series

SAMPLE IDENTIFICATION	SAMPLING DATE / TIME	MATRIX (W,S,O)	# OF CON-TAINERS	TPH-HCID	TPH-Gas	BTEX Only EPA 8021 Mod.	TPH-Gas + BTEX	TPH-Diesel	TPH-Diesel Extended	TPH-Diesel-Ext. w/SG Cleanup	Halogen. Volatiles EPA 8021	Pesticides/PCBs or PCBs Only	GC/MS Volatiles EPA 8260	GC/MS Semi Vols. EPA 8270	PAH's: 8270 SIM or 8310	Lead: Total or Dissolved	TCLP or RCRA Metals (8)	Total Metals					NCA SAMPLE NUMBER
1. B-19	3.14.06 1633	W	5										X	X				X					
2. B-32	3.15.06 1035	W	5										X	X				X					
3. B-33	3.15.06 1000	W	5										X	X				X					
4. B-10	3.14.06 1540	W	5										X	X				X					
5. B-21	3.15.06 1100	W	5										X	X				X					
6. B-28	3/14/06 1640	W	5										X	X				X					
7. B-29	3/14/06 1550	W	5										X	X				X					
8. B-30	3/14/06 1450	W	5										X	X				X					
9.																							
10.																							

	Relinquished by:	Firm:	Date & Time	Received by:	Firm:	Date & Time
1.	[signature]		3/15/06 1541	[signature]	NCA	3/15/06 @ 15:41
2.						lab 17:00
3.						

Additional Comments: 3.1

Page ____ of ____ Chev CoC Rev 1.3 2/99

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Circle Y or N
(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)
Date: 3/15/06
Time: 15:44
Initials: BF

Logged-in By:
Date: 3/16/06
Initials: LJ

Unpacked/Labeled By:
Date: 3/16/06
Initials: [illegible]

Cooler ID: ____ (___ of ___)

Work Order No: PL6C0675
Client: SAIC
Project: Chevron

Container Type:
1 Cooler
___ Box
___ None/Other ____

COC Seals:
___ Ship. Container ___ Sign By
___ On Bottles ___ Date
___ None

Packing Material:
___ Bubble Bags ___ Styrofoam
___ Foam Packs
___ None/Other Other ____

Refrigerant:
___ Gel Ice Pack ____ ___ None
X Loose Ice
___ None/Other ____

Received Via: Bill# ____
___ Fed Ex ___ Client
___ UPS X NCA Courier
___ DHL ___ Mid Valley
___ Senvoy ___ TDP
___ GS ___ Other ____

Cooler Temperature (IR): 3.1 °C Plastic (Glass) (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? ____ °C or (NA)

Trip Blank? Y or (N) or NA

Sample Containers:		ID			ID
Intact?	(Y) or N		Metals Preserved?	(Y) or N or NA	
Provided by NCA?	(Y) or N		Client QAPP Preserved?	Y or N or (NA)	
Correct Type?	(Y) or N		Adequate Volume? (for tests requested)	(Y) or N	
#Containers match COC?	Y or (N)	(CNUD)	Water VOAs: Headspace?	Y or (N) or NA	
IDs/time/date match COC?	(Y) or N		Comments:		
Hold Times in hold?	(Y) or N				

PROJECT MANAGEMENT

Is the Chain of Custody complete? (Y) or N If N, circle the items that were incomplete

Comments, Problems: MW-100 – added analytical.

Total access set up? (Y) or N
Has client been contacted regarding non-conformances? (Y) or N If Y: 3/16 1200 (Date / Time)

PM Initials: SRC Date: 3/16/06 Time: 1620

rev 3 05/12/05

NOTIFICATION OF DISCREPANCY

DATE: _____	*TIME:* _____	*PM:* _____	*SC INITIALS:* _____

Rush/Short Hold? ☐ *Yes* ☐ *No*	

☐ Project Not Set Up in ELM ☐ New Client ☐ COC Received ON HOLD
☐ Analysis Requested on COC – Not Listed for Project in ELM

☐ PM To Add Analysis: _____
☐ Clarification of Analysis: _____
☐ Hold Time Expired: (Analysis) _____
☐ Turnaround Time Not Checked: _____
☐ Did Not Receive Sample(s) Listed on COC: _____

☒ Received Extra Sample(s) Not Listed on COC: MW-110 NOT ON COC

☐ Sample Description(s) or Date/Time Sampled Do Not Match COC:

☐ *Improper Preservative For method:* _____
☐ Sample Received Broken: _____
☐ Insufficient Sample Volume: _____
☐ Sample preserved upon receipt: _____

☐ Temperature Outside recommended range (4°C±2°C): _____
  ☐ Received on-ice within 4 hours of collection, temperature between ambient to 2°C *acceptable.*
☐ Other:

PROJECT MANAGER RESOLUTION:	(Date & Time when returned to SC)
Approval By:	Date: Time:

rev 2 09/12/05

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
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RECEIVED
APR 14 2006
BY:

April 13, 2006

Brian Pletcher
Delta Environmental Consultants - Tigard
7150 SW Hampton - Suite 220
Tigard, OR 97223

RE: Willbridge Terminal -Conoco Phillips

Enclosed are the results of analyses for samples received by the laboratory on 04/06/06 12:15.
The following list is a summary of the NCA Work Orders contained in this report.
If you have any questions concerning this report, please feel free to contact me.

Work	Project	ProjectNumber
PPD0195	Willbridge Terminal -Cono	ORZ0922GW-6

Thank You,

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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Environmental Laboratory Network

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
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phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/13/06 10:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
U-12	PPD0195-01	Water	04/06/06 11:30	04/06/06 12:15

North Creek Analytical - Portland

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Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/13/06 10:52

Polynuclear Aromatic Compounds per EPA 8270M-SIM

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPD0195-01 Water	**U-12**	**Sampled: 04/06/06 11:30**								
Acenaphthene	EPA 8270m	**0.502**	——	0.0190	ug/l	1x	6040342	04/07/06	04/10/06 18:31	
Acenaphthylene	"	ND	——	0.410	"	"	"	"	"	**R-03**
Anthracene	"	**0.256**	——	0.0190	"	"	"	"	"	
Benzo (a) anthracene	"	ND	——	0.0190	"	"	"	"	"	
Benzo (a) pyrene	"	ND	——	0.0190	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	——	0.0190	"	"	"	"	"	**R-08**
Benzo (ghi) perylene	"	ND	——	0.0190	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	——	0.0190	"	"	"	"	"	**R-08**
Chrysene	"	**0.0425**	——	0.0190	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	——	0.0190	"	"	"	"	"	
Fluoranthene	"	**0.0749**	——	0.0190	"	"	"	"	"	
Fluorene	"	**1.15**	——	0.0190	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	——	0.0190	"	"	"	"	"	
Naphthalene	"	ND	——	0.524	"	"	"	"	"	**R-03**
Phenanthrene	"	**2.20**	——	0.0190	"	"	"	"	"	
Pyrene	"	**0.0762**	——	0.0190	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 60.5%*		*Limits: 25 - 125 %*	"				"	
Pyrene-d10		*50.4%*		*23 - 150 %*	"				"	
Benzo (a) pyrene-d12		*70.6%*		*10 - 125 %*	"				"	

North Creek Analytical - Portland

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Sarah Rockwell

Sarah Rockwell, Project Manager

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/13/06 10:52

Polynuclear Aromatic Compounds per EPA 8270M-SIM – Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6040342 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6040342-BLK1)								Extracted: 04/07/06 17:30						
Acenaphthene	EPA 8270m	ND	—	0.0200	ug/l	1x	—	—	—	—	—	—	04/10/06 14:51	
Acenaphthylene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Anthracene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (a) anthracene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (a) pyrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (b) fluoranthene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (ghi) perylene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Benzo (k) fluoranthene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Chrysene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Dibenzo (a,h) anthracene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Fluoranthene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Fluorene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Naphthalene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Phenanthrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Pyrene	"	ND	—	0.0200	"	"	—	—	—	—	—	—	"	
Surrogate(s): Fluorene-d10		*Recovery:*	*26.8%*		*Limits:*	*25-125%*	"						*04/10/06 14:51*	
Pyrene-d10			*36.5%*			*23-150%*	"						"	
Benzo (a) pyrene-d12			*40.0%*			*10-125%*	"						"	
LCS (6040342-BS1)								Extracted: 04/07/06 17:30						
Acenaphthene	EPA 8270m	2.03	—	0.0200	ug/l	1x	—	2.50	81.2%	(35-120)	—	—	04/10/06 15:18	
Acenaphthylene	"	2.21	—	0.0200	"	"	—	"	88.4%	(34-116)	—	—	"	
Anthracene	"	1.78	—	0.0200	"	"	—	"	71.2%	(24-119)	—	—	"	
Benzo (a) anthracene	"	1.75	—	0.0200	"	"	—	"	70.0%	(36-128)	—	—	"	
Benzo (a) pyrene	"	1.52	—	0.0200	"	"	—	"	60.8%	(17-128)	—	—	"	
Benzo (b) fluoranthene	"	1.90	—	0.0200	"	"	—	"	76.0%	(37-131)	—	—	"	
Benzo (ghi) perylene	"	0.793	—	0.0200	"	"	—	"	31.7%	(26-126)	—	—	"	
Benzo (k) fluoranthene	"	1.20	—	0.0200	"	"	—	"	48.0%	(18-145)	—	—	"	
Chrysene	"	1.71	—	0.0200	"	"	—	"	68.4%	(16-137)	—	—	"	
Dibenzo (a,h) anthracene	"	0.723	—	0.0200	"	"	—	"	28.9%	(20-141)	—	—	"	
Fluoranthene	"	2.09	—	0.0200	"	"	—	"	83.6%	(31-125)	—	—	"	
Fluorene	"	1.50	—	0.0200	"	"	—	"	60.0%	(27-124)	—	—	"	
Indeno (1,2,3-cd) pyrene	"	1.41	—	0.0200	"	"	—	"	56.4%	(30-135)	—	—	"	
Naphthalene	"	1.83	—	0.0200	"	"	—	"	73.2%	(30-113)	—	—	"	
Phenanthrene	"	2.06	—	0.0200	"	"	—	"	82.4%	(34-126)	—	—	"	
Pyrene	"	1.79	—	0.0200	"	"	—	"	71.6%	(21-141)	—	—	"	
Surrogate(s): Fluorene-d10		*Recovery:*	*50.4%*		*Limits:*	*25-125%*	"						*04/10/06 15:18*	
Pyrene-d10			*59.6%*			*23-150%*	"						"	
Benzo (a) pyrene-d12			*71.6%*			*10-125%*	"						"	

North Creek Analytical - Portland

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phone: (425) 420.9200 fax: (425) 420.9210
Spokane 11922 East 1st Avenue, Spokane Valley, WA 99206-5302
phone: (509) 924.9200 fax: (509) 924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
phone: (503) 906.9200 fax: (503) 906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
phone: (541) 383.9310 fax: 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
phone: (907) 563.9200 fax: (907) 563.9210

Delta Environmental Consultants - Tigard	Project Name: **Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number: ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager: Brian Pletcher	04/13/06 10:52

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

North Creek Analytical - Portland

QC Batch: 6040342 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (6040342-BSD1)								**Extracted: 04/07/06 17:30**						
Acenaphthene	EPA 8270m	1.39	---	0.0200	ug/l	1x	--	2.50	55.6%	(35-120)	37.4%	(50)	04/10/06 15:46	
Acenaphthylene	"	1.50	---	0.0200	"	"	--	"	60.0%	(34-116)	38.3%	"	"	
Anthracene	"	1.22	---	0.0200	"	"	--	"	48.8%	(24-119)	37.3%	"	"	
Benzo (a) anthracene	"	1.27	---	0.0200	"	"	--	"	50.8%	(36-128)	31.8%	"	"	
Benzo (a) pyrene	"	1.13	---	0.0200	"	"	--	"	45.2%	(17-128)	29.4%	"	"	
Benzo (b) fluoranthene	"	1.14	---	0.0200	"	"	--	"	45.6%	(37-131)	50.0%	"	"	
Benzo (ghi) perylene	"	0.836	---	0.0200	"	"	--	"	33.4%	(26-126)	5.22%	"	"	
Benzo (k) fluoranthene	"	1.11	---	0.0200	"	"	--	"	44.4%	(18-145)	7.79%	"	"	
Chrysene	"	1.29	---	0.0200	"	"	--	"	51.6%	(16-137)	28.0%	"	"	
Dibenzo (a,h) anthracene	"	0.673	---	0.0200	"	"	--	"	26.9%	(20-141)	7.17%	"	"	
Fluoranthene	"	1.39	---	0.0200	"	"	--	"	55.6%	(31-125)	40.2%	"	"	
Fluorene	"	1.08	---	0.0200	"	"	--	"	43.2%	(27-124)	32.6%	"	"	
Indeno (1,2,3-cd) pyrene	"	1.09	---	0.0200	"	"	--	"	43.6%	(30-135)	25.6%	"	"	
Naphthalene	"	1.30	---	0.0200	"	"	--	"	52.0%	(30-113)	33.9%	"	"	
Phenanthrene	"	1.42	---	0.0200	"	"	--	"	56.8%	(34-126)	36.8%	"	"	
Pyrene	"	1.32	---	0.0200	"	"	--	"	52.8%	(21-141)	30.2%	"	"	
Surrogate(s): Fluorene-d10		*Recovery:*	*36.8%*		*Limits: 25-125%*	"							*04/10/06 15:46*	
Pyrene-d10			*44.8%*		*23-150%*	"							"	
Benzo (a) pyrene-d12			*51.2%*		*10-125%*	"							"	

North Creek Analytical - Portland

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phone: (425) 420.9200 fax: (425) 420.9210
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Delta Environmental Consultants - Tigard	Project Name:	**Willbridge Terminal -Conoco Phillips**	
7150 SW Hampton - Suite 220	Project Number:	ORZ0922GW-6	Report Created:
Tigard, OR 97223	Project Manager:	Brian Pletcher	04/13/06 10:52

Notes and Definitions

Report Specific Notes:

R-03 - The reporting limit for this analyte was raised due to matrix interference.

R-08 - Due to matrix unable to resolve Benzofluoranthene isomers. Value reported only in Benzo(b) category represents Total Benzo(b+k)fluoranthene.

Laboratory Reporting Conventions:

DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

NR / NA - Not Reported / Not Available

dry - Sample results reported on a dry weight basis. Reporting Limits have been corrected for %Solids.

wet - Sample results and reporting limits reported on a wet weight basis (as received).

RPD - Relative Percent Difference. (RPDs calculated using Results, not Percent Recoveries).

MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: PPDC195

NCA CLIENT: Delta Environmental
REPORT TO: 7150 SW Hampton Suite 220
ADDRESS: Tigard, OR 97223
PHONE: 503-639-8098 FAX: 503-639-7619

INVOICE TO: Martin Cramer
Conoco-Phillips
P.O. NUMBER:

PROJECT NAME: Conoco-Phillips Willbridge
PROJECT NUMBER: ORZ0922GW-6
SAMPLED BY: K. McQuinn

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analyses: 10 | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE
REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PAHs 8270	MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	NCA WO ID
1	U-12	4/6/06 1130	X	W	1		
2							
3							
4							
5							
6							
7							
8							
9							
10							

RELEASED BY: [signature] DATE: 4/6/06
PRINT NAME: KATY McQUINN FIRM: DELTA TIME: 12:15

RECEIVED BY: [signature] DATE: 4.6.06
PRINT NAME: [illegible] FIRM: NCA TIME: 12:15

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP: 14°C

COC REV 09/04

PAGE OF

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