



# ***QUARTERLY GROUNDWATER MONITORING REPORT FOURTH QUARTER 2011***

*Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest, Seattle, Washington*

*Antea™ Group Project No. STKM-001-W  
February 2012*

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## **EXECUTIVE SUMMARY**

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Antea™Group (Antea Group) has prepared this summary report to present the findings of the Fourth Quarter 2011 groundwater monitoring and sampling event at the Kinder Morgan Liquids Terminals LLC (KMLT) Harbor Island Terminal located in Seattle, Washington (Figures 1 and 2). Groundwater monitoring and sampling were performed in accordance with the KMLT Groundwater Compliance Plan (Plan) on December 1 and 2, 2011. The Plan was developed to describe the protocol and procedures used to monitor whether cleanup requirements are achieved at the site and was included in Exhibit F of the Consent Decree.

Fourth Quarter 2011 groundwater monitoring and sampling activities were performed in accordance with Delta Environmental's letter dated June 21, 2007, Proposed Reduced Monitoring Site-Wide Groundwater Compliance Monitoring Plan. The letter detailed proposed revisions to the Plan, and included a reduction in the number of wells to be gauged, a reduction in the frequency of sampling in select wells, and a reduction in analytes in select wells. On June 13, 2007, Mr. Roger Nye (Ecology) verbally authorized Delta to proceed with the proposed revised monitoring program, and subsequently issued a letter, dated August 7, 2007, approving the proposed plan. Additionally, low-flow groundwater sampling techniques were instituted in March 2009 in accordance with Delta's September 4, 2008 Technical Revision Request. The proposed technical revision was authorized by Mr. Nye on February 9, 2009.

Groundwater monitoring for this event included gauging 44 wells and collecting samples from 15 wells. Groundwater elevations indicate that groundwater gradient is generally flat across the majority of the site, with a slight trend towards the south. Measurable separate phase hydrocarbons (SPH) were not observed in any well gauged during this sampling event. Sheens were observed in Wells A-6, A-16, and MW-21.

Concentrations of total petroleum hydrocarbons as gasoline (TPH-G) ranged from non-detectable at the method reporting limit (MRL) to 18 milligrams per liter (mg/L) in MW-24. Total petroleum hydrocarbons as diesel (TPH-D) were detected at 1.7 mg/L in the one well analyzed for this constituent (MW-21). Based on comparison of the recent and historical laboratory results for petroleum hydrocarbons in groundwater, it appears that concentrations of hydrocarbon constituents are generally consistent with results reported in previous groundwater monitoring and sampling events.

## **1.0 BACKGROUND**

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The Kinder Morgan Liquids Terminals, LLC Harbor Island Terminal is a bulk petroleum fuel storage facility which has been operating since 1944. Kinder Morgan Liquids Terminals, LLC (KMLT) purchased the terminal from GATX Terminals Corporation in February 2001. GATX previously owned and operated the facility since December 1994. Shell Oil Company owned and operated the terminal from 1944 through 1994. The facility is approximately 14 acres in area, and is situated on relatively flat topography in the north central portion of Harbor Island, a highly industrialized area located at the mouth of the Duwamish Waterway and Elliot Bay (Figure 1). The site is situated approximately 900 feet from the East Waterway and approximately 1,400 feet from the West Waterway with surface elevations (relative to NAVD 1988 vertical datum) ranging between approximately 9 to 17 feet above mean sea level (msl).

The Harbor Island Terminal has been divided into five distinct areas segregated on the basis of use, designated as the A, B, C, D, and E Yards (Figure 2). The B and C Yards contain bulk storage tanks. The B and C yards are each surrounded by concrete walls approximately 15 feet in height. Within the B and C Yards, the ground surface is unpaved gravel and silty sand.

The paved A Yard contains the facility office as well as the loading facilities for petroleum distribution. The D Yard consists of a driveway between the B and C Yards, and contains general repair and storage facilities. The E Yard is presently leased by another party and consists of an office building and vehicle storage facilities.

### **1.1 Monitoring Well Status**

During this monitoring event, absorbent socks were present in nine wells (A-4, A-6, A-16, 12, MW-7, MW-9, MW-21, MW-23 and MW-24). Socks have been placed in each of nine wells on an as needed basis since passive separate phase hydrocarbons (SPH) recovery was resumed in January 2007. Passive SPH recovery tasks are described in Section 2.3.3.

## **2.0 SCOPE OF WORK**

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Groundwater monitoring and sampling activities were performed in accordance with Delta Consultant's letter dated March 22, 2007, Proposed Reduced Monitoring-Site-Wide Groundwater Compliance Monitoring Plan (Reduced Monitoring Plan). The letter detailed proposed revisions to the Compliance Monitoring Plan included in the Corrective Action Plan, and included a reduction in the number of wells to be gauged, a reduction in the frequency of sampling in select wells, and a reduction in analytes in select wells. On June 13, 2007, Mr. Roger Nye (Ecology) verbally authorized Delta to proceed with the revised monitoring program proposed in the letter. A letter was issued by Mr. Nye on August 7, 2007 to formally authorize the Reduced Monitoring Plan.

Project work for this groundwater monitoring event was performed on December 1 and 2, 2011. This event serves as the Fourth Quarter monitoring event for 2011. The scope of work for this monitoring event included the following tasks:

- Measure depth to water in 44 groundwater monitoring wells;
- Measure separate-phase hydrocarbons (SPH) where observed;
- Purge monitoring wells using low-flow groundwater sampling techniques;
- Collect groundwater samples from 15 groundwater monitoring wells;
- Submit groundwater samples to Alpha Analytical, Inc. of Sparks, Nevada for quantitative chemical analysis; and,
- Prepare this report.

### **2.1 Water Level Measurements**

Water levels were measured on December 1, 2011 using an electronic oil/water interface probe. Measurable SPH was not observed in any well. Sheens were observed in Wells A-6, A-16, and MW-21.

Groundwater elevations were calculated using depth-to-water measurements and wellhead survey elevations (obtained in July 2003, relative to NAVD 1988 vertical datum). A summary of the groundwater elevation data is presented in Table 1. A groundwater elevation map is presented on Figure 3.

### **2.2 Groundwater Sampling and Analysis**

Groundwater samples were collected from 15 groundwater monitoring wells on December 1 and 2, 2011 in accordance with the Reduced Monitoring Plan.

A low-flow peristaltic pump and YSI-556 with a flow cell were used to purge each well until all parameters (temperature, conductivity, total dissolved solids, dissolved oxygen, pH, and oxidation reduction potential) were stable. Dedicated

polyethylene tubing was used at each well. Groundwater samples were collected after specific conductance and dissolved oxygen measurements were within 10 percent for 3 consecutive readings.

Groundwater samples were collected in laboratory-prepared glass containers, which also contained the appropriate preservatives. These samples were then stored in a chilled cooler for delivery to the analytical laboratory under standard Chain-of-Custody protocol. Groundwater samples from each well were submitted to Alpha Analytical, Inc. in Sparks, Nevada. Analyses included total petroleum hydrocarbons in the gasoline range (TPH-G) using Northwest Total Petroleum Hydrocarbons Method NWTPH-Gx; and benzene, toluene, ethylbenzene, and total xylenes (BTEX) using U.S. Environmental Protection Agency (USEPA) Method SW8260B. Additionally, the groundwater sample collected from Well MW-21 was analyzed for total petroleum hydrocarbons in the diesel (TPH-D) and total petroleum hydrocarbons as oil (TPH-O) using Northwest Total Petroleum Hydrocarbons Method NWTPH-Dx. Analytical results are summarized in Table 2.

Dissolved oxygen field measurements and historic natural attenuation parameter analytical results are presented in Table 3.

A copy of the analytical laboratory reports and the chain of custody documentation are included in Appendix A.

### **2.3 Passive Separate-Phase Hydrocarbon Recovery**

During previous groundwater monitoring events, measurable SPH or sheens have been observed in nine wells (A-4, A-6, A-16, 12, MW-7, MW-9, MW-21, MW-23 and MW-24). Therefore, passive SPH recovery is currently being performed in these wells as needed. In these wells, absorbent socks are installed inside a perforated metal canister and lowered into each well to absorb floating hydrocarbon. Previous to bio-sparge system shutdown, the canister was pulled from the well on a monthly basis, concurrent system O&M events, the used sock was removed, and a new sock was installed. Currently, socks are replaced on a quarterly basis.

## **3.0 SUMMARY OF FINDINGS**

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### **3.1 Groundwater Monitoring**

Groundwater monitoring for this event included gauging 44 wells and collecting samples from 15 wells. During the collection of water level measurements sheens were observed in Wells A-6, A-16, and MW-21. Measurable SPH was not observed in any Well.

Groundwater elevations indicate that groundwater gradient is generally flat across the majority of the site, with a slight trend towards the south. Groundwater elevations are summarized on Table 1 and shown on Figure 3. The measurements indicate that groundwater elevations throughout the site are at seasonal high levels.

#### **3.1.1 Data Validation**

All groundwater samples that were collected for analysis were processed within the designated holding times. Alpha Analytical reported that the method blank and laboratory control sample results were within acceptable limits. A duplicate sample was collected from MW-24 (labeled Dup-1) and was analyzed for the same constituents. Analytical results for this duplicate sample indicated that the results were within acceptable limits for all analytes. The detection limits were satisfactory and surrogate recovery results were acceptable. Chain of custody forms were properly completed as well.

#### **3.1.2 Groundwater Analytical Results**

Concentrations of TPH-G ranged from non-detectable at the method reporting limit (MRL) to 18 milligrams per liter (mg/L) in Well MW-24. TPH-D was detected at 1.7 mg/L in the one well analyzed for this constituent (MW-21). The highest concentration of benzene, toluene, ethylbenzene, and xylenes were observed at 0.37 mg/L (MW-24), 0.034 mg/L (MW-19), 0.42 mg/L (MW-24), and 2.56 mg/L (MW-24). TPH concentrations in groundwater are summarized in Table 2 and are shown on Figure 4.

Based on comparison of the recent and historical laboratory results for petroleum hydrocarbons in groundwater, it appears that concentrations of hydrocarbon constituents are generally consistent with results reported in previous groundwater monitoring and sampling events.

### **3.2 Passive SPH Recovery System**

During previous groundwater monitoring events, measurable SPH or sheens have been observed in nine wells (A-4, A-6, A-16, 12, MW-7, MW-9, MW-21, MW-23, and MW-24). During this monitoring event, sheens were observed in Wells A-6, A-16, and MW-21. Measureable SPH was not observed in any Well.

#### **4.0 REMARKS**

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The recommendations contained in this report represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea USA, Inc. 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 Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this report. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this report.

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Date: February 2012

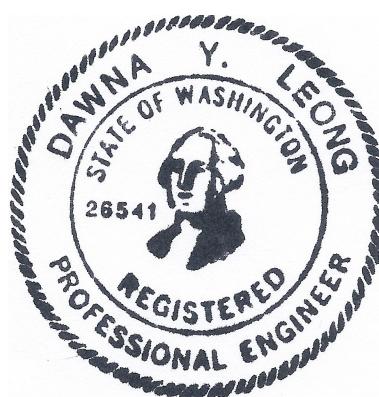
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Date: February 2012



## **Tables**

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| Table 1 | Groundwater Elevation Data                 |
| Table 2 | Groundwater Analytical Results             |
| Table 3 | Groundwater Natural Attenuation Parameters |

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-1</b>	02/11/02	10.93	7.47	-	3.46
	05/20/02	10.93	9.99	-	0.94
	08/27/02	10.93	4.72	-	6.21
	11/04/02	10.93	8.95	-	1.98
	02/18/03	10.93	7.92	-	3.01
	06/09/03	10.93	8.47	-	2.46
	09/15/03	14.64	8.83	-	5.81
	11/18/03	14.64	8.45	-	6.19
	02/24/04	14.64	7.89	-	6.75
	05/10/04	14.64	8.53	-	6.11
	08/24/04	14.64	8.73	-	5.91
	12/13/04	14.64	8.45	-	6.19
	03/08/05	14.64	8.59	-	6.05
	06/06/05	14.64	8.41	-	6.23
	09/19/05	14.64	8.87	-	5.77
	12/12/05	14.64	8.63	-	6.01
	03/13/06	14.64	7.95	-	6.69
	06/05/06	14.64	8.37	-	6.27
	09/11/06	14.64	8.81	-	5.83
	12/11/06	14.64	7.95	-	6.69
<b>A-2</b>	02/11/02	10.85	7.41	-	3.44
	05/20/02	10.85	9.28	-	1.57
	08/27/02	10.85	4.66	-	6.19
	11/04/02	10.85	8.90	-	1.95
	02/18/03	10.85	7.98	-	2.87
	06/09/03	10.85	8.41	-	2.44
	09/15/03	14.66	8.77	-	5.89
	11/18/03	14.66	8.35	-	6.31
	02/24/04	14.66	7.80	-	6.86
	05/10/04	14.66	8.51	-	6.15
	08/24/04	14.66	8.55	-	6.11
	12/13/04	14.66	8.38	-	6.28
	03/08/05	14.66	8.77	-	5.89
	06/06/05	14.66	8.45	-	6.21
	09/19/05	14.66	8.79	-	5.87
	12/12/05	14.66	8.58	-	6.08
	03/13/06	14.66	7.81	-	6.85
	06/05/06	14.66	8.29	-	6.37
	09/11/06	14.66	8.76	-	5.90
	12/11/06	14.66	7.96	-	6.70

**TABLE 1**  
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Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-3</b>	02/11/02	10.50	7.30	<0.01	3.20
	05/20/02	10.50	9.03	-	1.47
	08/27/02	10.50	8.43	-	2.07
	11/04/02	10.50	8.64	-	1.86
	02/18/03	10.50	7.61	-	2.89
	06/09/03	10.50	8.19	-	2.31
	09/15/03	14.32	8.50	-	5.82
	11/18/03	14.32	7.56	-	6.76
	02/24/04	14.32	7.56	-	6.76
	05/10/04	14.32	8.12	-	6.20
	08/24/04	14.32	8.23	-	6.09
	12/13/04	14.32	7.85	-	6.47
	03/08/05	14.32	8.20	-	6.12
	06/06/05	14.32	8.03	-	6.29
	09/19/05	14.32	8.50	-	5.82
	12/12/05	14.32	8.32	-	6.00
	03/13/06	14.32	7.51	-	6.81
	06/05/06	14.32	7.96	-	6.36
	09/11/06	14.32	8.46	-	5.86
	12/11/06	14.32	7.56	-	6.76

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
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Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-4</b>	02/11/02	10.74	7.38	0.14	3.47*
	05/20/02	10.74	8.20	0.02	2.56*
	08/27/02	10.74	7.62	0.04	3.15*
	11/04/02	10.74	7.92	Sheen	2.82**
	02/18/03	10.74	7.84	Sheen	2.90**
	06/09/03	10.74	6.40	0.10	4.42* **
	09/15/03	13.22	8.38	0.10	4.92* **
	11/18/03	13.22	6.65	0.01	6.58* **
	02/24/04	13.22	7.00	-	6.22**
	05/10/04	13.22	6.79	-	6.43**
	08/24/04	13.22	7.76	-	5.46**
	12/13/04	13.22	6.10	Sheen	7.12
	03/08/05	13.22	7.21	Sheen	6.01
	06/06/05	13.22	7.23	Sheen	5.99
	09/19/05	13.22	7.78	-	5.44
	12/12/05	13.22	7.77	-	5.45
	03/13/06	13.22	6.85	-	6.37
	06/05/06	13.22	7.30	Sheen	5.92
	09/11/06	13.22	8.02	0.01	5.21
	12/11/06	13.22	7.04	-	6.18
	03/26/07	13.22	6.90	-	6.32
	06/18/07	13.22	7.29	-	5.93
	09/24/07	13.22	7.48	Sheen	5.74
	12/10/07	13.22	6.83	-	6.39
	03/03/08	13.22	7.11	0.01	6.19
	06/02/08	13.22	7.52	Sheen	5.78
	09/04/08	13.22	7.57	Sheen	5.66
	12/04/08	13.22	7.44	-	5.78
	03/04/09	13.22	7.09	--	6.13
	6/1/2009	13.22	7.32	Sheen	5.90
	09/21/09	13.22	7.61	Sheen	5.61
	11/16/09	13.22	6.97	Sheen	6.25
	03/08/10	13.22	6.54	--	6.68
	06/07/10	13.22	6.92	Sheen	6.30
	09/09/10	13.22	7.59	--	5.63
	11/16/10	13.22	7.11	--	6.11
	03/01/11	13.22	6.66	--	6.56
	05/23/11	13.22	6.84	Sheen	6.38
	08/29/11	13.22	7.50	--	5.72
	<b>12/01/11</b>	<b>13.22</b>	<b>7.16</b>	--	<b>6.06</b>

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Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-5</b>	02/11/02	10.42	7.00	-	3.42
	05/20/02	10.42	8.89	-	1.53
	08/27/02	10.42	8.25	-	2.17
	11/04/02	10.42	8.43	-	1.99
	02/18/03	10.42	7.35	-	3.07
	06/09/03	10.42	7.99	-	2.43
	09/15/03	14.13	8.33	Sheen	5.80
	11/18/03	14.13	7.82	-	6.31
	02/24/04	14.13	6.45	-	7.68
	05/10/04	14.13	8.04	-	6.09
	08/24/04	14.13	8.02	-	6.11
	12/13/04	14.13	7.88	-	6.25
	03/08/05	14.13	8.00	-	6.13
	06/06/05	14.13	7.89	-	6.24
	09/19/05	14.13	8.37	-	5.76
	12/12/05	14.13	8.15	-	5.98
	03/13/06	14.13	7.39	-	6.74
	06/05/06	14.13	7.82	-	6.31
	09/11/06	14.13	8.34	-	5.79
	12/11/06	14.13	7.41	-	6.72
	03/26/07	14.13	7.41	-	6.72
	06/18/07	14.13	8.32	-	5.81
	09/24/07	14.13	8.32	-	5.81
	12/10/07	14.13	7.66	-	6.47
	03/03/08	14.13	7.78	-	6.35
	06/02/08	14.13	8.21	-	5.92
	09/04/08	14.13	8.10	-	6.03
	12/04/08	14.13	8.15	-	5.98
	03/04/09	14.13	7.76	-	6.37
	06/01/09	14.13	8.03	-	6.10
	09/21/09	14.13	8.35	-	5.78
	11/16/09	14.13	7.70	-	6.43
	03/08/10	14.13	7.21	-	6.92
	06/07/10	14.13	7.74	-	6.39
	09/09/10	14.13	8.26	-	5.87
	11/15/10	14.13	7.85	-	6.28
	03/01/11	14.13	7.47	-	6.66
	05/23/11	14.13	7.58	-	6.55
	08/29/11	14.13	8.17	-	5.96
	<b>12/01/11</b>	<b>14.13</b>	<b>7.89</b>	-	<b>6.24</b>

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Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-6</b>	02/11/02	-	6.40	0.13	Casing Broken
	05/20/02	-	8.13	0.14	Casing Broken
	08/27/02	-	7.80	0.45	Casing Broken
	11/04/02	-	7.33	0.01	Casing Broken**
	02/18/03	-	8.50	Sheen	Casing Broken**
	06/09/03	-	7.45	0.01	Re-cut TOC; repaired
	09/15/03	12.81	7.77	0.01	5.05* **
	11/18/03	12.81	7.46	0.54	5.78* **
	02/24/04	12.81	6.65	0.40	6.48* **
	05/10/04	12.81	6.95	0.10	5.94* **
	08/24/04	12.81	7.21	0.21	5.77* **
	12/13/04	12.81	6.80	0.14	6.12*
	03/08/05	12.81	6.98	0.32	6.09*
	06/06/05	12.81	6.81	0.04	6.03*
	09/19/05	12.81	7.81	0.59	5.47*
	10/12/05	12.81	7.95	0.50	5.26*
	12/12/05	12.81	8.20	0.95	5.37*
	03/13/06	12.81	6.68	0.08	6.19*
	06/05/06	12.81	7.10	0.13	5.81*
	09/11/06	12.81	7.82	0.27	5.21*
	12/11/06	12.81	6.58	0.02	6.25*
	03/26/07	12.81	6.51	-	6.30
	06/18/07	12.81	7.00	-	5.81
	09/24/07	12.81	7.20	Sheen	5.61
	12/10/07	12.81	6.58	-	6.23
	03/03/08	12.81	6.59	-	6.22
	06/02/08	12.81	7.05	Sheen	5.76
	09/04/08	12.81	7.19	Sheen	5.62
	12/04/08	12.81	7.15	Sheen	5.66
	03/04/09	12.81	6.51	Sheen	6.30
	06/01/09	12.81	7.00	Sheen	5.81
	09/21/09	12.81	7.24	Sheen	5.57
	11/16/09	12.81	6.50	Sheen	6.31
	03/08/10	12.81	6.14	--	6.67
	06/07/10	12.81	6.71	Sheen	6.10
	09/09/10	12.81	7.12	--	5.69
	11/15/10	12.81	6.79	Sheen	6.02
	03/01/11	12.81	6.38	Sheen	6.43
	05/23/11	12.81	6.52	Sheen	6.29
	08/29/11	12.81	7.04	0.03	5.79*
	<b>12/01/11</b>	<b>12.81</b>	<b>6.95</b>	<b>Sheen</b>	<b>5.86</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-7</b>	02/11/02	9.50	6.25	-	3.25
	05/20/02	9.50	8.10	-	1.40
	08/27/02	9.50	7.40	-	2.10
	11/04/02	9.50	7.55	-	1.95
	02/18/03	9.50	7.53	-	1.97
	06/09/03	9.50	7.12	-	2.38
	09/15/03	13.43	7.45	-	5.98
	11/18/03	13.43	6.78	-	6.65
	02/24/04	13.43	6.89	-	6.54
	05/10/04	13.43	6.66	-	6.77
	08/24/04	13.43	7.67	-	5.76
	12/13/04	13.43	6.88	-	6.55
	03/08/05	13.43	4.45	-	8.98
	06/06/05	13.43	6.84	-	6.59
	09/19/05	13.43	7.47	-	5.96
	12/12/05	13.43	7.22	-	6.21
	03/13/06	13.43	6.41	-	7.02
	06/05/06	13.43	6.90	-	6.53
	09/11/06	13.43	7.53	-	5.90
	12/11/06	13.43	6.69	-	6.74

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-8</b>	02/11/02	10.46	6.98	-	3.48
	05/20/02	10.46	8.87	-	1.59
	08/27/02	10.46	7.26	-	3.20
	11/04/02	10.46	8.51	-	1.95
	02/18/03	10.46	4.83	-	5.63
	06/09/03	10.46	8.11	-	2.35
	09/15/03	14.61	8.38	-	6.23
	11/18/03	14.61	7.87	Sheen	6.74
	02/24/04	14.61	7.43	-	7.18
	05/10/04	14.61	8.04	-	6.57
	08/24/04	14.61	8.18	-	6.43
	12/13/04	14.61	7.90	-	6.71
	03/08/05	14.61	8.11	-	6.50
	06/06/05	14.61	7.98	-	6.63
	09/19/05	14.61	8.44	-	6.17
	12/12/05	14.61	8.22	-	6.39
	03/13/06	14.61	7.49	-	7.12
	06/05/06	14.61	7.89	-	6.72
	09/11/06	14.61	8.45	-	6.16
	12/11/06	14.61	7.66	-	6.95
	03/26/07	14.61	7.71	-	6.90
	06/18/07	14.61	8.27	-	6.34
	09/24/07	14.61	8.50	-	6.11
	12/10/07	14.61	7.44	-	7.17
	03/03/08	14.61	7.83	-	6.78
	06/02/08	14.61	8.20	-	6.41
	09/04/08	14.61	NM	-	Inaccesible
	12/04/08	14.61	8.20	-	6.41
	03/04/09	14.61	7.70	-	6.91
	06/01/09	14.61	8.11	-	6.50
	09/21/09	14.61	8.37	-	6.24
	11/16/09	14.61	7.70	-	6.91
	03/08/10	14.61	7.31	-	7.30
	06/07/10	14.61	7.85	-	6.76
	09/09/10	14.61	8.28	-	6.33
	11/15/10	14.61	7.94	-	6.67
	03/01/11	14.61	7.56	-	7.05
	05/23/11	14.61	7.70	-	6.91
	08/29/11	14.61	8.21	-	6.40
	<b>12/01/11</b>	<b>14.61</b>	<b>8.06</b>	-	<b>6.55</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-9</b>	02/11/02	10.35	7.20	0.01	3.16*
	05/20/02	10.35	8.86	-	1.49
	08/27/02	10.35	8.27	Sheen	2.08
	11/04/02	10.35	8.39	0.01	1.97*
	02/18/03	10.35	7.45	-	2.90
	06/09/03	10.35	8.06	-	2.29
	09/15/03	14.42	8.03	-	6.39
	11/18/03	14.42	7.62	-	6.80
	02/24/04	14.42	7.21	-	7.21
	05/10/04	14.42	8.00	-	6.42
	08/24/04	14.42	8.18	-	6.24
	12/13/04	14.42	7.73	-	6.69
	03/08/05	14.42	8.00	-	6.42
	06/06/05	14.42	7.89	-	6.53
	09/19/05	14.42	8.28	-	6.14
	12/12/05	14.42	8.04	-	6.38
	03/13/06	14.42	7.37	-	7.05
	06/05/06	14.42	7.79	-	6.63
	09/11/06	14.42	8.36	-	6.06
	12/11/06	14.42	7.46	-	6.96

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-10</b>	02/11/02	9.48	6.15	-	3.58
	05/20/02	9.48	7.98	-	1.50
	05/20/02	9.48	7.98	-	1.50
	08/27/02	9.48	7.34	Sheen	2.14
	11/04/02	9.48	7.54	Sheen	1.94
	02/18/03	9.48	6.57	-	2.91
	06/09/03	9.48	7.15	-	2.33
	09/15/03	13.51	7.45	Sheen	6.06
	11/18/03	13.51	6.95	Sheen	6.56
	02/24/04	13.51	6.50	Sheen	7.01
	05/10/04	13.51	7.15	Sheen	6.36
	08/24/04	13.51	7.31	-	6.20
	12/13/04	13.51	6.95	-	6.56
	03/08/05	13.51	7.17	-	6.34
	06/06/05	13.51	7.01	-	6.50
	09/19/05	13.51	7.54	-	5.97
	12/12/05	13.51	7.25	-	6.26
	03/13/06	13.51	6.58	-	6.93
	06/05/06	13.51	6.92	-	6.59
	09/11/06	13.51	7.43	-	6.08
	12/11/06	13.51	6.59	-	6.92
	03/26/07	13.51	6.83	-	6.68
	06/18/07	13.51	7.29	-	6.22
	09/24/07	13.51	7.44	-	6.07
	12/10/07	13.51	6.79	-	6.72
	03/03/08	13.51	7.83	-	5.68
	06/02/08	13.51	7.31	-	6.20
	09/04/08	13.51	7.23	-	6.28
	12/04/08	13.51	6.87	-	6.64
	03/04/09	13.51	6.90	-	6.61
	06/01/09	13.51	7.18	-	6.33
	09/21/09	13.51	7.39	-	6.12
	11/16/09	13.51	6.84	-	6.67
	03/08/10	13.51	6.34	-	7.17
	06/07/10	13.51	6.84	-	6.67
	09/09/10	13.51	7.34	-	6.17
	11/15/10	13.51	6.93	-	6.58
	03/01/11	13.51	6.60	-	6.91
	05/23/11	13.51	6.68	-	6.83
	08/29/11	13.51	7.25	-	6.26
	<b>12/01/11</b>	<b>13.51</b>	<b>6.96</b>	<b>-</b>	<b>6.55</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-11</b>	02/11/02	10.36	7.01	-	3.35
	05/20/02	10.36	8.83	-	1.53
	08/27/02	10.36	8.21	-	2.15
	11/04/02	10.36	8.73	-	1.63
	02/18/03	10.36	5.42	-	4.94
	06/09/03	10.36	8.01	-	2.35
	09/15/03	14.40	8.32	-	6.08
	11/18/03	14.40	6.71	-	7.69
	02/24/04	14.40	7.35	-	7.05
	05/10/04	14.40	8.10	-	6.30
	08/24/04	14.40	8.17	-	6.23
	12/13/04	14.40	7.85	-	6.55
	03/08/05	14.40	7.90	-	6.50
	06/06/05	14.40	7.88	-	6.52
	09/19/05	14.40	8.34	0.01	6.07
	10/12/05	14.40	8.24	-	6.16
	12/12/05	14.40	8.10	-	6.30
	03/13/06	14.40	7.40	-	7.00
	06/05/06	14.40	7.80	-	6.60
	09/11/06	14.40	8.32	-	6.08
	12/11/06	14.40	7.42	-	6.98
	12/10/07	14.40	7.64	-	6.76
	03/03/08	14.40	7.39	-	7.01
	03/04/09	14.40	7.70	-	6.70
	06/01/09	14.40	8.00	-	6.40
	09/21/09	14.40	8.26	-	6.14
	11/16/09	14.40	7.65	-	6.75
	03/08/10	14.40	7.20	-	7.20
	06/07/10	14.40	7.69	-	6.71
	09/09/10	14.40	8.20	-	6.20
	11/15/10	14.40	7.78	-	6.62
	03/01/11	14.40	7.43	-	6.97
	05/23/11	14.40	7.52	-	6.88
	08/29/11	14.40	8.09	-	6.31
	<b>12/01/11</b>	<b>14.40</b>	<b>7.82</b>	-	<b>6.58</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-12</b>	02/11/02	9.10	5.80	-	3.30
	05/20/02	9.10	8.68	-	0.42
	08/27/02	9.10	7.04	-	2.06
	11/04/02	9.10	7.23	-	1.87
	02/18/03	9.10	6.38	-	2.72
	06/09/03	9.10	6.83	-	2.27
	09/15/03	12.92	7.15	-	5.77
	11/18/03	12.92	6.60	-	6.32
	02/24/04	12.92	6.12	-	6.80
	05/10/04	12.92	6.74	-	6.18
	08/24/04	12.92	6.95	-	5.97
	12/13/04	12.92	6.57	-	6.35
	03/08/05	12.92	6.75	Sheen	6.17
	06/06/05	12.95	6.39	-	6.56
	09/19/05	12.95	7.09	-	5.86
	12/12/05	12.95	6.89	-	6.06
	03/13/06	12.95	6.23	-	6.72
	06/05/06	12.95	6.60	-	6.35
	09/11/06	12.95	7.14	-	5.81
	12/11/06	12.95	6.28	-	6.67
	12/10/07	12.95	6.43	-	6.52
	03/03/08	12.95	6.50	-	6.45
	03/04/09	12.95	6.39	-	6.56
	06/01/09	12.95	6.86	-	6.09
	09/21/09	12.95	7.02	-	5.93
	11/16/09	12.95	6.38	-	6.57
	03/08/10	12.95	6.00	-	6.95
	06/07/10	12.95	6.54	-	6.41
	09/09/10	12.95	6.95	-	6.00
	11/15/10	12.95	6.60	-	6.35
	03/01/11	12.95	6.24	-	6.71
	05/23/11	12.95	6.34	-	6.61
	08/29/11	12.95	6.87	-	6.08
	<b>12/01/11</b>	<b>12.95</b>	<b>6.66</b>	-	<b>6.29</b>
<b>A-13</b>	03/27/01				Destroyed during construction activities

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-14</b>	03/27/01		Destroyed during construction activities		
<b>A-14R</b>	02/11/02	12.62	6.90	-	5.72
	05/20/02	12.62	9.77	-	2.85
	08/27/02	12.62	8.10	-	4.52
	11/04/02	12.62	8.30	-	4.32
	02/18/03	10.17	7.31	-	2.86
	06/09/03	10.17	4.82	-	5.35
	09/15/03	14.21	8.20	-	6.01
	11/18/03	14.21	6.10	Sheen	8.11
	02/24/04	14.21	7.23	-	6.98
	05/10/04	14.21	7.89	-	6.32
	08/24/04	14.21	8.01	-	6.20
	12/13/04	14.21	7.75	-	6.46
	03/08/05	14.21	7.87	-	6.34
	06/06/05	14.21	7.71	-	6.50
	09/19/05	14.21	8.16	0.15	6.17
	10/12/05	14.21	8.01	-	6.20
	12/12/05	14.21	7.95	-	6.26
	03/13/06	14.21	7.26	-	6.95
	06/05/06	14.21	7.64	-	6.57
	09/11/06	14.21	8.15	-	6.06
	12/11/06	14.21	7.30	-	6.91
	03/26/07	14.21	7.51	-	6.70
	06/18/07	14.21	7.98	-	6.23
	09/24/07	14.21	8.18	-	6.03
	12/10/07	14.21	7.51	-	6.70
	03/03/08	14.21	7.56	-	6.65
	06/02/08	14.21	8.02	-	6.19
	09/04/08	14.21	7.71	-	6.50
	12/04/08	14.21	7.92	-	6.29
	03/04/09	14.21	7.62	-	6.59
	06/01/09	14.21	7.91	-	6.30
	09/21/09	14.21	8.08	-	6.13
	11/16/09	14.21	7.57	-	6.64
	03/08/10	14.21	7.05	-	7.16
	06/07/10	14.21	7.56	-	6.65
	09/09/10	14.21	8.05	-	6.16
	11/15/10	14.21	7.63	-	6.58
	03/01/11	14.21	7.31	-	6.90
	05/23/11	14.21	7.40	-	6.81
	08/29/11	14.21	7.97	-	6.24
	<b>12/01/11</b>	<b>14.21</b>	<b>7.68</b>	<b>-</b>	<b>6.53</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-15</b>	03/27/01		Destroyed during construction activities		
<b>A-16</b>	02/11/02	10.49	7.23	0.01	3.27*
	05/20/02	10.49	9.03	-	1.46
	08/27/02	10.49	8.41	0.04	2.11*
	11/04/02	10.49	8.81	0.28	1.90*
	02/18/03	10.49	7.51	Sheen	2.98
	06/09/03	10.49	8.16	-	2.33
	09/15/03	14.39	8.80	0.01	5.60*
	11/18/03	14.39	7.74	-	6.65
	02/24/04	14.39	7.54	-	6.85
	05/10/04	14.39	8.50	0.31	6.14*
	08/24/04	14.39	9.03	0.82	6.02*
	12/13/04	14.39	8.08	Sheen	6.31
	03/08/05	14.39	7.90	Sheen	6.49
	06/06/05	14.39	8.05	Sheen	6.34
	09/19/05	14.39	9.24	0.90	5.87*
	10/12/05	14.39	9.38	1.20	5.97*
	12/12/05	14.39	8.22	-	6.17
	03/13/06	14.39	7.75	-	6.64
	06/05/06	14.39	7.98	-	6.41
	09/11/06	14.39	9.20	0.90	5.91
	12/11/06	14.39	7.69	Sheen	6.70
	03/26/07	14.39	7.78	Sheen	6.61
	06/18/07	14.39	8.45	0.34	6.21*
	09/24/07	14.39	8.45	0.02	5.96*
	12/10/07	14.39	7.65	0.01	6.75*
	03/03/08	14.39	7.88	Sheen	6.51
	06/02/08	14.39	8.77	0.04	5.65*
	09/04/08	14.39	7.38	0.04	7.04*
	12/04/08	14.39	8.27	-	6.12
	03/04/09	14.39	7.95	-	6.44
	06/01/09	14.39	8.50	Sheen	5.89
	09/21/09	14.39	8.80	0.35	5.59
	11/16/09	14.39	7.95	Sheen	6.44
	03/08/10	14.39	7.40	--	6.99
	06/07/10	14.39	7.91	Sheen	6.48
	09/09/10	14.39	8.92	0.09	5.47
	11/15/10	14.39	8.21	Sheen	6.18
	03/01/11	14.39	7.65	--	6.74
	05/23/11	14.39	7.79	--	6.60
	08/29/11	14.39	8.52	0.10	5.95*
	<b>12/01/11</b>	<b>14.39</b>	<b>8.24</b>	<b>Sheen</b>	<b>6.15</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-17</b>	02/11/02	9.51	6.09	-	3.42
	05/20/02	9.51	7.92	-	1.59
	05/20/02	9.51	7.92	-	1.59
	08/27/02	9.51	7.33	-	2.18
	11/04/02	9.51	8.52	-	0.99
	02/18/03	9.51	6.51	-	3.00
	06/09/03	9.51	7.19	-	2.32
	09/15/03	13.41	7.43	-	5.98
	11/18/03	13.41	7.85	-	5.56
	02/24/04	13.41	6.47	-	6.94
	05/10/04	13.41	7.11	-	6.30
	08/24/04	13.41	7.12	-	6.29
	12/13/04	13.41	6.90	-	6.51
	03/08/05	13.41	7.15	-	6.26
	06/06/05	13.41	6.89	-	6.52
	09/19/05	13.41	7.55	-	5.86
	12/12/05	13.41	7.24	-	6.17
	03/13/06	13.41	6.50	-	6.91
	06/05/06	13.41	6.94	-	6.47
	09/11/06	13.41	8.34	-	5.07
	12/11/06	13.41	6.79	-	6.62

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-18</b>	02/11/02	10.72	7.42	-	3.30
	05/20/02	10.72	9.22	-	1.50
	08/27/02	10.72	8.59	-	2.13
	11/04/02	10.72	9.80	-	0.92
	02/18/03	10.72	8.36	-	2.36
	06/09/03	10.72	8.36	-	2.36
	09/15/03	14.74	8.65	-	6.09
	11/18/03	14.74	8.22	-	6.52
	02/24/04	14.74	7.06	-	7.68
	05/10/04	14.74	8.50	-	6.24
	08/24/04	14.74	8.56	-	6.18
	12/13/04	14.74	8.23	-	6.51
	03/08/05	14.74	8.33	-	6.41
	06/06/05	14.74	8.21	-	6.53
	09/19/05	14.74	8.67	0.02	6.09*
	10/12/05	14.74	8.55	-	6.19
	12/12/05	14.74	8.42	-	6.32
	03/13/06	14.74	7.74	-	7.00
	06/05/06	14.74	8.14	-	6.60
	09/11/06	14.74	8.63	-	6.11
	12/11/06	14.74	7.78	-	6.96
	12/10/07	14.74	7.81	-	6.93
	03/03/08	14.74	8.03	-	6.71
	03/04/09	14.74	8.07	-	6.67
	06/01/09	14.74	8.34	-	6.40
	09/21/09	14.74	8.57	-	6.17
	11/16/09	14.74	8.07	-	6.67
	03/08/10	14.74	7.54	-	7.20
	06/07/10	14.74	8.00	-	6.74
	09/09/10	14.74	8.53	-	6.21
	11/15/10	14.74	8.11	-	6.63
	03/01/11	14.74	7.75	-	6.99
	05/23/11	14.74	7.85	-	6.89
	08/29/11	14.74	8.44	-	6.30
	<b>12/01/11</b>	<b>14.74</b>	<b>8.11</b>	-	<b>6.63</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-19</b>	02/11/02	10.76	7.52	0.07	3.30*
	05/20/02	10.76	9.19	-	1.57
	08/27/02	10.76	7.61	Sheen	3.15
	11/04/02	10.76	8.79	0.01	1.98*
	02/18/03	10.76	7.70	Sheen	3.06
	06/09/03	10.76	8.35	0.01	2.42*
	09/15/03	14.57	8.71	0.01	5.87*
	11/18/03	14.57	7.69	0.01	6.89*
	02/24/04	14.57	7.81	Sheen	6.76
	05/10/04	14.57	8.35	Sheen	6.22
	08/24/04	14.57	8.68	Sheen	5.89
	12/13/04	14.57	7.98	Sheen	6.59
	03/08/05	14.57	8.28	-	6.29
	06/06/05	14.57	7.26	-	7.31
	09/19/05	14.57	8.66	0.03	5.93*
	10/12/05	14.57	8.55	0.02	6.04*
	12/12/05	14.57	8.46	0.06	6.16*
	03/13/06	14.57	7.65	-	6.92
	06/05/06	14.57	8.10	-	6.47
	09/11/06	14.57	8.63	0.03	5.96*
	12/11/06	14.57	7.65	-	6.92
	03/26/07	14.57	7.89	-	6.68
	06/18/07	14.57	8.36	-	6.21
	09/25/07	14.57	8.64	-	5.93
	12/10/07	14.57	7.82	-	6.75
	03/03/08	14.57	7.95	-	6.62
	06/02/08	14.57	9.84	-	4.73
	09/04/08	14.57	8.30	-	6.27
	12/04/08	14.57	8.99	-	5.58
	03/04/09	14.57	7.89	-	6.68
	06/01/09	14.57	10.47	-	4.10
	09/21/09	14.57	8.53	-	6.04
	11/16/09	14.57	7.87	-	6.70
	03/08/10	14.57	7.45	-	7.12
	06/07/10	14.57	7.19	-	7.38
	09/09/10	14.57	8.41	-	6.16
	11/15/10	14.57	7.94	-	6.63
	03/01/11	14.57	7.72	-	6.85
	05/23/11	14.57	7.82	-	6.75
	08/29/11	14.57	8.39	-	6.18
	<b>12/01/11</b>	<b>14.57</b>	<b>8.14</b>	<b>-</b>	<b>6.43</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-20</b>	02/11/02	10.30	7.16	-	3.14
	05/20/02	10.30	9.76	-	0.54
	08/27/02	10.30	5.19	-	5.11
	11/04/02	10.30	8.39	-	1.91
	02/18/03	10.30	7.38	-	2.92
	06/09/03	10.30	7.95	-	2.35
	09/15/03	14.19	8.25	-	5.94
	11/18/03	14.19	7.70	-	6.49
	02/24/04	14.19	7.29	0.02	6.92*
	05/10/04	14.19	7.99	-	6.20
	08/24/04	14.19	8.18	-	6.01
	12/13/04	14.19	7.65	-	6.54
	03/08/05	14.19	7.89	-	6.30
	06/06/05	14.19	7.81	-	6.38
	09/19/05	14.19	8.25	0.01	5.95*
	10/12/05	14.19	8.12	-	6.07
	12/12/05	14.19	8.00	-	6.19
	03/13/06	14.19	7.25	-	6.94
	06/05/06	14.19	7.72	-	6.47
	09/11/06	14.19	8.22	-	5.97
	12/11/06	14.19	7.28	-	6.91
	03/26/07	14.19	7.51	-	6.68
	06/18/07	14.19	7.98	-	6.21
	09/25/07	14.19	8.19	-	6.00
	12/10/07	14.19	7.45	-	6.74
	03/03/08	14.19	7.55	-	6.64
	06/02/08	14.19	8.48	-	5.71
	09/04/08	14.19	7.92	-	6.27
	12/04/08	14.19	7.99	-	6.20
	03/04/09	14.19	7.19	-	7.00
	06/01/09	14.19	8.38	-	5.81
	09/21/09	14.19	8.11	-	6.08
	11/16/09	14.19	7.43	-	6.76
	03/08/10	14.19	7.15	-	7.04
	06/07/10	14.19	7.54	-	6.65
	09/09/10	14.19	8.03	-	6.16
	11/15/10	14.19	7.51	-	6.68
	03/01/11	14.19	7.34	-	6.85
	05/23/11	14.19	7.45	-	6.74
	08/29/11	14.19	8.03	-	6.16
	<b>12/01/11</b>	<b>14.19</b>	<b>7.70</b>	<b>-</b>	<b>6.49</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-21</b>	02/11/02	10.40	7.18	-	3.22
	05/20/02	10.40	9.88	Sheen	0.52
	08/27/02	10.40	8.28	-	2.12
	11/04/02	10.40	8.50	-	1.90
	02/18/03	10.40	7.47	-	2.93
	06/09/03	10.40	8.01	-	2.39
	09/15/03	14.35	8.65	-	5.70
	11/18/03	14.35	7.86	-	6.49
	02/24/04	14.35	7.43	-	6.92
	05/10/04	14.35	8.10	-	6.25
	08/24/04	14.35	8.29	-	6.06
	12/13/04	14.35	7.75	-	6.60
	03/08/05	14.35	8.00	-	6.35
	06/06/05	14.35	7.90	-	6.45
	09/19/05	14.35	8.24	-	6.11
	12/12/05	14.35	8.15	-	6.20
	03/13/06	14.35	7.38	-	6.97
	06/05/06	14.35	7.21	-	7.14
	09/11/06	14.35	8.31	-	6.04
	12/11/06	14.35	7.44	-	6.91
	03/26/07	14.35	7.64	-	6.71
	06/18/07	14.35	8.15	-	6.20
	09/25/07	14.35	8.30	-	6.05
	12/10/07	14.35	7.62	-	6.73
	03/03/08	14.35	7.67	-	6.68
	06/02/08	14.35	8.18	-	6.17
	09/04/08	14.35	8.09	-	6.26
	12/04/08	14.35	8.07	-	6.28
	03/04/09	14.35	7.51	-	6.84
	06/01/09	14.35	8.03	-	6.32
	09/21/09	14.35	8.27	-	6.08
	11/16/09	14.35	7.68	-	6.67
	03/08/10	14.35	7.26	-	7.09
	06/07/10	14.35	7.66	-	6.69
	09/09/10	14.35	8.19	-	6.16
	11/15/10	14.35	7.73	-	6.62
	03/01/11	14.35	7.42	-	6.93
	05/23/11	14.35	7.56	-	6.79
	08/29/11	14.35	8.11	-	6.24
	<b>12/01/11</b>	<b>14.35</b>	<b>7.81</b>	-	<b>6.54</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-22</b>	09/21/01	10.69	NM	-	Destroyed
<b>A-22R</b>	02/11/02	10.22	7.10	0.13	3.22*
	05/20/02	10.22	9.72	0.08	0.56*
	08/27/02	10.22	8.20	0.16	2.15*
	11/04/02	10.22	8.30	0.15	2.04*
	02/18/03	10.22	7.14	0.02	3.10*
	06/09/03	10.22	7.82	-	2.40
	09/15/03	14.11	8.40	0.01	5.72*
	11/18/03	14.11	7.70	0.05	6.45*
	02/24/04	14.11	7.01	Sheen	7.10
	05/10/04	14.11	7.68	<0.01	6.43
	08/24/04	14.11	7.90	0.18	6.35*
	12/13/04	14.11	7.40	Sheen	6.71
	03/08/05	14.11	7.08	-	7.03
	06/06/05	14.11	7.21	-	6.90
	09/19/05	14.11	8.11	0.01	6.01
	10/12/05	14.11	8.22	0.20	6.05
	12/12/05	14.11	7.87	-	6.24
	03/13/06	14.11	7.15	-	6.96
	06/05/06	14.11	7.75	-	6.36
	09/11/06	14.11	8.16	-	5.95
	12/11/06	14.11	7.14	-	6.97
	03/26/07	14.11	7.34	-	6.77
	06/18/07	14.11	7.86	-	6.25
	12/10/07	14.11	7.38	-	6.73
	03/03/08	14.11	7.47	-	6.64
	06/02/08	14.11	8.90	-	5.21
	09/04/08	14.11	NM	-	Sock in well
	12/04/08	14.11	NM	-	Sock in well
	03/04/09	14.11	NM	-	Sock in well
	06/01/09	14.11	NM	-	Sock in well
	09/21/09	14.11	NM	-	Sock in well
	11/16/09	14.11	7.36	-	6.75
	03/08/10	14.11	6.95	-	7.16
	06/07/10	14.11	7.52	-	6.59
	09/09/10	14.11	7.94	-	6.17
	11/15/10	14.11	7.92	-	6.19
	03/01/11	14.11	7.21	-	6.90
	05/23/11	14.11	7.35	-	6.76
	08/29/11	14.11	7.87	-	6.24
	<b>12/01/11</b>	<b>14.11</b>	<b>7.75</b>	<b>-</b>	<b>6.36</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-23</b>	06/14/01		Destroyed during construction activities		
<b>A-23R</b>	02/11/02	11.73	8.53	-	3.20
	05/20/02	11.73	10.23	-	1.50
	05/20/02	11.73	10.23	-	1.50
	08/27/02	11.73	6.63	-	5.10
	11/04/02	11.73	9.81	-	1.92
	02/18/03	11.73	8.75	-	2.98
	06/09/03	11.73	9.35	-	2.38
	09/15/03	15.57	10.03	-	5.54
	11/18/03	15.57	7.85	-	7.72
	02/24/04	15.57	8.05	-	7.52
	05/10/04	15.57	8.69	-	6.88
	08/24/04	15.57	7.69	-	7.88
	12/13/04	15.57	9.22	-	6.35
	03/08/05	15.57	9.38	-	6.19
	06/07/05	15.57	9.35	-	6.22
	09/20/05	15.57	9.68	-	5.89
	12/12/05	15.57	9.20	-	6.37
	03/13/06	15.57	8.69	-	6.88
	06/08/06	15.57	9.13	-	6.44
	09/11/06	15.57	10.03	-	5.54
	12/11/06	15.57	8.72	-	6.85
	03/26/07	15.57	8.94	-	6.63
	06/18/07	15.57	9.37	-	6.20
	09/25/07		Could not access		
	12/10/07	15.57	8.91	-	6.66
	03/03/08	15.57	9.00	-	6.57
	06/02/08	15.57	9.22	-	6.35
	09/04/08	15.57	NM	-	Inaccessible
	12/04/08	15.57	9.34	--	6.23
	03/04/09	15.57	9.81	--	5.76
	06/01/09	15.57	9.26	--	6.31
	09/21/09	15.57	9.51	--	6.06
	11/16/09	15.57	8.94	--	6.63
	03/08/10	15.57	8.48	--	7.09
	06/07/10	15.57	8.95	--	6.62
	09/09/10	15.57	9.45	--	6.12
	11/16/10	15.57	9.01	--	6.56
	03/01/11	15.57	8.68	--	6.89
	05/24/11	15.57	8.85	--	6.72
	08/29/11	15.57	9.41	--	6.16
	<b>12/01/11</b>	<b>15.57</b>	<b>9.09</b>	--	<b>6.48</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-24</b>	10/06/00		Destroyed during construction activities		
<b>A-25</b>	02/11/02	10.12	6.78	-	3.34
	05/20/02	10.12	8.56	-	1.56
	08/27/02	10.12	7.99	-	2.13
	11/04/02	10.12	8.18	-	1.94
	02/18/03	10.12	7.08	-	3.04
	06/09/03	10.12	8.71	-	1.41
	09/15/03	13.90	8.05	-	5.85
	11/18/03	13.90	7.50	Sheen	6.40
	02/24/04	13.90	7.00	-	6.90
	05/10/04	13.90	7.75	-	6.15
	08/24/04	13.90	7.82	-	6.08
	12/13/04	13.90	7.46	-	6.44
	03/08/05	13.90	7.70	-	6.20
	06/06/05	13.90	7.53	-	6.37
	09/19/05	13.90	8.07	0.01	5.84
	10/12/05	13.90	7.95	-	5.95
	12/12/05	13.90	7.79	-	6.11
	03/13/06	13.90	6.98	-	6.92
	06/05/06	13.90	7.43	-	6.47
	09/11/06	13.90	8.10	-	5.80
	12/11/06	13.90	7.05	-	6.85
	12/10/07	13.90	7.23	-	6.67
	03/03/08	13.90	7.36	-	6.54
	03/04/09	13.90	7.37	-	6.53
	06/01/09	13.90	7.81	-	6.09
	09/21/09	13.90	8.00	-	5.90
	11/16/09	13.90	7.16	-	6.74
	03/08/10	13.90	6.83	-	7.07
	06/07/10	13.90	7.36	-	6.54
	09/09/10	13.90	7.97	-	5.93
	11/15/10	13.90	7.44	Sheen	6.46
	03/01/11	13.90	7.04	--	6.86
	05/23/11	13.90	7.18	--	6.72
	08/29/11	13.90	7.81	--	6.09
	<b>12/01/11</b>	<b>13.90</b>	<b>7.52</b>	<b>--</b>	<b>6.38</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-26</b>	03/27/01	Destroyed during construction of utility trench			
<b>A-26R</b>	02/11/02	10.39	7.13	0.02	3.28*
	05/20/02	10.39	9.79	-	0.60
	08/27/02	10.39	8.23	0.02	2.18*
	11/04/02	10.39	8.41	0.04	2.01*
	02/18/03	10.39	7.29	-	3.10
	06/09/03	10.39	7.92	-	2.47
	09/15/03	14.19	8.31	-	5.88
	11/18/03	14.19	7.64	Sheen	6.55
	02/24/04	14.19	7.17	-	7.02
	05/10/04	14.19	7.93	-	6.26
	08/24/04	14.19	8.10	-	6.09
	12/13/04	14.19	7.55	-	6.64
	03/08/05	14.19	7.80	-	6.39
	06/06/05	14.19	7.18	-	7.01
	09/19/05	14.19	8.25	0.01	5.95*
	10/12/05	14.19	8.20	-	5.99
	12/12/05	14.19	7.98	-	6.21
	03/13/06	14.19	7.21	-	6.98
	06/05/06	14.19	7.66	-	6.53
	09/11/06	14.19	8.25	-	5.94
	12/11/06	14.19	7.22	-	6.97
	12/10/07	14.19	7.48	-	6.71
	03/03/08	14.19	7.58	-	6.61
	03/04/09	14.19	7.56	-	6.63
	06/01/09	14.19	NM	-	Inaccessible
	09/21/09	14.19	8.21	-	5.98
	11/16/09	14.19	7.48	-	6.71
	03/08/10	14.19	7.04	-	7.15
	06/07/10	14.19	7.57	-	6.62
	09/09/10	14.19	8.17	-	6.02
	11/15/10	14.19	7.69	-	6.50
	03/01/11	14.19	7.28	-	6.91
	05/23/11	14.19	7.40	-	6.79
	08/29/11	14.19	7.99	-	6.20
	<b>12/01/11</b>	<b>14.19</b>	<b>7.81</b>	<b>-</b>	<b>6.38</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-27</b>	02/11/02	13.45	10.05	-	3.40
	05/20/02	13.45	12.84	-	0.61
	08/27/02	13.45	11.31	-	2.14
	11/04/02	13.45	11.46	-	1.99
	02/18/03	13.45	10.32	-	3.13
	06/09/03	13.45	10.97	-	2.48
	09/15/03	17.22	11.38	-	5.84
	11/18/03	17.22	10.75	-	6.47
	02/24/04	17.22	10.15	-	7.07
	05/10/04	17.22	8.00	-	9.22
	08/24/04	17.22	11.15	-	6.07
	12/13/04	17.22	7.80	-	9.42
	03/08/05	17.22	10.83	-	6.39
	06/06/05	17.22	10.80	-	6.42
	09/19/05	17.22	11.32	-	5.90
	12/12/05	17.22	11.01	-	6.21
	03/13/06	17.22	10.17	-	7.05
	06/05/06	17.22	10.69	-	6.53
	09/11/06	17.22	11.30	-	5.92
	12/11/06	17.22	10.16	-	7.06
	03/26/07	17.22	10.41	-	6.81
	06/18/07	17.22	11.00	-	6.22
	09/24/07	17.22	11.20	-	6.02
	12/10/07	17.22	10.41	-	6.81
	03/03/08	17.22	10.54	-	6.68
	06/02/08	17.22	11.06	-	6.16
	09/04/08	17.22	11.50	-	5.72
	12/04/08	17.22	11.05	-	6.17
	03/04/09	17.22	10.64	-	6.58
	06/01/09	17.22	10.87	-	6.35
	09/21/09	17.22	11.25	-	5.97
	11/16/09	17.22	10.50	-	6.72
	03/08/10	17.22	10.01	-	7.21
	06/07/10	17.22	10.54	-	6.68
	09/09/10	17.22	11.19	-	6.03
	11/15/10	17.22	10.61	-	6.61
	03/01/11	17.22	10.20	-	7.02
	05/23/11	17.22	10.30	-	6.92
	08/29/11	17.22	11.03	-	6.19
	<b>12/01/11</b>	<b>17.22</b>	<b>10.72</b>	<b>-</b>	<b>6.50</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-28</b>	06/14/01		Destroyed during construction activities		
<b>A-28R</b>	02/11/02	11.19	7.72	-	3.47
	05/20/02	11.19	9.51	-	1.68
	08/27/02	11.19	8.97	-	2.22
	11/04/02	11.19	9.20	-	1.99
	02/18/03	11.19	8.20	-	2.99
	06/09/03	11.19	8.67	-	2.52
	09/15/03	14.93	9.05	-	5.88
	11/18/03	14.93	8.45	-	6.48
	02/24/04	14.93	7.91	-	7.02
	05/10/04	14.93	8.66	-	6.27
	08/24/04	14.93	7.90	-	7.03
	12/13/04	14.93	8.58	-	6.35
	03/08/05	14.93	8.67	-	6.26
	06/06/05	14.93	8.47	-	6.46
	09/19/05	14.93	8.99	-	5.94
	12/12/05	14.93	7.71	-	7.22
	03/13/06	14.93	7.79	-	7.14
	06/05/06	14.93	9.13	-	5.80
	09/11/06	14.93	9.00	-	5.93
	12/11/06	14.93	7.89	-	7.04
	03/26/07	14.93	8.05	-	6.88
	06/18/07	14.93	8.64	-	6.29
	09/24/07	14.93	8.81	-	6.12
	12/10/07	14.93	8.01	-	6.92
	03/03/08	14.93	8.17	-	6.76
	06/02/08	14.93	8.64	-	6.29
	09/04/08	14.93	8.73	-	6.20
	12/04/08	14.93	8.69	-	6.24
	03/04/09	14.93	8.29	-	6.64
	06/01/09	14.93	8.51	-	6.42
	09/21/09	14.93	8.92	-	6.01
	11/16/09	14.93	8.21	-	6.72
	03/08/10	14.93	7.61	-	7.32
	06/07/10	14.93	8.14	-	6.79
	09/09/10	14.93	8.73	-	6.20
	11/15/10	14.93	8.22	-	6.71
	03/01/11	14.93	7.80	-	7.13
	05/23/11	14.93	7.89	-	7.04
	08/29/11	14.93	8.70	-	6.23
	<b>12/01/11</b>	<b>14.93</b>	<b>8.32</b>	<b>-</b>	<b>6.61</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>A-29</b>	03/27/01		Destroyed during construction of utility trench		
<b>A-29R</b>	02/11/02	10.12	6.78	-	3.34
	05/20/02	10.12	8.53	-	1.59
	08/27/02	10.12	7.92	-	2.20
	11/04/02	10.12	8.09	-	2.03
	02/18/03	10.12	7.05	-	3.07
	02/19/03	10.12	7.05	-	3.07
	06/09/03	10.12	7.61	-	2.51
	09/15/03	13.85	8.00	-	5.85
	11/18/03	13.85	7.50	-	6.35
	02/24/04	13.85	6.97	-	6.88
	05/10/04	13.85	7.66	-	6.19
	08/24/04	13.85	7.43	-	6.42
	12/13/04	13.85	7.46	-	6.39
	03/08/05	13.85	7.65	-	6.20
	06/06/05	13.85	7.51	-	6.34
	09/19/05	13.85	8.02	-	5.83
	12/12/05	13.85	7.75	-	6.10
	03/13/06	13.85	--	-	Well Inaccessible
	06/05/06	13.85	7.44	-	6.41
	09/11/06	13.85	8.00	-	5.85
	12/11/06	13.85	7.07	-	6.78
	03/26/07	13.85	7.25	-	6.60
	06/18/07	13.85	7.58	-	6.27
	09/24/07	13.85	8.03	-	5.82
	12/10/07	13.85	7.21	-	6.64
	06/02/08	13.85	8.46	-	5.39
	09/04/08	13.85	7.82	-	6.03
	12/04/08	13.85	7.78	-	6.07
	05/23/11	13.85	7.22	-	6.63

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>3</b>	02/11/02	9.78	5.71	-	Casing Damaged
	05/20/02	9.78	7.97	-	Casing Damaged
	08/27/02	9.78	7.57	-	Casing Damaged
	11/04/02	9.78	7.82	-	Casing Damaged
	02/18/03	9.78	6.02	-	Casing Damaged
	06/09/03	9.78	7.16	-	Casing Damaged
	06/11/03			Abandoned	
<b>4</b>	02/11/02	7.97	3.86	-	4.11
	05/20/02	7.97	6.07	-	1.90
	08/27/02	7.97	5.17	-	2.80
	11/04/02	7.97	5.40	-	2.57
	02/18/03	7.97	3.78	-	4.19
	02/19/03	7.97	3.78	-	4.19
	06/09/03	7.97	4.75	-	3.22
	09/15/03	11.01	5.37	-	Casing Broken
	11/18/03	11.01	4.33	-	Casing Broken
	02/24/04	11.01	3.91	-	Casing Broken
	05/10/04	11.01	4.75	-	Casing Broken
	08/24/04	11.01	4.94	-	Casing Broken
	12/13/04	11.01	4.17	-	Casing Broken
	03/08/05	11.01	3.80	-	Casing Broken
	06/06/05	11.01	4.63	-	Casing Broken
	09/19/05	11.01	--	-	Casing Broken
	12/12/05	11.01	4.76	-	Casing Broken
	03/13/06	11.01	3.82	-	Casing Broken
	06/05/06	11.01	--	-	Casing Broken
	09/11/06	11.01	--	-	Casing Broken
	12/11/06	11.01	--	-	Casing Broken
<b>5</b>	02/11/02	8.30	3.73	-	Casing Damaged
	05/20/02	8.30	5.89	-	Casing Damaged
	08/27/02	8.30	5.40	-	Casing Damaged
	11/04/02	8.30	5.74	-	Casing Damaged
	02/18/03	8.30	4.20	-	Casing Damaged
	06/11/03			Abandoned	

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>6</b>	02/11/02	9.15	4.50	-	4.65
	05/20/02	9.15	6.88	-	2.27
	08/27/02	9.15	6.65	-	2.50
	11/04/02	9.15	6.99	-	2.16
	02/18/03	9.15	5.14	-	4.01
	06/09/03	9.15	6.24	-	2.91
	09/15/03	12.76	6.95	-	5.81
	11/18/03	12.76	5.56	-	7.20
	02/24/04	12.76	5.31	-	7.45
	05/10/04	12.76	6.24	-	6.52
	08/24/04	12.76	6.41	-	6.35
	12/13/04	12.76	4.28	-	8.48
	03/08/05	12.76	6.28	-	6.48
	06/06/05	12.76	5.94	-	6.82
	09/19/05	12.76	6.87	-	5.89
	12/12/05	12.76	6.13	-	6.63
	03/13/06	12.76	5.13	-	7.63
	06/05/06	12.76	5.68	-	7.08
	09/11/06	12.76	6.78	-	5.98
	12/11/06	12.76	5.52	-	7.24
<b>7</b>	02/11/02	9.09	5.23	-	3.86
	05/20/02	9.09	7.31	-	1.78
	08/27/02	9.09	6.85	-	2.24
	11/04/02	9.09	7.07	-	2.02
	02/18/03	9.09	7.74	-	1.35
	06/09/03	9.09	6.45	-	2.64
	09/15/03	12.72	7.04	-	5.68
	11/18/03	12.72	6.11	-	6.61
	02/24/04	12.72	5.96	-	6.76
	05/10/04	12.72	6.62	-	6.10
	08/24/04	12.72	6.56	-	6.16
	12/13/04	12.72	6.00	-	6.72
	03/08/05	12.72	5.66	-	7.06
	06/06/05	12.72	6.45	-	6.27
	09/19/05	12.72	7.04	-	5.68
	12/12/05	12.72	6.69	-	6.03
	03/13/06	12.72	5.07	-	7.65
	06/05/06	12.72	7.40	-	5.32
	09/11/06	12.72	6.98	-	5.74
	12/11/06	12.72	5.62	-	7.10

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>8</b>	02/11/02	9.42	5.20	-	4.22
	05/20/02	9.42	7.52	-	Casing Tilted
	08/27/02	9.42	7.12	-	Casing Tilted
	11/04/02	9.42	7.25	-	Casing Tilted
	02/18/03	9.42	5.79	-	Casing Tilted
	06/11/03			Abandoned	
<b>9</b>	02/11/02	9.36	4.26	-	5.10
	05/20/02	9.36	6.76	-	2.60
	08/27/02	9.36	6.38	-	2.98
	11/04/02	9.36	7.00	-	2.36
	02/18/03	9.36	4.94	-	4.42
	06/09/03	9.36	6.11	-	3.25
	09/15/03	12.89	6.96	-	5.93
	11/18/03	12.89	5.51	-	7.38
	02/24/04	12.89	5.19	-	7.70
	05/10/04	12.89	6.18	-	6.71
	08/24/04	12.89	3.46	-	9.43
	12/13/04	12.89	5.48	-	7.41
	03/08/05	12.89	6.36	-	6.53
	06/06/05	12.89	5.82	-	7.07
	09/19/05	12.89	6.87	-	6.02
	12/12/05	12.89	6.15	-	6.74
	03/13/06	12.89	5.02	-	7.87
	06/05/06	12.89	5.51	-	7.38
	09/11/06	12.89	6.80	-	6.09
	12/11/06	12.89	4.79	-	8.10

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>10</b>	02/11/02	9.57	4.39	-	5.18
	05/20/02	9.57	6.98	-	2.59
	08/27/02	9.57	6.95	-	2.62
	11/04/02	9.57	7.29	-	2.28
	02/18/03	9.57	5.05	-	4.52
	06/09/03	9.57	6.34	-	3.23
	09/15/03	13.20	7.21	-	5.99
	11/18/03	13.20	5.62	-	7.58
	02/24/04	13.20	5.21	-	7.99
	05/10/04	13.20	6.47	-	6.73
	08/24/04	13.20	6.61	-	6.59
	12/13/04	13.20	5.48	-	7.72
	03/08/05	13.20	6.41	-	6.79
	06/06/05	13.20	6.09	-	7.11
	09/19/05	13.20	7.17	-	6.03
	12/12/05	13.20	6.29	-	6.91
	03/13/06	13.20	5.15	-	8.05
	06/05/06	13.20	5.70	-	7.50
	09/11/06	13.20	7.06	-	6.14
	12/11/06	13.20	4.88	-	8.32
<b>11</b>	02/11/02	8.57	3.01	-	5.56
	05/20/02	8.57	5.61	-	2.96
	08/27/02	8.57	5.76	-	2.81
	11/04/02	8.57	6.03	-	2.54
	02/18/03	8.57	3.57	-	5.00
	06/09/03	8.57	4.98	-	3.59
	09/15/03	12.08	6.00	-	6.08
	11/18/03	12.08	2.38	-	9.70
	02/24/04	12.08	3.70	-	8.38
	05/10/04	12.08	5.07	-	7.01
	08/24/04	12.08	5.02	-	7.06
	12/13/04	12.08	4.12	-	7.96
	03/08/05	12.08	4.99	-	7.09
	06/06/05	12.08	4.74	-	7.34
	09/19/05	12.08	5.93	-	6.15
	12/12/05	12.08	4.95	-	7.13
	03/13/06	12.08	3.64	-	8.44
	06/05/06	12.08	4.32	-	7.76
	09/11/06	12.08	5.82	-	6.26
	12/11/06	12.08	3.91	-	8.17

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>12</b>	02/11/02	9.06	3.57	0.04	5.52*
	05/20/02	9.06	6.14	0.04	Casing Damaged
	08/27/02	9.06	3.41	0.01	Casing Damaged
	11/04/02	9.06	3.80	0.01	Casing Damaged
	02/18/03	9.06	0.80	Sheen	Casing Damaged
	06/09/03	9.06	2.99	Sheen	Casing Damaged
	09/15/03	9.79	-	-	Not Located
	11/18/03	9.79	Not accessible - surface water covering well		
	02/24/04	9.79	1.20	0.03	8.61*
	05/10/04	9.79	2.80	-	6.99
	08/24/04	9.79	2.51	Sheen	7.28
	12/13/04	9.79	1.12	-	8.67
	03/08/05	9.79	2.87	-	6.92
	06/06/05	9.79	5.16	-	4.63
	09/19/05	9.79	3.49	0.01	6.31*
	12/12/05	9.79	2.40	-	7.39
	03/13/06	9.79	1.00	-	8.79
	06/05/06	9.79	1.27	-	8.52
	09/11/06	9.79	3.63	-	6.16
	12/11/06	9.79	1.31	-	8.48
	03/26/07	9.79	1.40	-	8.39
	06/18/07	9.79	2.74	-	7.05
	09/24/07	9.79	3.43	-	6.36
	12/10/07	9.79	1.88	Sheen	7.91
	03/03/08	9.79	2.04	Sheen	7.75
	06/02/08	9.79	2.98	-	6.81
	09/04/08	9.79	3.74	-	6.05
	12/04/08	9.79	2.79	Sheen	7.00
	03/04/09	9.79	2.25	Sheen	7.54
	06/01/09	9.79	2.31	Sheen	7.48
	09/21/09	9.79	3.30	Sheen	6.49
	11/16/09	9.79	1.62	Sheen	8.17
	03/08/10	9.79	1.34	Sheen	8.45
	06/07/10	9.79	1.62	Sheen	8.17
	09/09/10	9.79	3.28	Sheen	6.51
	11/15/10	9.79	1.92	--	7.87
	03/01/11	9.79	1.35	Sheen	8.44
	05/23/11	9.79	2.15	Sheen	7.64
	08/29/11	9.79	3.03	0.03	6.78*
	<b>12/01/11</b>	<b>9.79</b>	<b>2.13</b>	--	<b>7.66</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>13</b>	02/11/02	9.77	5.06	-	4.71
	05/20/02	9.77	7.30	-	2.47
	05/20/02	9.77	7.30	-	2.47
	08/27/02	9.77	7.15	-	2.62
	11/04/02			Recently destroyed	
	06/11/03			Abandoned	
<b>14</b>	06/11/03			Abandoned	
<b>15</b>	02/11/02	8.69	3.45	-	Casing Damaged
	05/20/02	8.69	6.12	-	Casing Broken
	08/27/02	8.69	5.94	-	Casing Broken
	11/04/02	8.69	6.25	-	Casing Broken
	02/18/03	8.69	3.71	-	Casing Broken
	06/11/03			Abandoned	

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>16</b>	02/11/02	9.73	4.50	-	5.23
	05/20/02	9.73	7.12	-	2.61
	08/27/02	9.73	7.14	-	2.59
	11/04/02	9.73	7.46	-	2.27
	02/18/03	9.73	5.12	-	4.61
	06/09/03	9.73	6.51	-	3.22
	09/15/03	13.29	7.37	-	5.92
	11/18/03	13.29	5.60	-	7.69
	02/24/04	13.29	5.46	-	7.83
	05/10/04	13.29	6.42	-	6.87
	08/24/04	13.29	6.81	-	6.48
	12/13/04	13.29	5.94	-	7.35
	03/08/05	13.29	6.51	-	6.78
	06/06/05	13.29	6.24	-	7.05
	09/19/05	13.29	7.30	-	5.99
	12/12/05	13.29	6.46	-	6.83
	03/13/06	13.29	5.20	-	8.09
	06/05/06	13.29	5.76	-	7.53
	09/11/06	13.29	7.21	-	6.08
	12/11/06	13.29	4.88	-	8.41
<b>17</b>	02/11/02	11.48	6.39	-	5.09
	05/20/02	11.48	8.61	-	2.87
	08/27/02	11.48	8.68	-	2.80
	11/04/02	11.48	9.06	-	2.42
	02/18/03	11.48	6.92	-	4.56
	06/09/03	11.48	7.95	-	3.53
	09/15/03	15.06	8.89	-	6.17
	11/18/03	15.06	8.51	-	6.55
	02/24/04	15.06	6.45	-	8.61
	05/10/04	15.06	7.90	-	7.16
	08/24/04	15.06	8.45	-	6.61
	12/13/04	15.06	7.83	-	7.23
	03/08/05	15.06	7.81	-	7.25
	06/06/05	15.06	7.73	-	7.33
	09/19/05	15.06	8.75	-	6.31
	12/12/05	15.06	8.03	-	7.03
	03/13/06	15.06	6.57	-	8.49
	06/05/06	15.06	6.22	-	8.84
	09/11/06	15.06	8.68	-	6.38
	12/11/06	15.06	6.53	-	8.53

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>19</b>	02/11/02	9.13	3.75	-	5.38
	05/20/02	9.13	6.10	-	3.03
	08/27/02	9.13	6.28	-	2.85
	11/04/02	9.13	6.66	-	2.47
	02/18/03	9.13	4.33	-	4.80
	06/09/03	9.13	5.41	-	3.72
	09/15/03	12.74	6.51	-	6.23
	11/18/03	12.74	3.67	-	9.07
	02/24/04	12.74	4.25	-	8.49
	05/10/04	12.74	5.48	-	7.26
	08/24/04	12.74	5.87	-	6.87
	12/13/04	12.74	5.15	-	7.59
	03/08/05	12.74	5.45	-	7.29
	06/06/05	12.74	5.24	-	7.50
	09/19/05	12.74	6.36	-	6.38
	12/12/05	12.74	5.60	-	7.14
	03/13/06	12.74	4.02	-	8.72
	06/05/06	12.74	4.89	-	7.85
	09/11/06	12.74	6.31	-	6.43
	12/11/06	12.74	3.78	-	8.96
<b>20</b>	02/11/02	8.88	3.15	-	5.73
	05/20/02	8.88	5.67	-	3.21
	08/27/02	8.88	5.91	-	2.97
	11/04/02	8.88	6.32	-	2.56
	02/18/03	8.88	3.77	-	5.11
	06/09/03	8.88	5.04	-	3.84
	09/15/03	12.49	6.16	-	6.33
	11/18/03	12.49	5.10	-	7.39
	02/24/04	12.49	3.81	-	8.68
	05/10/04	12.49	5.12	-	7.37
	08/24/04	12.49	5.45	-	7.04
	12/13/04	12.49	4.64	-	7.85
	03/08/05	12.49	5.11	-	7.38
	06/06/05	12.49	4.90	-	7.59
	09/19/05	12.49	6.08	-	6.41
	12/12/05	12.49	5.32	-	7.17
	03/13/06	12.49	3.64	-	8.85
	06/05/06	12.49	4.44	-	8.05
	09/11/06	12.49	5.98	-	6.51
	12/11/06	12.49	3.47	-	9.02

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>21</b>	02/11/02	9.42	3.58	-	5.84
	05/20/02	9.42	6.18	-	3.24
	08/27/02	9.42	6.43	-	2.99
	11/04/02	9.42	6.81	-	2.61
	02/18/03	9.42	4.18	-	5.24
	06/09/03	9.42	5.56	-	3.86
	09/15/03	13.04	6.68	-	6.36
	11/18/03	13.04	5.03	-	8.01
	02/24/04	13.04	4.30	-	8.74
	05/10/04	13.04	6.56	-	6.48
	08/24/04	13.04	6.04	-	7.00
	12/13/04	13.04	5.02	-	8.02
	03/08/05	13.04	5.62	-	7.42
	06/06/05	13.04	5.43	-	7.61
	09/19/05	13.04	6.63	-	6.41
	12/12/05	13.04	5.70	-	7.34
	03/13/06	13.04	4.19	-	8.85
	06/05/06	13.04	4.96	-	8.08
	09/11/06	13.04	6.50	-	6.54
	12/11/06	13.04	3.99	-	9.05
<b>22</b>	02/11/02	9.57	3.72	-	5.85
	05/20/02	9.57	6.21	-	3.36
	08/27/02	9.57	6.55	-	3.02
	11/04/02	9.57	6.89	-	2.68
	02/18/03	9.57	4.27	-	5.30
	06/09/03	9.57	5.60	-	3.97
	09/15/03	13.19	6.75	-	6.44
	11/18/03	13.19	5.07	-	8.12
	02/24/04	13.19	4.39	-	8.80
	05/10/04	13.19	5.75	-	7.44
	08/24/04	13.19	6.23	-	6.96
	12/13/04	13.19	5.04	-	8.15
	03/08/05	13.19	5.77	-	7.42
	06/06/05	13.19	5.55	-	7.64
	09/19/05	13.19	6.75	-	6.44
	12/12/05	13.19	5.80	-	7.39
	03/13/06	13.19	4.35	-	8.84
	06/05/06	13.19	5.04	-	8.15
	09/11/06	13.19	6.66	-	6.53
	12/11/06	13.19	4.11	-	9.08

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>23</b>	02/11/02	8.94	3.51	-	5.43
	05/20/02	8.94	5.93	-	3.01
	08/27/02	8.94	5.93	-	3.01
	11/04/02	8.94	6.29	-	2.65
	02/18/03	8.94	4.04	-	4.90
	06/09/03	8.94	5.26	-	3.68
	09/15/03	12.55	6.19	-	6.36
	11/18/03	12.55	6.11	-	6.44
	02/24/04	12.55	4.20	-	8.35
	05/10/04	12.55	5.35	-	7.20
	08/24/04	12.55	5.78	-	6.77
	12/13/04	12.55	4.73	-	7.82
	03/08/05	12.55	5.37	-	7.18
	06/06/05	12.55	5.16	-	7.39
	09/19/05	12.55	6.46	-	6.09
	12/12/05	12.55	5.40	-	7.15
	03/13/06	12.55	4.03	-	8.52
	06/05/06	12.55	4.79	-	7.76
	09/11/06	12.55	6.13	-	6.42
	12/11/06	12.55	4.01	-	8.54
<b>24</b>	06/11/03			Abandoned	
<b>25</b>	02/11/02	9.48	3.76	-	5.72
	05/20/02	9.48	6.19	-	3.29
	08/27/02	9.48	6.33	-	3.15
	11/04/02	9.48	6.74	-	Casing Tilted
	02/18/03	9.48	4.13	-	Casing Tilted
	06/11/03			Abandoned	

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>26</b>	02/11/02	9.43	3.70	-	5.73
	05/20/02	9.43	DRY	-	-
	08/27/02	9.43	6.02	-	3.41
	11/04/02	9.43	5.97	-	3.46
	02/18/03	9.43	5.11	-	4.32
	06/09/03	9.43	6.02	-	3.41
	09/15/03	13.87	6.01	-	7.86
	11/18/03	13.87	4.32	-	9.55
	02/24/04	13.87	5.14	-	8.73
	05/10/04	13.87	6.05	-	7.82
	08/24/04	13.87	5.19	-	8.68
	12/13/04	13.87	5.99	-	7.88
	03/08/05	13.87	6.02	-	7.85
	06/06/05	13.87	6.02	-	7.85
	09/19/05	13.87	4.51	-	9.36
	12/12/05	13.87	6.05	-	7.82
	03/13/06	13.87	5.00	-	8.87
	06/05/06	13.87	5.78	-	8.09
	09/11/06	13.87	7.01	-	6.86
	12/11/06	13.87	4.81	-	9.06
<b>27</b>	02/11/02	9.20	3.57	-	5.63
	05/20/02	9.20	6.00	-	3.20
	08/27/02	9.20	6.21	-	2.99
	11/04/02	9.20	6.63	-	2.57
	02/18/03	9.20	4.03	-	5.17
	06/09/03	9.01	5.22	-	3.79
	09/15/03	12.65	6.36	-	6.29
	11/18/03	12.65	5.84	-	6.81
	02/24/04	12.65	4.04	-	8.61
	05/10/04	12.65	5.31	-	7.34
	08/24/04	12.65	5.71	-	6.94
	12/13/04	12.65	4.91	-	7.74
	03/08/05	12.65	5.28	-	7.37
	06/06/05	12.65	5.13	-	7.52
	09/19/05	12.65	6.22	-	6.43
	12/12/05	12.65	5.40	-	7.25
	03/13/06	12.65	3.82	-	8.83
	06/05/06	12.65	4.66	-	7.99
	09/11/06	12.65	6.16	-	6.49
	12/11/06	12.65	3.60	-	9.05

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-1</b>	02/11/02	9.37	4.60	-	4.77
	05/20/02	9.37	6.75	-	2.62
	08/27/02	9.37	6.51	-	2.86
	11/04/02	9.37	6.90	-	2.47
	02/18/03	9.37	5.10	-	4.27
	06/09/03	9.37	5.94	-	3.43
	09/15/03	13.21	6.72	-	6.49
	11/18/03	13.21	5.91	-	7.30
	02/24/04	13.21	5.05	-	8.16
	05/10/04	13.21	6.06	-	7.15
	08/24/04	13.21	6.45	-	6.76
	12/13/04	13.21	5.63	-	7.58
	03/08/05	13.21	6.09	-	7.12
	06/06/05	13.21	6.93	-	6.28
	09/19/05	13.21	6.74	-	6.47
	12/12/05	13.21	6.16	-	7.05
	03/13/06	13.21	4.96	-	8.25
	06/05/06	13.21	5.72	-	7.49
	09/11/06	13.21	6.72	-	6.49
	12/11/06	13.21	5.20	-	8.01
	03/26/07	13.21	5.24	-	7.97
	06/18/07	13.21	5.98	-	7.23
	09/25/07	13.21	6.72	-	6.49
	12/10/07	13.21	5.34	-	7.87
	03/03/08	13.21	5.70	-	7.51
	06/02/08	13.21	6.30	-	6.91
	09/04/08	13.21	6.48	-	6.73
	12/04/08	13.21	6.33	-	6.88
	03/04/09	13.21	NM	-	Inaccessible
	06/01/09	13.21	6.00	-	7.21
	09/21/09	13.21	6.75	-	6.46
	11/16/09	13.21	5.62	-	7.59
	03/08/10	13.21	5.05	-	8.16
	06/07/10	13.21	5.48	-	7.73
	09/09/10	13.21	6.55	-	6.66
	11/15/10	13.21	5.71	-	7.50
	03/01/11	13.21	4.97	-	8.24
	05/23/11	13.21	5.04	-	8.17
	08/29/11	13.21	6.35	-	6.86
	<b>12/01/11</b>	<b>13.21</b>	<b>5.80</b>	-	<b>7.41</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-2</b>	02/11/02	11.33	6.13	-	5.20
	05/20/02	11.33	8.40	-	2.93
	08/27/02	11.33	8.50	-	2.83
	11/04/02	11.33	8.85	-	2.48
	02/18/03	11.33	6.10	-	5.23
	06/09/03	11.33	7.68	-	3.65
	09/15/03	15.22	8.71	-	6.51
	11/18/03	15.22	7.60	-	7.62
	02/24/04	15.22	6.56	-	8.66
	05/10/04	15.22	7.78	-	7.44
	08/24/04	15.22	8.33	-	6.89
	12/13/04	15.22	7.69	-	7.53
	03/08/05	15.22	7.72	-	7.50
	06/06/05	15.22	7.61	-	7.61
	09/19/05	15.22	8.58	-	6.64
	12/12/05	15.22	7.86	-	7.36
	03/13/06	15.22	6.38	-	8.84
	06/05/06	15.22	7.39	-	7.83
	09/11/06	15.22	8.50	-	6.72
	12/11/06	15.22	6.37	-	8.85
	03/26/07	15.22	6.71	-	8.51
	06/18/07	15.22	7.68	-	7.54
	09/24/07	15.22	8.84	-	6.38
	12/10/07	15.22	6.85	-	8.37
	03/03/08	15.22	7.14	-	8.08
	06/02/08	15.22	7.91	-	7.31
	09/04/08	15.22	8.33	-	6.89
	12/04/08	15.22	8.01	-	7.21
	03/04/09	15.22	7.43	-	7.79
	06/01/09	15.22	7.54	-	7.68
	09/21/09	15.22	8.52	-	6.70
	11/16/09	15.22	7.28	-	7.94
	03/08/10	15.22	6.42	-	8.80
	06/07/10	15.22	7.00	-	8.22
	09/09/10	15.22	8.26	-	6.96
	11/15/10	15.22	7.21	-	8.01
	03/01/11	15.22	6.26	-	8.96
	05/23/11	15.22	6.39	-	8.83
	08/29/11	15.22	8.01	-	7.21
	<b>12/01/11</b>	<b>15.22</b>	<b>7.56</b>	-	<b>7.66</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-3</b>	02/11/02	7.49	1.82	-	5.67
	05/20/02	7.49	4.27	-	3.22
	08/27/02	7.49	4.50	-	2.99
	11/04/02	7.49	4.92	-	2.57
	02/18/03	7.49	2.38	-	5.11
	06/09/03	7.49	3.67	-	3.82
	09/15/03	11.39	4.81	-	6.58
	11/18/03	11.39	2.97	-	8.42
	02/24/04	11.39	2.45	-	8.94
	05/10/04	11.39	3.64	-	7.75
	08/24/04	11.39	4.14	-	7.25
	12/13/04	11.39	3.22	-	8.17
	03/08/05	11.39	3.70	-	7.69
	06/06/05	11.39	3.51	-	7.88
	09/19/05	11.39	4.65	-	6.74
	12/12/05	11.39	3.81	-	7.58
	03/13/06	11.39	2.43	-	8.96
	06/05/06	11.39	3.05	-	8.34
	09/11/06	11.39	4.58	-	6.81
	12/11/06	11.39	2.00	-	9.39
	03/26/07	11.39	2.46	-	8.93
	06/18/07	11.39	3.81	-	7.58
	09/24/07	11.39	4.58	-	6.81
	12/10/07	11.39	2.53	-	8.86
	03/03/08	11.39	3.10	-	8.29
	06/02/08	11.39	3.88	-	7.51
	09/04/08	11.39	4.27	-	7.12
	12/04/08	11.39	3.99	-	7.40
	03/04/09	11.39	3.28	-	8.11
	06/01/09	11.39	3.48	-	7.91
	09/21/09	11.39	4.51	-	6.88
	11/16/09	11.39	2.97	-	8.42
	03/08/10	11.39	2.32	-	9.07
	06/07/10	11.39	2.86	-	8.53
	09/09/10	11.39	4.23	-	7.16
	11/15/10	11.39	2.99	-	8.40
	03/01/11	11.39	1.86	-	9.53
	05/23/11	11.39	2.03	-	9.36
	08/29/11	11.39	4.02	-	7.37
	<b>12/01/11</b>	<b>11.39</b>	<b>3.27</b>	<b>-</b>	<b>8.12</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-4</b>	02/11/02	10.44	5.24	-	5.20
	05/20/02	10.44	7.60	-	2.84
	08/27/02	10.44	7.40	-	3.04
	11/04/02	10.44	7.90	0.15	2.66*
	02/18/03	10.44	5.79	-	4.65
	06/09/03	10.44	6.81	-	3.63
	09/15/03	14.69	7.70	0.01	7.00*
	11/18/03	14.69	6.71	Sheen	7.98
	02/24/04	14.69	5.82	Sheen	8.87
	05/10/04	14.69	6.93	Sheen	7.76
	08/24/04	14.69	7.24	-	7.45
	12/13/04	14.69	6.45	Sheen	8.24
	03/08/05	14.69	6.94	-	7.75
	06/06/05	14.69	6.71	-	7.98
	09/19/05	14.69	7.67	-	7.02
	12/12/05	14.69	6.97	-	7.72
	03/13/06	14.69	5.77	-	8.92
	06/05/06	14.69	6.42	-	8.27
	09/11/06	14.69	7.61	-	7.08
	12/11/06	14.69	5.81	-	8.88
	03/26/07	14.69	5.96	-	8.73
	06/18/07	14.69	6.99	-	7.70
	09/25/07	14.69	7.46	-	7.23
	12/10/07	14.69	5.93	-	8.76
	03/03/08	14.69	6.44	-	8.25
	06/02/08	14.69	7.37	-	7.32
	09/04/08	14.69	7.20	-	7.49
	12/04/08	14.69	7.77	-	6.92
	03/04/09	14.69	6.68	-	8.01
	06/01/09	14.69	6.78	-	7.91
	09/21/09	14.69	7.56	-	7.13
	11/16/09	14.69	6.34	-	8.35
	03/08/10	14.69	5.86	-	8.83
	06/07/10	14.69	6.27	-	8.42
	09/09/10	14.69	7.40	-	7.29
	11/15/10	14.69	6.39	-	8.30
	03/01/11	14.69	5.70	-	8.99
	05/23/11	14.69	5.74	-	8.95
	08/29/11	14.69	7.25	-	7.44
	<b>12/01/11</b>	<b>14.69</b>	<b>6.52</b>	-	<b>8.17</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-5</b>	02/11/02	7.10	1.50	-	5.60
	05/20/02	7.10	4.06	-	3.04
	08/27/02	7.10	4.23	-	2.87
	11/04/02	7.10	4.63	-	2.47
	02/18/03	7.10	1.98	-	5.12
	06/09/03	7.10	3.47	-	3.63
	09/15/03	11.13	4.49	-	6.64
	11/18/03	11.13	2.81	-	8.32
	02/24/04	11.13	2.11	-	9.02
	05/10/04	11.13	3.50	-	7.63
	08/24/04	11.13	3.71	-	7.42
	12/13/04	11.13	2.75	-	8.38
	03/08/05	11.13	3.53	-	7.60
	06/06/05	11.13	3.22	-	7.91
	09/19/05	11.13	4.33	-	6.80
	12/12/05	11.13	3.43	-	7.70
	03/13/06	11.13	2.10	-	9.03
	06/05/06	11.13	2.59	-	8.54
	09/11/06	11.13	4.33	-	6.80
	12/11/06	11.13	1.70	-	9.43
	03/26/07	11.13	2.22	-	8.91
	06/18/07	11.13	No Access to well due to construction activities.		
	09/24/07	11.13	4.28	-	6.85
	12/10/07	11.13	2.06	-	9.07
	03/03/08	11.13	2.81	-	8.32
	06/02/08	11.13	3.36	-	7.77
	09/04/08	11.13	3.91	-	7.22
	12/04/08	11.13	3.64	-	7.49
	03/04/09	11.13	2.98	-	8.15
	06/01/09	11.13	3.21	-	7.92
	09/21/09	11.13	4.23	-	6.90
	11/16/09	11.13	2.50	-	8.63
	03/08/10	11.13	2.11	-	9.02
	06/07/10	11.13	2.55	-	8.58
	09/09/10	11.13	3.93	-	7.20
	11/15/10	11.13	2.55	-	8.58
	03/01/11	11.13	1.63	-	9.50
	05/23/11	11.13	2.00	-	9.13
	08/29/11	11.13	3.82	-	7.31
	<b>12/01/11</b>	<b>11.13</b>	<b>2.80</b>	-	<b>8.33</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-6</b>	02/11/02	11.15	6.35	-	4.80
	05/20/02	11.15	8.48	-	2.67
	08/27/02	11.15	8.45	-	2.70
	11/04/02	11.15	8.80	-	2.35
	02/18/03	11.15	6.85	-	4.30
	06/09/03	11.15	7.74	-	3.41
	09/15/03	15.17	8.65	-	6.52
	11/18/03	15.17	7.60	-	7.57
	02/24/04	15.17	6.61	-	8.56
	05/10/04	15.17	7.76	-	7.41
	08/24/04	15.17	8.28	-	6.89
	12/13/04	15.17	7.67	-	7.50
	03/08/05	15.17	7.70	-	7.47
	06/06/05	15.17	7.55	-	7.62
	09/19/05	15.17	8.48	-	6.69
	12/12/05	15.17	7.89	-	7.28
	03/13/06	15.17	6.46	-	8.71
	06/05/06	15.17	7.25	-	7.92
	09/11/06	15.17	8.43	-	6.74
	12/11/06	15.17	6.50	-	8.67
	03/26/07	15.17	6.61	-	8.56
	06/18/07	15.17	7.76	-	7.41
	09/24/07	15.17	8.43	-	6.74
	12/10/07	15.17	6.93	-	8.24
	03/03/08	15.17	7.09	-	8.08
	06/02/08	15.17	7.88	-	7.29
	09/04/08	15.17	8.19	-	6.98
	12/04/08	15.17	7.95	-	7.22
	03/04/09	15.17	7.41	-	7.76
	06/01/09	15.17	7.54	-	7.63
	09/21/09	15.17	8.42	-	6.75
	11/16/09	15.17	7.30	-	7.87
	03/08/10	15.17	6.45	-	8.72
	06/07/10	15.17	7.09	-	8.08
	09/09/10	15.17	8.10	-	7.07
	11/15/10	15.17	7.21	-	7.96
	03/01/11	15.17	6.24	-	8.93
	05/23/11	15.17	6.42	-	8.75
	08/29/11	15.17	7.92	-	7.25
	<b>12/01/11</b>	<b>15.17</b>	<b>7.45</b>	-	<b>7.72</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-7</b>	02/11/02	6.78	1.49	-	5.29
	05/20/02	6.78	3.91	-	2.87
	08/27/02	6.78	4.03	-	2.75
	11/04/02	6.78	4.44	-	2.34
	02/18/03	6.78	1.82	Sheen	4.96
	06/09/03	6.78	3.29	-	3.49
	09/15/03	10.62	4.30	-	6.32
	11/18/03	10.62	2.83	-	7.79
	02/24/04	10.62	2.16	-	8.46
	05/10/04	10.62	3.32	-	7.30
	08/24/04	10.62	3.31	-	7.31
	12/13/04	10.62	2.27	-	8.35
	03/08/05	10.62	3.23	-	7.39
	06/06/05	10.62	3.03	-	7.59
	09/19/05	10.62	4.16	Sheen	6.46
	12/12/05	10.62	3.17	-	7.45
	03/13/06	10.62	1.88	-	8.74
	06/05/06	10.62	2.34	-	8.28
	09/11/06	10.62	4.10	-	6.52
	12/11/06	10.62	1.72	-	8.90
	03/26/07	10.62	2.00	-	8.62
	06/18/07	10.62	3.34	-	7.28
	09/24/07	10.62	4.00	-	6.62
	12/10/07	10.62	1.12	Sheen	9.50
	03/03/08	10.62	2.49	Sheen	8.13
	06/02/08	10.62	3.41	Sheen	7.21
	09/04/08	10.62	3.60	-	7.02
	12/04/08	10.62	3.36	--	7.26
	03/04/09	10.62	2.90	--	7.72
	06/01/09	10.62	3.08	Sheen	7.54
	09/21/09	10.62	1.91	--	8.71
	11/16/09	10.62	2.54	Sheen	8.08
	03/08/10	10.62	2.31	--	8.31
	06/07/10	10.62	2.67	--	7.95
	09/09/10	10.62	3.79	--	6.83
	11/15/10	10.62	2.58	--	8.04
	03/01/11	10.62	2.51	--	8.11
	05/23/11	10.62	2.24	--	8.38
	08/29/11	10.62	3.87	--	6.75
	<b>12/01/11</b>	<b>10.62</b>	<b>2.67</b>	--	<b>7.95</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-8</b>	02/11/02	6.42	1.38	-	5.04
	05/20/02	6.42	3.87	0.01	2.56*
	08/27/02	6.42	5.83	-	0.59
	11/04/02	6.42	4.23	-	2.19
	02/18/03	6.42	1.37	-	5.05
	06/09/03	6.42	3.33	-	3.09
	09/15/03	10.63	4.10	-	6.53
	11/18/03	10.63	2.25	-	8.38
	02/24/04	10.63	2.15	-	8.48
	05/10/04	10.63	3.37	-	7.26
	08/24/04	10.63	3.51	-	7.12
	12/13/04	10.63	2.40	-	8.23
	03/08/05	10.63	3.25	-	7.38
	06/06/05	10.63	3.01	-	7.62
	09/19/05	10.63	4.05	-	6.58
	12/12/05	10.63	3.20	-	7.43
	03/13/06	10.63	2.22	-	8.41
	06/05/06	10.63	2.59	-	8.04
	09/11/06	10.63	3.96	-	6.67
	12/11/06	10.63	1.81	-	8.82
	03/26/07	10.63	4.01	-	6.62
	06/18/07	10.63	4.55	-	6.08
	09/24/07	10.63	5.05	-	5.58
	12/10/07	10.63	4.18	-	6.45
	03/03/08	10.63	4.25	-	6.38
	06/02/08	10.63	4.65	-	5.98
	09/04/08	10.63	4.69	-	5.94
	12/04/08	10.63		NM - Inaccessible	
	03/04/09	10.63	3.36	-	7.27
	06/01/09	10.63	3.67	-	6.96
	09/21/09	10.63	4.42	-	6.21
	11/16/09	10.63	2.85	-	7.78
	03/08/10	10.63	2.65	-	7.98
	06/07/10	10.63	3.10	-	7.53
	09/09/10	10.63	4.29	-	6.34
	11/15/10	10.63	3.12	-	7.51
	03/01/11	10.63	2.22	-	8.41
	05/23/11	10.63	2.76	-	7.87
	08/29/11	10.63	4.22	-	6.41
	<b>12/01/11</b>	<b>10.63</b>	<b>3.11</b>	-	<b>7.52</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-9</b>	02/11/02	6.14	2.03	0.02	4.13*
	05/20/02	6.14	4.16	0.01	1.99*
	08/27/02	6.14	5.85	0.01	0.30*
	11/04/02	6.14	4.07	0.01	2.08*
	02/18/03	6.14	2.35	0.01	3.80*
	06/09/03	6.14	3.53	-	2.61
	09/15/03	9.75	3.99	Sheen	5.76
	11/18/03	9.75	2.95	Sheen	6.80
	02/24/04	9.75	2.41	Sheen	7.34
	05/10/04	9.75	3.36	-	6.39
	08/24/04	9.75	3.46	-	6.29
	12/13/04	9.75	2.73	-	7.02
	03/08/05	9.75	3.24	-	6.51
	06/06/05	9.75	3.13	-	6.62
	09/19/05	9.75	3.91	-	5.84
	12/12/05	9.75	3.27	-	6.48
	03/13/06	9.75	2.30	-	7.45
	06/05/06	9.75	2.74	-	7.01
	09/11/06	9.75	3.85	-	5.90
	12/11/06	9.75	2.09	-	7.66
	03/26/07	9.75	2.44	-	7.31
	06/18/07	9.75	2.44	-	7.31
	09/24/07	9.75	3.88	-	5.87
	12/10/07	9.75	2.24	Sheen	7.51
	03/03/08	9.75	2.82	Sheen	6.93
	06/02/08	9.75	3.52	-	6.23
	09/04/08	9.75	3.54	-	6.21
	12/04/08	9.75	3.34	-	6.41
	03/04/09	9.75	2.89	-	6.86
	06/01/09	9.75	3.19	-	6.56
	09/21/09	9.75	3.76	Sheen	5.99
	11/16/09	9.75	2.63	-	7.12
	03/08/10	9.75	2.31	Sheen	7.44
	06/07/10	9.75	2.72	Sheen	7.03
	09/09/10	9.75	3.69	Sheen	6.06
	11/15/10	9.75	2.71	Sheen	7.04
	03/01/11	9.75	2.39	Sheen	7.36
	05/23/11	9.75	2.58	Sheen	7.17
	08/29/11	9.75	3.57	--	6.18
	<b>12/01/11</b>	<b>9.75</b>	<b>2.90</b>	--	<b>6.85</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-10D</b>	03/27/01	Destroyed during construction activities in 2000			
<b>MW-11D</b>	02/11/02	6.81	3.75	-	3.06
	05/20/02	6.81	5.27	0.02	1.56*
	08/27/02	6.81	4.70	0.01	2.12*
	11/04/02	6.81	4.93	-	1.88
	02/18/03	6.81	3.59	-	3.22
	06/09/03	6.81	4.55	-	2.26
	09/15/03	10.78	4.91	-	5.87
	11/18/03	10.78	4.28	-	6.50
	02/24/04	10.78	3.71	-	7.07
	05/10/04	10.78	4.35	-	6.43
	08/24/04	10.78	4.13	-	6.65
	12/13/04	10.78	4.26	-	6.52
	03/08/05	10.78	4.58	-	6.20
	06/06/05	10.78	4.43	-	6.35
	09/19/05	10.78	4.89	-	5.89
	12/12/05	10.78	4.64	-	6.14
	03/13/06	10.78	3.84	-	6.94
	06/05/06	10.78	4.31	-	6.47
	09/11/06	10.78	4.91	-	5.87
	12/11/06	10.78	3.63	-	7.15

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-12</b>	02/11/02		Destroyed during construction activities		
<b>MW-12R</b>	02/11/02	11.15	6.12	-	5.03
	05/20/02	11.15	8.36	-	2.79
	08/27/02	11.15	8.19	-	2.96
	11/04/02	11.15	8.56	-	2.59
	02/18/03	11.15	7.85	-	3.30
	06/09/03	11.15	7.67	-	3.48
	09/15/03	15.47	8.45	-	7.02
	11/18/03	15.47	7.87	-	7.60
	02/24/04	15.47	6.98	-	8.49
	05/10/04	15.47	7.79	-	7.68
	08/24/04	15.47	8.11	-	7.36
	12/13/04	15.47	7.54	-	7.93
	03/08/05	15.47	7.93	-	7.54
	06/06/05	15.47	6.41	-	9.06
	09/19/05	15.47	8.41	-	7.06
	12/12/05	15.47	7.92	-	7.55
	03/13/06	15.47	6.85	-	8.62
	06/05/06	15.47	7.43	-	8.04
	09/11/06	15.47	8.39	-	7.08
	12/11/06	15.47	6.95	-	8.52
	03/26/07	15.47	7.02	-	8.45
	06/18/07	15.47	7.84	-	7.63
	09/25/07	15.47	8.38	-	7.09
	12/10/07	15.47	7.02	-	8.45
	03/03/08	15.47	7.11	-	8.36
	06/02/08	15.47	7.98	-	7.49
	09/04/08	15.47	8.13	-	7.34
	12/04/08	15.47	7.98	-	7.49
	03/04/09	15.47	7.54	-	7.93
	06/01/09	15.47	7.71	-	7.76
	09/21/09	15.47	8.39	-	7.08
	11/16/09	15.47	7.40	-	8.07
	03/08/10	15.47	6.86	-	8.61
	06/07/10	15.47	7.23	-	8.24
	09/09/10	15.47	8.22	-	7.25
	11/15/10	15.47	7.40	-	8.07
	03/01/11	15.47	6.76	-	8.71
	05/23/11	15.47	6.87	-	8.60
	08/29/11	15.47	8.07	-	7.40
	<b>12/01/11</b>	<b>15.47</b>	<b>7.51</b>	<b>-</b>	<b>7.96</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-13</b>	02/11/02		Destroyed during construction activities		
<b>MW-13R</b>	02/11/02	10.99	5.95	-	5.04
	05/20/02	10.99	8.08	-	2.91
	08/27/02	10.99	7.93	-	3.06
	11/04/02	10.99	8.30	-	2.69
	02/18/03	10.99	6.55	-	4.44
	06/09/03	10.99	7.37	-	3.62
	09/15/03	15.15	8.19	-	6.96
	11/18/03	15.15	7.56	-	7.59
	02/24/04	15.15	6.50	-	8.65
	05/10/04	15.15	7.45	-	7.70
	08/24/04	15.15	8.13	-	7.02
	12/13/04	15.15	7.10	-	8.05
	03/08/05	15.15	7.62	-	7.53
	06/06/05	15.15	7.37	-	7.78
	09/19/05	15.15	8.22	-	6.93
	12/12/05	15.15	7.61	-	7.54
	03/13/06	15.15	6.50	-	8.65
	06/05/06	15.15	7.03	-	8.12
	09/11/06	15.15	8.13	-	7.02
	12/11/06	15.15	6.60	-	8.55
	03/26/07	15.15	6.60	-	8.55
	06/18/07	15.15	7.53	-	7.62
	09/25/07	15.15	8.10	-	7.05
	12/10/07	15.15	6.74	-	8.41
	03/03/08	15.15	7.45	-	7.70
	06/02/08	15.15	7.70	-	7.45
	09/04/08	15.15	7.86	-	7.29
	12/04/08	15.15	7.72	-	7.43
	03/04/09	15.15	7.30	-	7.85
	06/01/09	15.15	7.43	-	7.72
	09/21/09	15.15	8.12	-	7.03
	11/16/09	15.15	7.07	-	8.08
	03/08/10	15.15	6.57	-	8.58
	06/07/10	15.15	6.95	-	8.20
	09/09/10	15.15	7.94	-	7.21
	11/15/10	15.15	7.12	-	8.03
	03/01/11	15.15	6.42	-	8.73
	05/23/11	15.15	6.52	-	8.63
	08/29/11	15.15	7.79	-	7.36
	<b>12/01/11</b>	<b>15.15</b>	<b>7.21</b>	<b>-</b>	<b>7.94</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-14</b>	02/11/02	7.55	1.65	-	5.90
	05/20/02	7.55	4.46	-	3.09
	08/27/02	7.55	4.58	-	2.97
	11/04/02	7.55	5.95	-	1.60
	02/18/03	7.55	2.60	-	4.95
	06/09/03	7.55	3.86	-	3.69
	09/15/03	11.44	5.11	-	6.33
	11/18/03	11.44	3.30	-	8.14
	02/24/04	11.44	2.55	-	8.89
	05/10/04	11.44	3.92	-	7.52
	08/24/04	11.44	4.23	-	7.21
	12/13/04	11.44	3.28	-	8.16
	03/08/05	11.44	3.71	-	7.73
	06/06/05	11.44	3.37	-	8.07
	09/19/05	11.44	4.79	-	6.65
	12/12/05	11.44	3.72	-	7.72
	03/13/06	11.44	2.40	-	9.04
	06/05/06	11.44	3.07	-	8.37
	09/11/06	11.44	4.90	-	6.54
	12/11/06	11.44	2.02	-	9.42
	03/26/07	11.44	2.61	-	8.83
	06/18/07	11.44	3.91	-	7.53
	09/24/07	11.44	4.64	-	6.80
	12/10/07	11.44	2.44	-	9.00
	03/03/08	11.44	3.19	-	8.25
	06/02/08	11.44	3.82	-	7.62
	09/04/08	11.44	4.22	-	7.22
	12/04/08	11.44	4.04	-	7.40
	03/04/09	11.44	3.37	-	8.07
	06/01/09	11.44	3.61	-	7.83
	09/21/09	11.44	4.59	-	6.85
	11/16/09	11.44	2.82	-	8.62
	03/08/10	11.44	2.48	-	8.96
	06/07/10	11.44	2.99	-	8.45
	09/09/10	11.44	4.33	-	7.11
	11/15/10	11.44	3.01	-	8.43
	03/01/11	11.44	2.03	-	9.41
	05/23/11	11.44	2.36	-	9.08
	08/29/11	11.44	4.20	-	7.24
	<b>12/01/11</b>	<b>11.44</b>	<b>3.17</b>	<b>-</b>	<b>8.27</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-15</b>	02/11/02	9.03	3.94	-	5.09
	05/20/02	9.03	6.18	-	2.85
	08/27/02	9.03	6.10	-	2.93
	11/04/02	9.03	6.48	-	2.55
	02/18/03	9.03	4.50	-	4.53
	06/09/03	9.03	5.49	-	3.54
	09/15/03	12.86	6.35	-	6.51
	11/18/03	12.86	5.49	-	7.37
	02/24/04	12.86	4.67	-	8.19
	05/10/04	12.86	5.56	Sheen	7.30
	08/24/04	12.86	6.10	-	6.76
	12/13/04	12.86	4.34	-	8.52
	03/08/05	12.86	5.58	-	7.28
	06/06/05	12.86	5.42	-	7.44
	09/19/05	12.86	6.34	-	6.52
	12/12/05	12.86	5.63	-	7.23
	03/13/06	12.86	4.33	-	8.53
	06/05/06	12.86	5.15	-	7.71
	09/11/06	12.86	6.30	-	6.56
	12/11/06	12.86	4.43	-	8.43
	03/26/07	12.86	4.60	-	8.26
	06/18/07	12.86	5.61	-	7.25
	06/02/08	12.86	5.80	-	7.06
	09/04/08	12.86	6.02	-	6.84
	12/04/08	12.86	5.82	-	7.04

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-16</b>	02/11/02	11.19	6.19	-	5.00
	05/20/02	11.19	8.23	-	2.96
	08/27/02	11.19	8.32	-	2.87
	11/04/02	11.19	8.72	-	2.47
	02/18/03	11.19	7.65	-	3.54
	06/09/03	11.19	7.46	-	3.73
	09/15/03	15.23	8.55	-	6.68
	11/18/03	15.23	7.69	-	7.54
	02/24/04	15.23	6.40	-	8.83
	05/10/04	15.23	7.60	-	7.63
	08/24/04	15.23	8.21	-	7.02
	12/13/04	15.23	7.80	-	7.43
	03/08/05	15.23	7.55	-	7.68
	06/06/05	15.23	7.38	-	7.85
	09/19/05	15.23	8.40	-	6.83
	12/12/05	15.23	7.69	-	7.54
	03/13/06	15.23	6.16	-	9.07
	06/05/06	15.23	7.22	-	8.01
	09/11/06	15.23	8.32	-	6.91
	12/11/06	15.23	6.40	-	8.83
	03/26/07	15.23	6.53	-	8.70
	06/18/07	15.23	7.60	-	7.63
	09/24/07	15.23	8.36	-	6.87
	12/10/07	15.23	6.85	-	8.38
	03/03/08	15.23	6.95	-	8.28
	06/02/08	15.23	7.62	-	7.61
	09/04/08	15.23	8.07	-	7.16
	12/04/08	15.23	7.82	-	7.41
	03/04/09	15.23	7.47	-	7.76
	03/04/09	15.23	7.47	-	7.76
	06/01/09	15.23	7.37	-	7.86
	09/21/09	15.23	8.33	-	6.90
	11/16/09	15.23	7.30	-	7.93
	03/08/10	15.23	6.34	-	8.89
	06/07/10	15.23	6.87	-	8.36
	09/09/10	15.23	8.04	-	7.19
	11/15/10	15.23	7.14	-	8.09
	03/01/11	15.23	6.12	-	9.11
	05/23/11	15.23	6.22	-	9.01
	08/29/11	15.23	7.97	-	7.26
	<b>12/01/11</b>	<b>15.23</b>	<b>7.45</b>	<b>-</b>	<b>7.78</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-17</b>	02/11/02	11.43	6.13	-	5.30
	05/20/02	11.43	8.38	-	3.05
	08/27/02	11.43	8.50	-	2.93
	11/04/02	11.43	8.91	-	2.52
	02/18/03	11.43	6.70	-	4.73
	06/09/03	11.43	7.71	-	3.72
	09/15/03	15.38	8.71	-	6.67
	11/18/03	15.38	11.83	-	3.55
	02/24/04	15.38	7.20	-	8.18
	05/10/04	15.38	7.77	-	7.61
	08/24/04	15.38	8.36	-	7.02
	12/13/04	15.38	7.85	-	7.53
	03/08/05	15.38	7.65	-	7.73
	06/06/05	15.38	7.55	-	7.83
	09/19/05	15.38	8.56	-	6.82
	12/12/05	15.38	7.85	-	7.53
	03/13/06	15.38	6.30	-	9.08
	06/05/06	15.38	7.44	-	7.94
	09/11/06	15.38	8.52	-	6.86
	12/11/06	15.38	6.49	-	8.89
	05/23/11	15.38	6.30	-	9.08
	08/29/11	15.38	6.30	-	9.08

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-18</b>	02/11/02	11.29	5.97	-	5.32
	05/20/02	11.29	8.20	-	3.09
	08/27/02	11.29	7.34	-	3.95
	11/04/02	11.29	8.73	-	2.56
	02/18/03	11.29	6.45	-	4.84
	06/09/03	11.29	7.59	-	3.70
	09/15/03	15.49	8.65	-	6.84
	11/18/03	15.49	7.68	-	7.81
	02/24/04	15.49	6.38	-	9.11
	05/10/04	15.49	7.65	-	7.84
	08/24/04	15.49	8.17	-	7.32
	12/13/04	15.49	7.61	-	7.88
	03/08/05	15.49	7.47	-	8.02
	06/06/05	15.49	7.41	-	8.08
	09/19/05	15.49	8.43	-	7.06
	12/12/05	15.49	7.70	-	7.79
	03/13/06	15.49	6.23	-	9.26
	06/05/06	15.49	7.31	-	8.18
	09/11/06	15.49	8.34	-	7.15
	12/11/06	15.49	6.34	-	9.15
	03/26/07	15.49	6.59	-	8.90
	06/18/07	15.49	7.66	-	7.83
	09/24/07	15.49	8.40	-	7.09
	12/10/07	15.49	6.68	-	8.81
	03/03/08	15.49	6.98	-	8.51
	06/02/08	15.49	7.70	-	7.79
	09/04/08	15.49	8.11	-	7.38
	12/04/08	15.49	7.84	-	7.65
	03/04/09	15.49	7.34	-	8.15
	06/01/09	15.49	7.36	-	8.13
	09/21/09	15.49	8.40	-	7.09
	11/16/09	15.49	7.18	-	8.31
	03/08/10	15.49	6.23	-	9.26
	06/07/10	15.49	6.89	-	8.60
	09/09/10	15.49	8.11	-	7.38
	11/15/10	15.49	7.12	-	8.37
	03/01/11	15.49	6.11	-	9.38
	05/23/11	15.49	6.25	-	9.24
	08/29/11	15.49	7.87	-	7.62
	<b>12/01/11</b>	<b>15.49</b>	<b>7.38</b>	-	<b>8.11</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-19</b>	02/11/02	7.16	1.63	-	5.53
	05/20/02	7.16	4.08	Sheen	3.08
	08/27/02	7.16	4.25	-	2.91
	11/04/02	7.16	4.65	-	2.51
	02/18/03	7.16	2.14	-	5.02
	06/09/03	7.16	3.45	-	3.71
	09/15/03	11.39	4.50	-	6.89
	11/18/03	11.39	2.51	-	8.88
	02/24/04	11.39	2.36	-	9.03
	05/10/04	11.39	3.41	-	7.98
	08/24/04	11.39	8.13	-	3.26
	12/13/04	11.39	2.98	-	8.41
	03/08/05	11.39	3.40	-	7.99
	06/06/05	11.39	3.24	-	8.15
	09/19/05	11.39		Inaccessible, under pipe stockpile	
	12/12/05	11.39		Inaccessible, under pipe stockpile	
	03/13/06	11.39		Inaccessible, under pipe stockpile	
	06/05/06	11.39	2.91	-	8.48
	09/11/06	11.39	4.72	-	6.67
	12/11/06	11.39	2.00	-	9.39
	03/26/07	11.39	2.22	-	9.17
	06/18/07	11.39	3.56	-	7.83
	09/24/07	11.39	4.31	-	7.08
	12/10/07	11.39	2.38	-	9.01
	03/03/08	11.39	2.98	-	8.41
	06/02/08	11.39	3.67	-	7.72
	09/04/08	11.39	3.98	-	7.41
	12/04/08	11.39	3.68	-	7.71
	03/04/09	11.39	3.03	-	8.36
	06/01/09	11.39	3.23	-	8.16
	09/21/09	11.39	4.23	-	7.16
	11/16/09	11.39	2.85	-	8.54
	03/08/10	11.39	2.25	-	9.14
	06/07/10	11.39	2.67	-	8.72
	09/09/10	11.39	3.97	-	7.42
	11/15/10	11.39	2.75	-	8.64
	03/01/11	11.39	1.82	-	9.57
	05/23/11	11.39	2.02	-	9.37
	08/29/11	11.39	3.77	-	7.62
	<b>12/01/11</b>	<b>11.39</b>	<b>3.03</b>	<b>-</b>	<b>8.36</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-20</b>	02/11/02	7.37	1.73	-	5.64
	05/20/02	7.37	4.25	-	3.12
	08/27/02	7.37	4.31	-	3.06
	11/04/02	7.37	4.04	-	3.33
	02/18/03	7.37	Overflowed when well cap removed		
	06/09/03	7.37	Overflowed when well cap removed		
	09/15/03	11.72	Overflowed when well cap removed		
	11/18/03	11.72	Overflowed when well cap removed		
	02/24/04	11.72	Overflowed when well cap removed		
	05/10/04	11.72	Overflowed when well cap removed		
	08/24/04	11.72	4.04	-	7.68
	12/13/04	11.72	2.29	-	9.43
	03/08/05	11.72	3.64	-	8.08
	06/06/05	11.72	3.43	-	8.29
	09/19/05	11.72	4.55	-	7.17
	12/12/05	11.72	3.67	-	8.05
	03/13/06	11.72	2.21	-	9.51
	06/05/06	11.72	3.00	-	8.72
	09/11/06	11.72	4.49	-	7.23
	12/11/06	11.72	2.36	-	9.36
	03/26/07	11.72	2.49	-	9.23
	06/18/07	11.72	4.44	-	7.28
	09/24/07	11.72	4.61	-	7.11
	12/10/07	11.72	2.56	-	9.16
	03/03/08	11.72	2.97	-	8.75
	06/02/08	11.72	3.90	-	7.82
	09/04/08	11.72	4.14	-	7.58
	12/04/08	11.72	3.89	-	7.83
	03/04/09	11.72	4.99	-	6.73
	06/01/09	11.72	3.46	-	8.26
	09/21/09	11.72	4.42	-	7.30
	11/16/09	11.72	2.91	-	8.81
	03/08/10	11.72	2.40	-	9.32
	06/07/10	11.72	2.76	-	8.96
	09/09/10	11.72	4.22	-	7.50
	11/15/10	11.72	3.03	-	8.69
	03/01/11	11.72	2.18	-	9.54
	05/23/11	11.72	2.11	-	9.61
	08/29/11	11.72	4.05	-	7.67
	<b>12/01/11</b>	<b>11.72</b>	<b>3.08</b>	-	<b>8.64</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-21</b>	02/11/02	10.53	3.80	0.46	7.10*
	05/20/02	10.53	5.98	0.43	4.89*
	08/27/02	10.53	3.95	0.43	6.92*
	11/04/02	10.53	4.95	0.01	5.59* **
	02/18/03	10.53	3.59	0.01	6.95* **
	06/09/03	10.53	3.53	Sheen	7.00**
	09/15/03	9.41	3.98	0.01	5.44* **
	11/18/03	9.41	3.08	Sheen	6.33**
	02/24/04	9.41	2.47	Sheen	6.94**
	05/10/04	9.41	3.65	Sheen	5.76**
	08/24/04	9.41	3.81	Sheen	5.60**
	12/13/04	9.41	3.24	Sheen	6.17
	03/08/05	9.41	3.72	-	5.69
	06/06/05	9.41	3.58	Sheen	5.83
	09/19/05	9.41	4.19	-	5.22
	12/12/05	9.41	4.04	-	5.37
	03/13/06	9.41	2.48	-	6.93
	06/05/06	9.41	3.27	-	6.14
	09/11/06	9.41	3.90	0.08	5.57
	12/11/06	9.41	2.34	0.04	7.10
	03/26/07	9.41	2.87	-	6.54
	06/18/07	9.41	3.75	-	5.66
	09/24/07	9.41	3.81	Sheen	5.60
	12/10/07	9.41	2.14	-	7.27
	03/03/08	9.41	3.18	-	6.23
	06/02/08	9.41	3.63	Sheen	5.78
	09/04/08	9.41	3.60	-	5.81
	12/04/08	9.41	3.48	Sheen	5.93
	03/04/09	9.41	2.84	Sheen	6.57
	06/01/09	9.41	3.34	-	6.07
	09/21/09	9.41	3.74	Sheen	5.67
	11/16/09	9.41	2.59	-	6.82
	03/08/10	9.41	2.23	-	7.18
	06/07/10	9.41	NM	-	NM
	09/09/10	9.41	3.66	-	5.75
	11/15/10	9.41	2.79	-	6.62
	03/01/11	9.41	2.21	-	7.20
	05/23/11	9.41	2.47	-	6.94
	08/29/11	9.41	3.53	-	5.88
	<b>12/01/11</b>	<b>9.41</b>	<b>2.77</b>	<b>Sheen</b>	<b>6.64</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-22</b>	02/11/02	12.39	7.18	-	5.21
	05/20/02	12.39	9.44	-	2.95
	08/27/02	12.39	9.55	-	2.84
	11/04/02	12.39	9.91	-	2.48
	02/18/03	12.39	7.75	-	4.64
	06/09/03	12.39	8.71	-	3.68
	09/15/03	16.32	9.75	-	6.57
	11/18/03	16.32	8.55	-	7.77
	02/24/04	16.32	7.56	-	8.76
	05/10/04	16.32	8.76	-	7.56
	08/24/04	16.32	9.25	-	7.07
	12/13/04	16.32	8.70	-	7.62
	03/08/05	16.32	8.72	-	7.60
	06/06/05	16.32	8.58	-	7.74
	09/19/05	16.32	9.61	-	6.71
	12/12/05	16.32	8.90	-	7.42
	03/13/06	16.32	4.37	-	11.95
	06/05/06	16.32	8.31	-	8.01
	09/11/06	16.32	9.54	-	6.78
	12/11/06	16.32	7.44	-	8.88
	03/26/07	16.32	7.68	-	8.64
	06/18/07	16.32	8.78	-	7.54
	09/24/07	16.32	9.55	-	6.77
	12/10/07	16.32	7.84	-	8.48
	03/03/08	16.32	8.12	-	8.20
	06/02/08	16.32	8.85	-	7.47
	09/04/08	16.32	9.22	-	7.10
	12/04/08	16.32	9.00	-	7.32
	03/04/09	16.32	8.43	-	7.89
	06/01/09	16.32	8.56	-	7.76
	09/21/09	16.32	9.51	-	6.81
	11/16/09	16.32	8.31	-	8.01
	03/08/10	16.32	7.40	-	8.92
	06/07/10	16.32	8.00	-	8.32
	09/09/10	16.32	9.22	-	7.10
	11/15/10	16.32	8.20	-	8.12
	03/01/11	16.32	7.18	-	9.14
	05/23/11	16.32	7.35	-	8.97
	08/29/11	16.32	9.01	-	7.31
	<b>12/01/11</b>	<b>16.32</b>	<b>8.48</b>	-	<b>7.84</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-23</b>	11/18/03	14.15	7.66	Sheen	6.49
	02/24/04	14.15	7.18	Sheen	6.97
	05/10/04	14.15	7.89	<0.01	6.26
	08/24/04	14.15	8.89	-	5.26
	12/13/04	14.15	7.49	Sheen	6.66
	03/08/05	14.15	7.57	Sheen	6.58
	06/06/05	14.15	7.72	Sheen	6.43
	09/19/05	14.15	8.17	0.17	6.12*
	10/12/05	14.15	8.10	Sheen	6.05
	12/12/05	14.15	7.93	-	6.22
	03/13/06	14.15	7.17	-	6.98
	06/05/06	14.15	7.62	-	6.53
	09/11/06	14.15	8.22	0.02	5.95
	12/11/06	14.15	7.17	-	6.98
	03/26/07	14.15	7.41	-	6.74
	06/18/07	14.15	7.90	-	6.25
	09/25/07	14.15	8.14	Sheen	6.01
	12/10/07	14.15	7.38	Sheen	6.77
	03/03/08	14.15	7.49	Sheen	6.66
	06/02/08	14.15	8.71	Sheen	5.44
	09/04/08	14.15	8.04	-	6.11
	12/04/08	14.15	8.05	-	6.10
	03/04/09	14.15	7.48	-	6.67
	06/01/09	14.15	7.98	-	6.17
	09/21/09	14.15	8.13	-	6.02
	11/16/09	14.15	7.50	Sheen	6.65
	03/08/10	14.15	7.01	--	7.14
	06/07/10	14.15	7.49	Sheen	6.66
	09/09/10	14.15	8.02	Sheen	6.13
	11/15/10	14.15	7.60	--	6.55
	03/01/11	14.15	7.26	Sheen	6.89
	05/23/11	14.15	7.38	Sheen	6.77
	08/29/11	14.15	7.91	Sheen	6.24
	<b>12/01/11</b>	<b>14.15</b>	<b>7.58</b>	--	<b>6.57</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-24</b>	11/18/03	14.34	7.65	Sheen	6.69
	02/24/04	14.34	7.07	Sheen	7.27
	05/10/04	14.34	7.73	0.02	6.63*
	08/24/04	14.34	7.90	0.10	6.52*
	12/13/04	14.34	7.47	Sheen	6.87
	03/08/05	14.34	7.57	Sheen	6.77
	06/06/05	14.34	7.24	0.02	7.10*
	09/19/05	14.34	8.39	0.29	6.18*
	10/12/05	14.34	8.45	0.47	6.27*
	12/12/05	14.34	8.01	0.11	6.42*
	03/13/06	14.34	7.19	-	7.15
	06/05/06	14.34	7.59	-	6.75
	09/11/06	14.34	8.31	0.20	6.19
	12/11/06	14.34	7.37	-	6.97
	03/26/07	14.34	7.42	-	6.92
	06/18/07	14.34	7.89	-	6.45
	09/25/07	14.34	8.00	Sheen	6.34
	12/10/07	14.34	7.42	-	6.92
	03/03/08	14.34	7.51	Sheen	6.83
	06/02/08	14.34	8.92	-	5.42
	09/04/08	14.34	7.99	-	6.35
	12/04/08	14.34	7.96	-	6.38
	03/04/09	14.34	7.51	-	6.83
	06/01/09	14.34	7.87	Sheen	6.47
	09/21/09	14.34	8.09	-	6.25
	11/16/09	14.34	7.46	Sheen	6.88
	03/08/10	14.34	7.03	--	7.31
	06/07/10	14.34	7.51	Sheen	6.83
	09/09/10	14.34	8.01	Sheen	6.33
	11/15/10	14.34	7.61	Sheen	6.73
	03/01/11	14.34	7.26	Sheen	7.08
	05/23/11	14.34	7.37	--	6.97
	08/29/11	14.34	7.92	Sheen	6.42
	<b>12/01/11</b>	<b>14.34</b>	<b>7.73</b>	--	<b>6.61</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-25</b>	11/18/03	13.05	7.50	Sheen	5.55
	02/24/04	13.05	6.48	Sheen	6.57
	05/10/04	13.05	7.61	-	5.44
	08/24/04	13.05	7.11	-	5.94
	12/13/04	13.05	7.49	-	5.56
	03/08/05	13.05	7.61	-	5.44
	06/06/05	13.05	7.47	-	5.58
	09/19/05	13.05	7.93	-	5.12
	12/12/05	13.05	7.71	-	5.34
	03/13/06	13.05	7.02	-	6.03
	06/05/06	13.05	7.38	-	5.67
	09/11/06	13.05	7.88	-	5.17
	12/11/06	13.05	7.03	-	6.02
	06/18/07	13.05	6.77	-	6.28
	03/03/08	13.05	7.28	-	5.77
	06/02/08	13.05	7.71	-	5.34
	09/04/08	13.05	7.33	-	5.72
	12/04/08	13.05	NM	-	NM
	06/01/09	13.05	7.60	-	5.45
	06/07/10	13.05	7.31	-	5.74
	05/23/11	13.05	7.13	-	5.92
<b>E-1</b>	02/11/02	9.04	3.65	-	5.39
	05/20/02	9.04	4.59	-	4.45
	08/27/02	9.04	DRY	-	-
	11/04/02			Dry/Damaged Well	
	06/11/03			Abandoned	
<b>SF-01</b>	12/18/00			Abandoned	

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>SF-01R</b>	02/11/02	10.68	7.11	-	3.57
	05/20/02	10.68	9.07	Sheen	1.61
	08/27/02	10.68	8.44	0.01	2.25*
	11/04/02	10.68	9.63	-	1.05
	02/18/03	10.68	7.72	-	2.96
	06/09/03	10.68	8.30	-	2.38
	09/15/03	14.74	8.60	-	6.14
	11/18/03	14.74	7.45	-	7.29
	02/24/04	14.74	7.76	-	6.98
	05/10/04	14.74	8.11	-	6.63
	08/24/04	14.74	8.49	-	6.25
	12/13/04	14.74	Inaccessible, under construction trailer		
	03/08/05	14.74	8.16	-	6.58
	06/06/05	14.74	8.16	-	6.58
	09/19/05	14.74	Inaccessible, under construction trailer		
	12/12/05	14.74	8.39	-	6.35
	03/13/06	14.74	7.70	-	7.04
	06/05/06	14.74	8.09	-	6.65
	09/11/06	14.74	8.60	-	6.14
	12/11/06	14.74	7.73	-	7.01

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>SH-02</b>	02/11/02		Destroyed during construction activities		
<b>SH-02R</b>	02/11/02	9.35	5.45	-	3.90
	05/20/02	9.35	6.49	-	2.86
	08/27/02	9.35	6.27	-	3.08
	11/04/02	9.35	6.62	-	2.73
	02/18/03	9.35	4.85	-	4.50
	06/09/03	9.35	4.75	-	4.60
	09/15/03	13.40	6.50	-	6.90
	11/18/03	13.40	6.03	-	7.37
	02/24/04	13.40	4.62	-	8.78
	05/10/04	13.40	5.88	-	7.52
	08/24/04	13.40	6.21	-	7.19
	12/13/04	13.40	5.14	-	8.26
	03/08/05	13.40	5.90	-	7.50
	06/06/05	13.40	5.72	-	7.68
	09/19/05	13.40	6.56	-	6.84
	12/12/05	13.40	5.94	-	7.46
	03/13/06	13.40	4.80	-	8.60
	06/05/06	13.40	5.41	-	7.99
	09/11/06	13.40	6.54	-	6.86
	12/11/06	13.40	4.82	-	8.58
	03/26/07	13.40	4.98	-	8.42
	06/18/07	13.40	5.94	-	7.46
	09/25/07	13.40	6.54	-	6.86
	12/10/07	13.40	5.13	-	8.27
	03/03/08	13.40	5.45	-	7.95
	06/02/08	13.40	6.10	-	7.30
	09/04/08	13.40	6.19	-	7.21
	12/04/08	13.40	6.08	-	7.32
	03/04/09	13.40	5.63	-	7.77
	06/01/09	13.40	5.79	-	7.61
	09/21/09	13.40	6.49	-	6.91
	11/16/09	13.40	5.37	-	8.03
	03/08/10	13.40	4.88	-	8.52
	06/07/10	13.40	5.25	-	8.15
	09/09/10	13.40	6.31	-	7.09
	11/15/10	13.40	5.42	-	7.98
	03/01/11	13.40	4.71	-	8.69
	05/23/11	13.40	4.78	-	8.62
	08/29/11	13.40	6.16	-	7.24
	<b>12/01/11</b>	<b>13.40</b>	<b>5.50</b>	<b>-</b>	<b>7.90</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>SH-04</b>	02/11/02	13.45	9.40	-	4.05
	05/20/02	13.45	11.24	-	2.21
	08/27/02	13.45	11.02	-	2.43
	11/04/02	13.45	9.31	-	4.14
	02/18/03	13.45	9.80	-	3.65
	06/09/03	13.45	10.41	-	3.04
	09/15/03	17.41	11.15	-	6.26
	11/18/03	17.41	7.61	-	9.80
	02/24/04	17.41	6.62	-	10.79
	05/10/04	17.41	11.40	-	6.01
	08/24/04	17.41	10.88	-	6.53
	12/13/04	17.41	10.68	-	6.73
	03/08/05	17.41	10.33	-	7.08
	06/06/05	17.41	10.23	-	7.18
	09/19/05	17.41	11.03	-	6.38
	12/12/05	17.41	10.53	-	6.88
	03/13/06	17.41	9.22	-	8.19
	06/05/06	17.41	10.05	-	7.36
	09/11/06	17.41	11.00	-	6.41
	12/11/06	17.41	9.50	-	7.91

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>SH-05R</b>	05/20/02	9.83	8.07	Sheen	1.76
	08/27/02	9.83	7.59	-	2.24
	11/04/02	9.83	7.81	Sheen	2.02
	02/18/03	9.83	7.60	-	2.23
	06/09/03	9.83	7.29	-	2.54
	09/15/03	13.89	7.42	Sheen	6.47
	11/18/03	13.89	7.21	Sheen	6.68
	02/24/04	13.89	6.41	-	7.48
	05/10/04	13.89	7.33	-	6.56
	08/24/04	13.89	7.60	-	6.29
	12/13/04	13.89	7.15	-	6.74
	03/08/05	13.89	7.62	-	6.27
	06/06/05	13.89	7.24	-	6.65
	09/19/05	13.89	7.80	-	6.09
	12/12/05	13.89	7.49	-	6.40
	03/13/06	13.89	6.38	-	7.51
	06/05/06	13.89	7.10	-	6.79
	09/11/06	13.89	7.72	-	6.17
	12/11/06	13.89	6.61	-	7.28
	03/26/07	13.89	6.82	-	7.07
	06/18/07	13.89	7.43	-	6.46
	09/25/07	13.89	7.72	-	6.17
	12/10/07	13.89	6.70	-	7.19
	03/03/08	13.89	7.01	-	6.88
	06/02/08	13.89	7.50	-	6.39
	09/04/08	13.89	7.55	-	6.34
	12/04/08	13.89	7.12	-	6.77
	03/04/09	13.89	7.02	-	6.87
	06/01/09	13.89	7.36	-	6.53
	09/21/09	13.89	7.73	-	6.16
	11/16/09	13.89	6.93	-	6.96
	03/08/10	13.89	6.47	-	7.42
	06/07/10	13.89	6.63	-	7.26
	09/09/10	13.89	7.58	-	6.31
	11/16/10	13.89	7.04	-	6.85
	03/01/11	13.89	6.58	-	7.31
	05/23/11	13.89	6.74	-	7.15
	08/29/11	13.89	7.52	-	6.37
	<b>12/01/11</b>	<b>13.89</b>	<b>7.09</b>	-	<b>6.80</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>MW-07</b>	01/13/97		Destroyed during construction activities		
<b>MW-07R</b>	02/11/02	9.93	4.95	-	4.98
	05/20/02	9.93	7.29	-	2.64
	08/27/02	9.93	7.17	-	2.76
	11/04/02	9.93	7.53	-	2.40
	02/18/03		Inaccessible; covered with asphalt		
	06/09/03		Inaccessible; covered with asphalt		
	06/11/03		Located & cleaned out		
	09/15/03	13.92	8.40	-	5.52
	11/18/03	13.92	8.17	-	5.75
	02/24/04	13.92	5.64	-	8.28
	05/10/04	13.92	6.70	-	7.22
	08/24/04	13.92	6.95	-	6.97
	12/13/04	13.92	6.43	-	7.49
	03/08/05	13.92	6.67	-	7.25
	06/06/05	13.92	6.48	-	7.44
	09/19/05	13.92	7.35	-	6.57
	12/12/05	13.92	6.71	-	7.21
	03/13/06	13.92	5.59	-	8.33
	06/05/06	13.92	7.20	-	6.72
	09/11/06	13.92	7.30	-	6.62
	12/11/06	13.92	5.50	-	8.42
	03/26/07	13.92	5.84	-	8.08
	06/18/07	13.92	6.80	-	7.12
	09/25/07	13.92	7.27	-	6.65
	12/10/07	13.92	5.60	-	8.32
	03/03/08	13.92	6.20	-	7.72
	06/02/08	13.92	6.88	-	7.04
	09/04/08	13.92	6.94	-	6.98
	12/04/08	13.92	7.84	-	6.08
	03/04/09	13.92	6.30	-	7.62
	06/01/09	13.92	6.57	-	7.35
	09/21/09	13.92	7.24	-	6.68
	11/16/09	13.92	6.04	-	7.88
	03/08/10	13.92	5.63	-	8.29
	06/07/10	13.92	6.04	-	7.88
	09/09/10	13.92	7.05	-	6.87
	11/15/10	13.92	6.11	-	7.81
	03/01/11	13.92	5.43	-	8.49
	05/23/11	13.92	5.66	-	8.26
	08/29/11	13.92	6.97	-	6.95
	<b>12/01/11</b>	<b>13.92</b>	<b>6.24</b>	<b>-</b>	<b>7.68</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
Kinder Morgan Liquids Terminals, LLC  
Harbor Island Terminal  
2720 13th Avenue Southwest  
Seattle, Washington

Well Number	Date	Casing Elevation <sup>^</sup>	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
<b>TMW-B1</b>	09/09/10	NM	NM		NM
	05/23/11	NM	7.37		NM
	<b>12/01/11</b>	<b>NM</b>	<b>8.17</b>		<b>NM</b>

**Notes:**

TOC = Top of casing; Depth to groundwater measured from TOC.

NM = Not measured - Separate-phase hydrocarbon recovery unit in well.

Wells MW-10D and MW-11D are deep wells, screened from 30 to 35 feet below grade.

<sup>^</sup> = Prior to September 2003 monitoring event, top of casing elevation relative to N.G.V.D. 1929 TIDAL 2 vertical datum (survey benchmark elev=10.617). All TOC elevations were re-surveyed in July 2003, relative to N.A.V.D. 1988 vertical datum with modified benchmark elevations to account for shifts from February 2001 earthquake.

\* = Groundwater elevation corrected for separate-phase hydrocarbon thickness using the specific gravity of diesel (0.8).

\*\* = Product recovery pump in well.

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-1</b>	02/13/02	<0.25	2.0	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	05/21/02	<0.25	1.9	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	08/28/02	<0.25	1.0	<0.5	0.0013	0.0067	0.00052	0.0016	<0.005*
	11/05/02	<0.25	0.87	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	0.021*
	02/19/03	<0.25	1.9	<0.5	<0.0005	0.00058	<0.0005	<0.0005	<0.005*
	06/10/03	<0.25	1.1	<0.25	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	09/16/03	<0.25	<0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	11/19/03	<0.25	<0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	02/25/04	<0.25	1.3	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	05/11/04	<0.25	0.87	<0.50	<0.0005	0.00068	<0.0005	<0.0005	<0.0050*
	08/25/04	0.83	0.40	<0.50	<0.0005	<0.0005	0.00065	<0.0005	<0.0050*
	12/15/04	<0.25	0.38	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/09/05	<0.25	0.63	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/08/05	<0.25	0.80	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/21/05	<0.25	0.40	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/14/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/14/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/07/06	<0.25	0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0052*
	12/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/20/07	<0.25	0.75	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/05/08	<0.25	0.32	<0.50	<0.0005	<0.0005	<0.0005	0.0013	<0.0050
	06/01/09	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/08/10	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	05/23/11	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-2</b>	02/13/02	<0.25	0.71	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	05/21/02	<0.25	0.66	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	08/29/02	<0.25	0.91	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	11/05/02	<0.25	0.73	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	02/19/03	<0.25	0.74	<0.5	<0.0005	0.00062	<0.0005	<0.0005	0.028*
	06/10/03	<0.25	0.61	<0.25	<0.0005	0.00071	<0.0005	<0.0005	0.026* <sup>a</sup>
	09/16/03	<0.25	<0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.062*
	11/19/03	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.021*
	02/25/04	<0.25	<0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.030*
	05/11/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	08/25/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/14/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/10/05	<0.25	0.29	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/07/05	<0.25	0.91	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.036*
	09/20/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/13/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.024*
	03/15/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/08/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0063*
	09/12/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/12/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/19/07	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/04/08	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/03/09	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/08/10	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.063
	05/23/11	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-3</b>	02/13/02	<0.25	1.8	<0.5	0.011	0.0015	0.0045	0.011	<0.005*
	05/20/02	0.38	1.9	<0.5	0.052	0.0028	0.025	0.020	0.01*
	08/28/02	0.62	2.5	<0.5	0.11	0.0071	0.021	0.030	<0.005*
	11/06/02	0.63	1.1	<0.5	0.14	0.0053	0.021	0.015	0.006*
	02/19/03	<0.25	1.8	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	0.014*
	06/11/03	<0.25	1.3	<0.25	<0.0005	<0.0005	<0.0005	<0.0005	0.019*
	09/17/03	<0.25	1.4	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.042*
	11/20/03	<0.25	2.4	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0063*
	02/25/04	<0.25	1.2	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.025*
	05/11/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	08/25/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0051*
	12/15/04	<0.25	0.33	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.018*
	03/09/05	<0.25	<0.25	<0.50	0.0010	<0.0005	<0.0005	<0.0005	<0.0050*
	06/08/05	<0.25	<0.25	<0.50	0.0011	<0.0005	<0.0005	<0.0005	<0.0050*
	09/21/05	<0.25	<0.25	<0.50	0.00094	<0.0005	<0.0005	<0.0005	<0.0050*
	12/14/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/14/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/07/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/20/07	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/05/08	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/01/09	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/09/10	<0.25	<0.25	<0.50	<0.0005	<0.0005	0.0011	0.0053	<0.0050
	05/23/11	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-4</b>	02/14/02	0.78	280	<50	0.30	0.0072	0.0023	0.0082	NA
	05/21/02	1.5	8.6	<0.5	0.43	0.023	0.034	0.13	NA
	08/28/02	3.3	30	2.6	1.1	0.016	0.016	0.024	NA
	11/04/02	NS	NS	NS	NS	NS	NS	NS	NA
	02/19/03	3.1	31	<0.5	0.056	0.0017	0.014	0.020	NA
	06/10/03	0.39	12	<0.25	0.031	0.0012	0.0091	0.0096	NA
	09/16/03	NS	NS	NS	NS	NS	NS	NS	NS
	11/19/03	0.25	19	<0.50	0.033	<0.001	0.0042	0.0069	NA
	02/25/04	0.36	15	<0.50	0.035	0.0014	0.0056	0.0094	NA
	05/12/04	0.33	7.4	<0.50	0.012	<0.001	0.0048	0.0058	NA
	08/26/04	<0.50	5.1	<0.50	0.014	<0.0025	0.0039	0.0069	NA
	12/15/04	NS	NS	NS	NS	NS	NS	NS	NA
	03/09/05	<2.0	11	<0.50	<0.01	<0.01	<0.01	0.013	NA
	06/08/05	<1.0	16	1.1	<0.005	<0.005	<0.005	<0.005	<0.0050
	09/21/05	<2.0	19	2.1	<0.010	<0.010	<0.010	<0.010	NA
	12/14/05	<0.50	6.2	0.81	0.012	<0.0025	0.0032	0.0084	NA
	03/14/06	<0.40	3.9	0.69	0.0063	<0.0020	0.0020	0.0062	NA
	06/07/06	<0.50	4.5	<0.50	0.0037	<0.0025	<0.0025	<0.0025	NA
	09/13/06	<0.50	2.7	<0.50	0.0034	<0.0025	<0.0025	0.0029	NA
	12/13/06	<0.25	3.7	0.62	0.0012	<0.0005	<0.0005	0.0023	NA
	06/20/07	<0.25	NA	NA	<0.0010	<0.0010	<0.0010	<0.0010	NA
	06/05/08	<0.25	1.2	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	NA
	06/01/09	<0.25	2.1	0.61	<0.0005	<0.0005	<0.0005	0.00080	NA
	06/08/10	<0.25	0.86	<0.50	<0.0005	0.00057	<0.0005	0.0018	NA
	05/23/11	<0.25	1.6	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	NA

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-5</b>	02/13/02	<0.25	<0.25	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	05/21/02	<0.25	<0.5	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	0.01*
	08/29/02	<0.25	1.2	<0.5	<0.0005	0.0018	<0.0005	0.00063	<0.005*
	11/05/02	<0.25	1.6	<0.5	0.0055	0.0016	<0.0005	0.00056	<0.005*
	02/20/03	<0.25	<0.25	<0.5	<0.0005	0.00066	<0.0005	<0.0005	<0.005*
	06/11/03	<0.25	0.36	<0.25	<0.0005	0.00079	<0.0005	<0.0005	<0.005*
	09/16/03	<0.25	<0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.011*
	11/20/03	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0086*
	02/24/04	<0.25	<0.50	<0.50	<0.0005	0.0014	<0.0005	<0.0005	<0.0050*
	05/11/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	08/26/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/15/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/09/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.11*
	06/08/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/21/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/14/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/14/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.012*
	06/07/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0099*
	09/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.013*
	12/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0088*
	06/20/07	NA	NA	NA	NA	NA	NA	NA	NA
	06/04/08	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0094
	06/02/09	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	0.00078	<0.0050
	06/08/10	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	05/24/11	<0.25	<0.25	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-6</b>	02/13/02	0.97	1.1	<0.5	0.014	0.00070	<0.0005	0.00065	<0.005*
	05/22/02	1.1	2.5	<0.5	0.035	0.0012	0.0024	0.00072	<0.005*
	08/29/02	0.58	6.4	<0.5	0.0014	<0.001	<0.001	<0.001	<0.005*
	11/05/02	0.59	7.3	<0.5	0.064	<0.001	<0.001	0.0016	0.02*
	02/19/03	0.54	1.7	<0.5	0.0062	<0.0005	<0.0005	<0.0005	<0.005*
	06/10/03	0.70	1.9	<0.25	0.025	0.0011	0.00052	0.00051	<0.005*
	09/16/03	0.68	<0.50	<0.50	<0.0005	<0.0005	0.00053	<0.0005	0.019*
	11/19/03	0.44	1.6	<0.50	0.0095	0.00067	<0.0005	0.00051	<0.0050*
	02/25/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	05/11/04	1.0	0.67	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	08/25/04	<0.25	0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/14/04	0.82	0.81	<0.50	0.008	<0.0005	<0.0005	<0.0005	0.011*
	03/10/05	1.0	0.42	<0.50	0.0011	<0.0005	<0.0005	<0.0005	<0.0050*
	06/07/05	0.9	<0.25	<0.50	0.0014	<0.0005	<0.0005	<0.0005	<0.0050*
	09/20/05	0.9	<0.25	<0.50	<0.0005	<0.0005	0.00062	<0.0005	<0.0050*
	12/13/05	1.2	0.38	<0.50	0.0032	<0.0005	0.0005	<0.0005	<0.0050*
	03/15/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/08/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/12/06	0.71	<0.25	<0.50	<0.0005	0.00055	<0.0005	<0.0005	<0.0050*
	12/12/06	<0.25	<0.25	<0.50	<0.0005	0.00055	<0.0005	<0.0005	<0.0050*
	03/27/07	0.81	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/19/07	0.73	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	09/24/07	0.55	NA	NA	<0.0010	<0.0010	<0.0010	<0.0010	NA
	12/11/07	0.54	NA	NA	0.0014	<0.0005	<0.0005	<0.0005	NA
	03/04/08	0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/04/08	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	09/08/08	0.51	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/04/08	0.43	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/04/09	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/02/09	0.25	NA	NA	<0.0005	<0.0005	<0.0005	0.0025	<0.0050
	09/21/09	0.33	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	11/17/09	0.31	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/09/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	0.00095	NA
	06/08/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	09/09/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	11/15/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/02/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/24/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	08/30/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	<b>12/01/11</b>	<b>&lt;0.25</b>	<b>NA</b>	<b>NA</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</b>	<b>&lt;0.0010</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-7</b>	02/14/02	13	7.5	<0.5	0.20	0.24	0.57	1.8	0.035*
	05/21/02	6.6	11	<0.5	0.16	0.089	0.43	0.66	0.04*
	08/29/02	2.9	5.7	<0.5	0.12	0.042	0.24	0.11	0.047*
	11/05/02	0.9	5.9	<0.5	0.021	0.0022	0.004	0.0066	0.041*
	02/20/03	9.7	11	<0.5	0.12	0.13	0.33	1.4	0.11 <sup>a</sup>
	06/11/03	5.7	8.7	<0.25	0.13	0.092	0.26	0.52	0.081 <sup>a</sup>
	09/17/03	1.4	12	<0.50	0.078	0.031	0.15	0.089	0.11 <sup>a</sup>
	11/20/03	0.26	0.8	<0.50	<0.0005	<0.0005	<0.0005	0.035	0.019 <sup>a</sup>
	02/26/04	15	21	<0.50	0.11	0.34	0.63	3.8	0.034 <sup>a</sup>
	05/11/04	6.3	11	<0.50	0.059	0.15	0.31	1.3	0.0083 <sup>a</sup>
	08/26/04	7.1	20	<0.50	0.054	0.22	0.34	1.7	0.067 <sup>a</sup>
	12/15/04	18	4.4	<0.50	0.14	0.37	0.53	3	0.19 <sup>a</sup>
	03/09/05	3.5	2.1	<0.50	0.045	0.034	0.09	0.27	0.079 <sup>a</sup>
	06/08/05	2.9	2.3	<0.50	0.054	0.05	0.11	0.44	0.069 <sup>a</sup>
	09/20/05	NS	NS	NS	NS	NS	NS	NS	NS
	12/14/05	8.8	0.59	<0.50	0.16	0.19	0.31	1.5	0.042 <sup>a</sup>
	03/14/06	15	0.50	<0.50	0.12	0.26	0.50	3.6	0.026*
	06/07/06	17	0.85	<0.50	0.12	0.35	0.69	4.5	0.023*
	09/13/06	2.4	0.32	<0.50	0.05	0.06	0.19	0.39	0.021 <sup>a</sup>
	12/13/06	NS	NS	NS	NS	NS	NS	NS	NS
	03/27/07	13	NA	NA	0.091	0.22	0.60	2.5	NA
	06/20/07	6.6	NA	NA	0.027	0.060	0.19	1.1	0.030*
	09/24/07	6.6	NA	NA	0.023	0.094	0.27	2.0	NA
	12/11/07	27	NA	NA	0.031	0.33	0.87	6.6	NA
	03/04/08	19	NA	NA	0.032	0.19	0.66	3.8	NA
	06/04/08	6.4	NA	NA	<0.01	0.088	0.30	0.77	0.019***
	09/08/08	15	NA	NA	0.015	0.064	0.350	2.6	NA
	12/05/08	8.7	NA	NA	0.019	0.046	0.330	1.5	NA
	03/04/09	5.7	NA	NA	0.014	0.073	0.25	1.4	NA
	06/02/09	5.5	NA	NA	0.014	0.029	0.15	0.89	0.0072*
	09/21/09	6.1	NA	NA	0.0072	0.030	0.18	1.1	NA
	11/17/09	18	NA	NA	<0.020	0.16	0.54	4.3	NA
	03/09/10	5.8	NA	NA	0.013	0.047	0.20	0.90	NA
	06/09/10	4.9	NA	NA	0.0075	0.058	0.25	1.2	0.0064*
	09/09/10	1.9	<0.25	<0.50	0.0036	0.0082	0.041	0.23	NA
	11/15/10	8.8	NA	NA	0.012	0.10	0.340	2.10	NA
	03/01/11	4.9	NA	NA	0.0051	0.055	0.11	0.77	NA
	05/24/11	5.0	NA	NA	0.0062	0.050	0.14	0.66	0.0082***
	08/29/11	2.3	NA	NA	0.0022	0.0055	0.026	0.16	NA
	<b>12/01/11</b>	<b>5.2</b>	<b>NA</b>	<b>NA</b>	<b>&lt;0.0005</b>	<b>0.026</b>	<b>0.036</b>	<b>0.83</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-8</b>	02/14/02	<0.25	8.1	<5.0	<0.0005	0.00086	<0.0005	<0.0005	0.03*
	08/29/02	<0.25	7.5	<0.5	<0.0005	0.00082	<0.0005	<0.0005	0.017*
	11/05/02	<0.25	1.7	1.2	<0.0005	<0.0005	<0.0005	<0.0005	0.012*
	02/20/03	<0.25	6.6	<0.5	<0.0005	0.00055	<0.0005	0.0024	0.029*
	06/11/03	<0.25	3.8	<0.25	0.0013	<0.001	<0.001	<0.001	0.012*
	09/17/03	<0.25	3.3	0.77	<0.0005	<0.0005	<0.0005	<0.0005	0.030*
	11/20/03	<0.25	2.5	<0.50	<0.001	<0.001	<0.001	<0.001	<0.0050*
	02/26/04	<0.25	2.7	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.016*
	05/11/04	<0.25	1.5	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	08/26/04	<0.25	1.0	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/15/04	<0.25	1.5	<0.50	<0.001	<0.001	<0.001	<0.001	0.0071*
	03/09/05	<0.25	1.6	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0094*
	06/08/05	<0.25	1.8	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.014*
	09/21/05	<0.25	1.0	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.011*
	12/14/05	<0.25	1.1	0.58	<0.001	<0.001	<0.001	0.0013	0.0060*
	03/14/06	<0.25	0.54	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.011*
	06/07/06	<0.25	0.88	0.61	<0.0005	<0.0005	<0.0005	<0.0005	0.0093*
	09/13/06	<0.25	0.35	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.012*
	12/13/06	<0.25	0.82	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0060*
	06/20/07	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.029
	06/04/08	<0.25	0.37	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	0.064
	06/02/09	<0.25	0.52	<0.50	<0.00050	<0.00050	<0.00050	<0.00050	0.020
	06/09/10	<0.25	0.82	0.65	<0.0005	<0.0005	<0.0005	<0.0005	0.013
	05/24/11	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.020

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-9</b>	06/11/03	6.0	13	<0.50	0.0031	0.036	0.076	0.6	0.022*
	09/17/03	5.3	39	0.72	0.026	0.027	0.09	0.45	0.0095*
	11/20/03	8.5	19	<0.50	<0.005	0.018	0.14	1.1	0.0096*
	02/26/04	4.1	28	<0.50	0.022	0.0072	0.025	0.47	0.0083*
	05/11/04	4.1	5.8	<0.50	0.0023	0.0093	0.081	0.44	<0.0050*
	08/26/04	4.2	6.2	<0.50	0.0066	0.025	0.13	0.43	0.0099*
	12/15/04	5.4	7.6	<0.50	<0.0025	0.011	0.12	0.39	0.0094*
	03/09/05	4.5	3.5	<0.50	0.0037	0.0047	0.042	0.18	0.021*
	06/08/05	3.2	3.9	<0.50	0.0035	0.0087	0.069	0.17	0.0076*
	09/21/05	2.3	2.6	<0.50	0.007	0.0077	0.033	0.12	0.0076*
	12/14/05	4.7	1.2	<0.50	0.0078	0.010	0.12	0.38	0.0095*
	03/14/06	2.4	1.4	<0.50	0.0024	0.003	0.018	0.12	0.013*
	06/07/06	<0.25	1.0	<0.50	0.0011	0.023	0.049	0.21	0.021*
	09/13/06	1.8	0.46	<0.50	0.0044	0.016	0.063	0.06	0.010*
	12/13/06	2.6	3.8	<0.50	<0.0025	<0.0025	0.024	0.19	0.025*
	03/27/07	1.5	NA	NA	0.16	0.001	0.0051	0.03	NA
	06/20/07	2.0	NA	NA	0.066	0.015	0.051	0.12	0.017
	09/24/07	1.7	NA	NA	0.0036	0.0072	0.029	0.093	NA
	12/11/07	2.9	NA	NA	<0.0025	<0.0025	0.057	0.55	NA
	03/04/08	3.0	NA	NA	0.0096	<0.0015	0.016	0.15	NA
	06/04/08	2.0	NA	NA	0.0019	0.0073	0.039	0.089	0.0088
	09/08/08	2.4	NA	NA	0.0022	0.020	0.077	0.16	NA
	12/05/08	0.93	NA	NA	<0.0015	<0.0015	<0.0015	0.052	NA
	03/04/09	0.42	NA	NA	<0.0010	<0.0010	0.0040	0.031	NA
	03/04/09	0.42	NA	NA	<0.0010	<0.0010	0.0040	0.031	NA
	06/02/09	1.2	NA	NA	<0.00050	<0.00050	0.0041	0.032	0.0099
	09/22/09	1.2	NA	NA	0.0060	0.0018	0.0068	0.033	NA
	11/17/09	<0.25	NA	NA	<0.0005	0.0005	<0.0005	0.0043	NA
	03/09/10	<0.25	NA	NA	0.00092	0.0005	0.00055	0.00071	NA
	06/09/10	0.30	NA	NA	0.0014	<0.0005	0.00081	0.0058	<0.0050
	09/09/10	0.48	NA	NA	0.0058	0.0014	0.0061	0.025	NA
	11/15/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	0.00085	NA
	03/01/11	<0.25	NA	NA	0.014	<0.0005	<0.0005	0.00085	NA
	05/24/11	<0.25	NA	NA	0.0043	<0.0005	<0.0005	0.00085	0.0093
	08/29/11	0.28	NA	NA	0.0067	<0.0005	0.00078	0.0038	NA
	<b>12/01/11</b>	<b>&lt;0.25</b>	<b>NA</b>	<b>NA</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</b>	<b>0.0024</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-12</b>	06/20/01	<0.06	1.7	<0.5	<0.001	<0.001	<0.001	<0.003	<0.004
<b>MW-12R</b>	02/14/02	<0.25	1.4	<0.5	0.014	<0.0005	<0.0005	<0.0005	<0.005*
	05/21/02	<0.25	2.5	<0.5	0.08	0.0013	<0.0005	0.00066	<0.005*
	08/28/02	<0.25	2.1	<0.5	0.028	0.0059	<0.0005	0.0015	<0.005*
	11/05/02	<0.25	1.3	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	02/19/03	0.26	2.5	<0.5	0.19	0.0012	<0.001	<0.001	<0.005*
	06/10/03	0.41	1.3	<0.25	0.11	0.00055	<0.0005	<0.0005	<0.005*
	09/16/03	<0.25	0.67	<0.50	0.0021	<0.0005	<0.0005	<0.0005	0.013*
	11/19/03	0.42	<0.25	<0.50	0.26	<0.001	<0.001	<0.001	0.0078
	02/25/04	0.26	1.8	<0.50	0.099	0.0005	<0.0005	0.00076	0.010*
	05/12/04	0.56	0.74	<0.50	0.20	<0.001	<0.001	<0.001	<0.0050*
	08/26/04	0.35	0.50	<0.50	0.089	<0.001	<0.001	<0.001	<0.0050*
	12/15/04	<0.25	0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/09/05	<0.25	0.39	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/08/05	<0.25	0.39	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA*
	09/21/05	0.26	0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/14/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/14/06	<0.25	<0.25	<0.50	<0.001	<0.001	<0.001	<0.001	<0.0050*
	06/07/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/13/06	<0.25	0.27	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/20/07	<0.25	NA	NA	<0.0005	0.0010	<0.0005	<0.0005	<0.0050
	06/05/08	<0.25	0.78	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050
	06/01/09	<0.25	0.32	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/08/10	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	05/23/11	<0.25	0.41	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-13</b>	06/19/01	<0.05	1.3	<0.5	<0.001	<0.001	<0.001	<0.003	<0.004
<b>MW-13R</b>	02/14/02	<0.25	3.2	<0.5	0.056	<0.0005	<0.0005	0.00075	<0.005*
	05/21/02	<0.25	3.5	<0.5	0.0025	<0.0005	<0.0005	<0.0005	<0.005*
	08/28/02	<0.25	2.4	<0.5	<0.0005	0.0019	<0.0005	0.0007	<0.005*
	11/05/02	<0.25	2.0	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	02/19/03	<0.25	1.7	<0.5	0.00078	0.0032	<0.0005	0.00083	<0.005*
	06/10/03	<0.25	0.76	<0.25	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	09/16/03	<0.25	1.4	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0078*
	11/19/03	<0.25	<0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0066
	02/25/04	<0.25	<0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.012*
	05/12/04	<0.25	0.61	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	08/26/04	<0.25	0.49	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/15/04	<0.25	0.91	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/09/05	<0.25	0.35	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/08/05	<0.25	0.49	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA*
	09/21/05	<0.25	0.39	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/14/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/14/06	<0.25	<0.25	<0.50	<0.001	<0.001	<0.001	<0.001	<0.0050*
	06/07/06	<0.25	<0.25	<0.50	<0.005	<0.005	<0.005	<0.005	<0.0050*
	09/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/13/06	<0.25	0.33	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0077*
	06/20/07	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/05/08	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/01/09	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/08/10	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	05/23/11	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-14</b>	02/13/02	2.5	37	<5.0	0.01	0.0085	0.18	0.22	NA
	05/21/02	2.9	23	1.0	0.0093	0.0057	0.18	0.15	NA
	08/29/02	2.9	28	<0.5	0.017	0.0073	0.21	0.14	NA
	11/05/02	2.0	28	0.91	0.06	0.0059	0.12	0.076	NA
	02/20/03	3.4	18	<0.5	0.056	0.0062	0.14	0.11	NA
	06/11/03	3.1	28	<0.5	0.059	0.0098	0.23	0.13	NA
	09/16/03	<1.0	15	<0.50	0.13	<0.005	0.019	0.022	NA
	11/20/03	<2.0	29	0.70	0.12	<0.01	0.02	0.031	NA
	02/24/04	2.4	21	<0.50	0.061	0.014	0.25	0.2	NA
	05/11/04	2.7	27	<0.50	0.053	0.0092	0.21	0.16	NA
	08/26/04	2.3	11	0.53	0.024	<0.0025	0.16	0.19	NA
	12/15/04	1.2	9.6	<0.50	0.0084	<0.005	0.01	0.0055	NA
	03/09/05	4.2	7.7	<0.50	0.0053	0.0094	0.18	0.099	NA
	06/08/05	3.1	8.8	<0.50	0.0043	0.0069	0.17	0.11	NA
	09/21/05	1.6	10.0	1.1	0.012	0.0048	0.077	0.068	NA
	12/14/05	3.1	2.0	<0.50	0.0059	0.0075	0.120	0.068	NA
	03/14/06	0.79	2.1	<0.50	<0.0025	<0.0025	0.023	0.03	NA
	06/07/06	0.84	3.0	<0.50	<0.0025	<0.0025	0.061	0.033	NA
	09/13/06	2.4	1.8	<0.50	<0.0025	0.0060	0.100	0.056	NA
	12/13/06	1.1	1.4	<0.50	<0.0025	<0.0025	0.044	0.029	NA
	03/27/07	1.3	NA	NA	0.0057	<0.0025	0.049	0.024	NA
	06/20/07	1.5	NA	NA	<0.0025	0.0039	0.087	0.046	NA
	09/24/07	2.5	NA	NA	0.0024	0.0077	0.15	0.13	NA
	12/11/07	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/04/08	0.43	NA	NA	<0.0015	<0.0015	0.019	0.0073	NA
	06/04/08	<0.30	NA	NA	<0.0015	<0.0015	<0.015	<0.015	NA
	09/08/08	2.5	NA	NA	0.0024	0.0070	0.17	0.075	NA
	12/05/08	<0.50	NA	NA	<0.0025	<0.0025	0.0047	0.0036	NA
	03/04/09	<0.25	NA	NA	0.0011	<0.0010	0.0011	0.0038	NA
	06/02/09	<0.25	NA	NA	<0.0010	<0.0010	<0.0010	0.0018	NA
	09/21/09	0.56	NA	NA	<0.0025	<0.0025	0.044	0.013	NA
	11/17/09	<0.50	NA	NA	<0.0025	<0.0025	<0.0025	<0.0025	NA
	03/08/10	<0.25	NA	NA	0.0010	<0.0010	0.0010	0.0021	NA
	06/08/10	<0.25	NA	NA	<0.0005	<0.0005	0.0011	0.0014	NA
	09/09/10	0.50	NA	NA	0.0013	0.0018	0.031	0.036	NA
	11/15/10	<0.25	NA	NA	<0.0010	<0.0010	<0.0010	<0.0010	NA
	03/01/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/24/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	08/29/11	0.41	NA	NA	<0.0010	0.0011	0.019	0.026	NA
	<b>12/01/11</b>	<b>&lt;0.25</b>	<b>NA</b>	<b>NA</b>	<b>&lt;0.0010</b>	<b>&lt;0.0010</b>	<b>&lt;0.0010</b>	<b>0.0032</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-16</b>	02/13/02	<0.25	<0.25	<0.5	0.0013	0.0037	<0.0005	0.0011	NA
	05/21/02	<0.25	<0.5	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	NA
	08/29/02	<0.25	<0.5	<0.5	<0.0005	0.0022	<0.0005	0.00069	NA
	11/05/02	<0.25	0.29	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	NA
	02/19/03	<0.25	<0.25	<0.5	<0.0005	0.0018	<0.0005	<0.0005	NA
	06/10/03	<0.25	<0.25	<0.25	<0.0005	<0.0005	<0.0005	<0.0005	NA
	09/16/03	<0.25	<0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	11/19/03	<0.25	<0.25	<0.50	<0.0005	0.0013	<0.0005	0.00062	NA
	02/25/04	<0.25	<0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/11/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	08/26/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/15/04	<0.25	<0.25	<0.50	0.029	<0.0005	<0.0005	<0.0005	NA
	03/10/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/07/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	09/20/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/13/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/15/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/08/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	09/12/06	<0.25	<0.25	<0.50	<0.0005	0.00062	0.0012	<0.0005	NA
	12/12/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/19/07	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/04/08	0.39	0.43	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	NA
	06/03/09	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/09/10	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	0.0012	NA
	05/23/11	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
<b>MW-17</b>	05/23/11	0.30	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-18</b>	02/13/02	7.6	0.77	<0.5	1.8	0.067	0.29	0.34	NA
	05/21/02	1.2	0.3	<0.5	0.25	0.016	0.068	0.068	NA
	08/29/02	1.6	<0.5	<0.5	0.45	0.014	0.032	0.044	NA
	11/05/02	1.1	<0.25	<0.5	<0.3	0.010	0.011	0.031	NA
	02/19/03	<0.25	<0.25	<0.5	0.0035	0.0047	<0.0005	0.0016	NA
	06/10/03	<0.25	<0.25	<0.25	0.022	0.0016	<0.0005	0.004	NA
	09/16/03	<0.25	<0.50	<0.50	0.036	0.0019	<0.0005	0.0075	NA
	11/19/03	<0.25	<0.25	<0.50	0.0042	<0.0005	<0.0005	0.0015	NA
	02/25/04	0.58	<0.25	<0.50	0.11	0.0048	0.00087	0.026	NA
	05/11/04	1.1	<0.25	<0.50	0.25	0.0073	0.0016	0.037	NA
	08/26/04	<0.25	<0.25	<0.50	0.003	<0.0005	<0.0005	<0.0005	NA
	12/15/04	0.84	<0.25	<0.50	0.14	0.006	0.0019	0.029	NA
	03/10/05	0.84	<0.25	<0.50	0.25	0.0049	0.002	0.021	NA
	06/07/05	0.68	<0.25	<0.50	0.17	0.0039	0.0019	0.0098	NA
	09/20/05	4.0	<0.25	<0.50	0.74	0.021	0.0091	0.09	NA
	12/13/05	2.3	<0.25	<0.50	0.45	0.015	0.0067	0.033	NA
	03/15/06	4.9	<0.25	<0.50	1.2	0.035	0.025	0.12	NA
	06/08/06	1.2	<0.25	<0.50	0.15	0.011	0.011	0.034	NA
	09/12/06	0.35	<0.25	<0.50	0.023	0.0021	0.0022	0.0047	NA
	12/12/06	0.28	<0.25	<0.50	0.023	0.0018	0.0019	0.006	NA
	03/27/07	0.78	NA	NA	0.022	0.0029	0.0051	0.012	NA
	06/19/07	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	09/24/07	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/11/07	<0.25	NA	NA	0.011	0.00075	<0.0005	0.0032	NA
	03/04/08	0.29	NA	NA	0.0090	0.0016	0.0005	0.00088	NA
	06/04/08	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	09/08/08	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/04/08	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/04/09	<0.25	NA	NA	0.00080	<0.0005	<0.0005	<0.0005	NA
	06/03/09	<0.25	NA	NA	0.00061	<0.0005	<0.0005	<0.0005	NA
	09/22/09	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	11/17/09	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/09/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	0.0011	NA
	06/08/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	09/10/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	11/16/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/02/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/23/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	08/30/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	<b>12/02/11</b>	<b>&lt;0.25</b>	<b>NA</b>	<b>NA</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</b>	<b>&lt;0.0010</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-19</b>	02/13/02	29	6.8	<2.5	0.057	0.73	0.58	6.5	NA
	05/21/02	30	7.7	<0.5	0.049	0.65	0.53	6.5	NA
	08/29/02	13	11	<0.5	0.14	0.29	0.20	2.1	NA
	11/05/02	8.2	3.0	<0.5	0.21	0.37	0.16	1.7	NA
	02/20/03	38	19	<0.5	0.091	1.2	0.80	8.0	NA
	06/11/03	32	15	<1.0	0.042	0.38	0.80	6.7	NA
	09/16/03	4.2	12	<0.50	0.19	0.043	0.19	1.1	NA
	11/20/03	22	10	<0.50	0.11	0.67	0.75	6.1	NA
	02/24/04	19	14	<0.50	<0.015	0.49	0.63	4.7	NA
	05/11/04	27	13	<0.50	<0.025	0.22	0.87	7.2	NA
	08/26/04	22	0.72	<0.50	0.042	0.26	0.64	4.6	NA
	12/15/04	15	7.6	<0.50	0.039	0.12	0.37	2.7	NA
	03/09/05	27	9.1	<0.50	0.073	0.18	0.56	3.4	NA
	06/08/05	17	6.3	<0.50	0.071	0.17	0.61	2.8	NA
	09/20/05	NS	NS	NS	NS	NS	NS	NS	NS
	12/14/05	NS	NS	NS	NS	NS	NS	NS	NS
	03/14/06	NS	NS	NS	NS	NS	NS	NS	NS
	06/07/06	14	1.4	<0.50	<0.010	0.043	0.29	1.4	NA
	09/13/06	11	0.5	<0.50	0.032	0.047	0.41	1.1	NA
	12/13/06	8	1.4	<0.50	0.016	0.052	0.30	1.4	NA
	03/27/07	13	NA	NA	<0.010	0.047	0.35	1.8	NA
	06/20/07	12	NA	NA	0.050	0.092	0.29	1.2	NA
	09/24/07	10	NA	NA	0.13	0.11	0.42	1.3	NA
	12/11/07	12	NA	NA	0.11	0.14	0.40	1.9	NA
	03/04/08	17	NA	NA	0.15	0.28	0.52	2.4	NA
	06/04/08	11	NA	NA	0.070	0.023	0.45	1.0	NA
	09/08/08	5.3	NA	NA	0.078	0.0063	0.12	0.29	NA
	12/05/08	7.8	NA	NA	0.071	0.047	0.38	0.73	NA
	03/04/09	9.4	NA	NA	0.076	0.13	0.43	1.4	NA
	06/02/09	13	NA	NA	0.071	0.13	0.43	1.6	NA
	09/21/09	8.4	NA	NA	0.052	0.0097	0.32	0.29	NA
	11/17/09	7.4	NA	NA	0.023	0.049	0.34	1.2	NA
	03/08/10	10	NA	NA	0.017	0.11	0.46	1.8	NA
	06/08/10	12	NA	NA	0.042	0.17	0.55	1.6	NA
	09/09/10	7.3	0.71	<0.50	0.039	0.020	0.42	0.18	NA
	11/15/10	4.5	NA	NA	0.039	0.180	0.44	0.13	NA
	03/01/11	9.6	NA	NA	0.039	0.13	0.34	0.88	NA
	05/24/11	7.4	NA	NA	0.0028	0.011	0.17	0.38	NA
	08/29/11	7.0	NA	NA	0.012	0.015	0.15	0.066	NA
	<b>12/01/11</b>	<b>7.5</b>	<b>NA</b>	<b>NA</b>	<b>0.059</b>	<b>0.034</b>	<b>0.22</b>	<b>0.30</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-20</b>	02/13/02	<0.25	0.64	<0.5	<0.001	<0.001	<0.001	<0.001	NA
	05/20/02	<0.25	1.3	<0.5	0.018	0.0012	0.0048	0.014	NA
	08/29/02	0.6	1.1	<0.5	0.057	0.0065	0.021	0.084	NA
	11/06/02	<0.25	0.81	<0.5	0.0023	0.00053	<0.0005	<0.0005	NA
	02/19/03	<0.25	<0.25	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/11/03	<0.25	0.68	<0.25	<0.0005	<0.0005	<0.0005	<0.0005	NA
	09/17/03	<0.25	<0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	11/20/03	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	0.00072	NA
	02/25/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/11/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	08/26/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/15/04	<0.25	0.30	<0.50	0.0013	<0.0005	<0.0005	<0.0005	NA
	03/09/05	<0.25	<0.25	<0.50	0.00074	<0.0005	<0.0005	<0.0005	NA
	06/08/05	<0.25	0.55	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	09/21/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/14/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/14/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/07/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	09/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/20/07	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/05/08	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/01/09	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/09/10	<0.25	<0.25	<0.50	<0.0005	<0.0005	0.00054	0.0028	NA
	05/23/11	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA

**TABLE 2**  
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 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-21</b>	06/11/03	NS	NS	NS	NS	NS	NS	NS	NS
	09/17/03	NS	NS	NS	NS	NS	NS	NS	NS
	11/20/03	0.97	19	<0.50	<0.0025	<0.0025	<0.0025	<0.0025	NA
	02/26/04	2.3	35	<0.50	<0.0025	<0.0025	<0.0025	<0.0025	NA
	05/11/04	1.2	29	<0.50	<0.0025	<0.0025	<0.0025	<0.0025	NA
	08/26/04	4.3	33	<0.50	<0.001	<0.001	0.0013	0.0014	NA
	12/15/04	NS	NS	NS	NS	NS	NS	NS	NA
	03/09/05	2.4	140	<5.0	<0.0015	<0.0015	0.0016	<0.0015	NA
	06/08/05	1.8	31	0.5	<0.002	<0.002	0.0026	<0.002	NA
	09/21/05	1.7	46	3.3	<0.0010	<0.0010	0.0013	<0.0010	NA
	12/14/05	1.0	6.1	0.54	<0.002	<0.002	0.0027	<0.002	NA
	03/14/06	<0.25	33	3.1	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/07/06	0.8	18	1.2	<0.0025	<0.0025	<0.0025	<0.0025	NA
	09/13/06	NS	NS	NS	NS	NS	NS	NS	NS
	12/13/06	NS	NS	NS	NS	NS	NS	NS	NS
	03/27/07	<0.50	9.6	0.75	<0.0025	<0.0025	<0.0025	<0.0025	NA
	06/20/07	<0.50	8.5	0.66	<0.0025	<0.0025	<0.0025	<0.0025	NA
	09/24/07	0.36	4.3	0.52	<0.0015	<0.0015	0.0018	<0.0015	NA
	12/11/07	<0.25	34	2.5	<0.0010	<0.0010	<0.0010	<0.0010	NA
	03/04/08	<0.50	12	0.92	<0.0025	<0.0025	<0.0025	<0.0025	NA
	06/04/08	<0.30	4.7	<0.50	<0.0015	<0.0015	<0.015	<0.0015	NA
	09/08/08	0.98	3.8	<0.50	<0.0015	0.0015	0.0049	0.0028	NA
	12/05/08	<1.0	4.8	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	NA
	03/04/09	<0.50	6.4	0.89	<0.0025	<0.0025	<0.0025	0.0034	NA
	06/02/09	0.70	2.9	0.68	<0.0010	<0.0010	0.0016	<0.0010	NA
	09/22/09	1.7	4.7	<0.50	<0.0025	<0.0025	0.0029	<0.0025	NA
	11/17/09	<0.25	0.87	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/09/10	<0.25	1.10	<0.50	0.0014	<0.0010	<0.0010	<0.0005	NA
	06/08/10	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/10	0.60	3.7	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	NA
	11/15/10	<0.25	0.49	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/01/11	<0.25	1.2	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/23/11	<0.25	1.2	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	08/29/11	0.35	3.7	0.98	<0.0010	<0.0010	<0.0010	<0.0010	NA
	<b>12/01/11</b>	<b>&lt;0.25</b>	<b>1.7</b>	<b>NA</b>	<b>&lt;0.0010</b>	<b>&lt;0.0010</b>	<b>&lt;0.0010</b>	<b>&lt;0.0020</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-22</b>	02/13/02	0.96	9.2	<0.5	0.012	0.0053	0.017	0.0097	NA
	05/21/02	1.1	7.7	<0.5	0.16	0.049	0.023	0.030	NA
	08/29/02	1.4	2.4	<0.5	0.50	0.0093	0.044	0.0066	NA
	11/05/02	0.49	1.7	<0.5	0.14	0.0031	0.025	<0.001	NA
	02/19/03	<0.25	9.1	<0.5	<0.001	<0.001	<0.001	<0.001	NA
	06/10/03	<0.25	7.4	0.87 <sup>a</sup>	<0.001	<0.001	<0.001	<0.001	NA
	09/16/03	<0.25	2.7	<0.50	0.0018	<0.0005	<0.0005	<0.0005	NA
	11/19/03	<0.50	8.4	<0.50	<0.0025	<0.0025	<0.0025	<0.0025	NA
	02/25/04	<0.25	6.4	<0.50	<0.001	<0.001	<0.001	<0.001	NA
	05/11/04	<0.25	2.0	<0.50	<0.001	<0.001	<0.001	<0.001	NA
	08/25/04	<0.25	0.61	<0.50	<0.001	<0.001	<0.001	<0.001	NA*
	12/14/04	<0.25	1.1	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/10/05	<0.25	2.2	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/07/05	<0.25	3.0	<0.50	0.0049	<0.001	<0.001	<0.001	NA
	09/20/05	0.40	2.9	<0.50	<0.001	<0.001	<0.001	<0.001	NA
	12/13/05	<0.25	0.71	<0.50	<0.001	<0.001	<0.001	<0.001	NA
	03/15/06	<0.25	2.4	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/08/06	<0.25	0.89	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	09/12/06	<0.25	0.45	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/12/06	<0.25	1.4	<0.50	<0.001	<0.001	<0.001	<0.001	NA
	06/19/07	<0.25	1.1	<0.50	0.0094	<0.0005	<0.0005	<0.0005	NA
	06/04/08	<0.25	0.77	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/03/09	<0.25	1.8	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/09/10	<0.25	1.2	<0.50	<0.0005	<0.0005	<0.0005	0.0011	NA
	05/23/11	<0.25	2.7	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	NA

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-23</b>	11/19/03	5.3	1.4	<0.50	0.87	0.016	0.098	0.23	NA
	02/25/04	3.3	0.85	<0.50	0.91	0.011	0.046	0.03	0.0052*
	05/12/04	4.2	1.3	<0.50	1.1	0.013	0.046	0.048	<0.0050*
	08/26/04	5.3	0.72	<0.50	1.1	0.023	0.2	0.17	0.014*
	12/14/04	NS	NS	NS	NS	NS	NS	NS	NS
	03/08/05	NS	NS	NS	NS	NS	NS	NS	NS
	06/07/05	NS	NS	NS	NS	NS	NS	NS	NS
	09/20/05	NS	NS	NS	NS	NS	NS	NS	NS
	12/13/05	6.3	<0.25	<0.50	1.3	0.014	0.048	0.044	<0.0050*
	03/15/06	7.0	0.28	<0.50	1.4	0.015	0.19	0.21	<0.0050*
	06/08/06	5.2	1.30	<0.50	1.4	0.014	0.11	0.11	<0.0050*
	09/12/06	NS	NS	NS	NS	NS	NS	NS	NS
	12/12/06	8.1	<0.25	<0.50	1.8	0.020	0.11	0.16	<0.0050*
	03/27/07	8.4	NA	NA	1.8	0.019	0.16	0.16	NA
	06/19/07	8.7	NA	NA	1.8	0.021	0.23	0.23	<0.0050
	09/25/07	6.9	NA	NA	1.5	0.021	0.085	0.11	NA
	12/11/07	9.1	NA	NA	1.3	0.022	0.053	0.097	NA
	03/04/08	7.8	NA	NA	1.5	0.018	0.089	0.10	NA
	06/04/08	19	NA	NA	2.4	0.061	0.59	3.2	<0.0050
	09/08/08	6.4	NA	NA	0.79	0.014	0.070	0.038	NA
	12/04/08	5.4	NA	NA	0.52	0.0088	0.091	0.063	NA
	03/04/09	4.8	NA	NA	0.81	0.012	0.27	0.11	NA
	06/02/09	5.7	NA	NA	0.21	0.0061	0.17	0.054	<0.0050
	09/21/09	5.9	NA	NA	0.64	0.013	0.26	0.025	NA
	11/16/09	6.2	NA	NA	0.80	0.017	0.45	0.036	NA
	03/08/10	4.8	NA	NA	0.25	0.0077	0.19	0.031	NA
	06/08/10	5.5	NA	NA	0.39	0.0082	0.17	0.025	<0.0050
	09/10/10	4.9	NA	NA	0.21	0.0044	0.11	0.019	NA
	11/16/10	4.5	NA	NA	0.37	0.010	0.23	0.020	NA
	03/02/11	5.0	NA	NA	0.21	0.0060	0.15	0.023	NA
	05/24/11	6.0	NA	NA	0.32	0.0053	0.16	0.027	<0.0050
	08/30/11	6.0	NA	NA	0.15	0.0030	0.093	0.015	NA
	<b>12/02/11</b>	<b>5.3</b>	<b>NA</b>	<b>NA</b>	<b>0.29</b>	<b>0.0076</b>	<b>0.13</b>	<b>0.017</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-24</b>	11/19/03	34	6.4	0.54	2.8	0.54	1.4	6	NA
	02/25/04	26	3.0	<0.50	4.3	0.085	1.0	3.3	<0.0050*
	05/12/04	NS	NS	NS	NS	NS	NS	NS	NS
	08/26/04	NS	NS	NS	NS	NS	NS	NS	NS
	12/14/04	NS	NS	NS	NS	NS	NS	NS	NS
	03/08/05	NS	NS	NS	NS	NS	NS	NS	NS
	06/07/05	NS	NS	NS	NS	NS	NS	NS	NS
	09/20/05	NS	NS	NS	NS	NS	NS	NS	NS
	12/14/05	NS	NS	NS	NS	NS	NS	NS	NS
	03/15/06	26	0.34	<0.50	4.4	0.064	0.88	4.2	0.0069
	06/08/06	21	<0.25	<0.50	1.5	0.039	0.86	4.9	0.0068
	09/12/06	NS	NS	NS	NS	NS	NS	NS	NS
	12/12/06	20	1.1	<0.50	1.5	0.037	0.69	3.2	0.0078*
	03/27/07	27	NA	NA	3.4	0.062	1.3	4.6	NA
	06/19/07	31	NA	NA	3.0	0.063	1.0	5.7	0.022
	09/25/07	16	NA	NA	2.0	0.036	0.79	2.3	NA
	12/11/07	40	NA	NA	1.5	0.066	1.8	9.2	NA
	03/04/08	41	NA	NA	1.8	0.052	1.4	7.7	NA
	06/04/08	5.5	NA	NA	1.2	0.013	0.027	0.027	<0.0050
	09/08/08	46	NA	NA	3.5	0.081	1.9	7.3	NA
	12/05/08	32	NA	NA	2.4	0.061	1.6	4.3	NA
	03/04/09	26	NA	NA	2.3	0.056	1.5	5.3	NA
	06/02/09	37	NA	NA	2.5	0.064	1.7	4.4	0.0062
	09/21/09	28	NA	NA	1.6	0.042	1.3	4.2	NA
	11/16/09	20	NA	NA	1.1	0.027	0.94	2.7	NA
	03/08/10	31	NA	NA	2.5	0.058	1.6	5.1	NA
	06/08/10	37	NA	NA	3.1	0.084	2.2	7.1	0.019
	09/10/10	28	NA	NA	2.4	0.066	1.8	4.3	NA
	11/16/10	26	NA	NA	1.3	0.051	1.5	5.8	NA
	03/02/11	26	NA	NA	2.2	0.057	1.3	4.8	NA
	05/24/11	11	NA	NA	1.2	0.028	0.51	1.3	<0.0050
	08/30/11	30	NA	NA	2.0	0.057	1.4	4.2	NA
	<b>12/02/11</b>	<b>18</b>	<b>NA</b>	<b>NA</b>	<b>0.37</b>	<b>0.016</b>	<b>0.42</b>	<b>2.56</b>	<b>NA</b>
<b>DUP</b>	<b>12/02/11</b>	<b>17</b>	<b>NA</b>	<b>NA</b>	<b>0.36</b>	<b>&lt;0.015</b>	<b>0.40</b>	<b>2.46</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-25</b>	11/20/03	<0.25	1.3	<0.50	0.0061	<0.0005	<0.0005	<0.0005	NA
	02/26/04	0.38	8.9	<0.50	0.0011	<0.0005	0.0027	<0.0005	0.012*
	05/12/04	<0.25	1.6	<0.50	<0.0005	<0.0005	0.0034	<0.0005	<0.0050*
	08/26/04	<0.25	0.27	<0.50	0.013	<0.0005	<0.0005	<0.0005	0.034* <sup>a</sup>
	12/14/04	<0.25	1.4	<0.50	0.0035	<0.001	<0.001	<0.001	<0.0050*
	03/10/05	0.31	3.7	<0.50	0.0014	<0.0005	0.00064	<0.0005	<0.0050*
	06/07/05	0.40	3.2	<0.50	<0.001	<0.001	0.0014	<0.001	<0.0050*
	09/20/05	0.30	1.4	<0.50	0.0016	<0.0005	<0.0005	<0.0005	0.059* <sup>a</sup>
	12/13/05	<0.25	1.2	<0.50	<0.001	<0.001	<0.001	<0.001	<0.0050*
	03/15/06	<0.25	1.0	<0.50	0.0019	<0.001	<0.001	<0.001	<0.0050*
	06/08/06	<0.25	1.4	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/12/06	<0.25	0.31	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/12/06	<0.25	0.86	<0.50	0.0052	<0.0005	<0.0005	<0.0005	<0.0050*
	06/19/07	<0.50	1.6	<0.50	<0.0025	<0.0025	<0.0025	<0.0025	<0.0050
	06/04/08	<0.25	0.26	<0.50	0.0020	<0.0005	<0.0005	<0.0005	<0.0050
	06/03/09	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/09/10	<0.25	0.32	<0.50	<0.001	<0.001	<0.001	<0.001	<0.0050
	05/25/11	<0.50	1.4	<0.50	<0.0025	<0.0025	<0.0025	<0.0025	<0.0050

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>A-5</b>	02/14/02	<0.25	2.3	<0.5	0.00055	0.0017	<0.0005	<0.0005	NA
	05/22/02	<0.25	2	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	NA
	08/29/02	<0.25	1.2	<0.5	0.0017	0.00062	<0.0005	0.00099	NA
	11/06/02	<0.25	1.2	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	NA
	02/20/03	<0.25	<0.25	<0.5	0.00086	0.0019	<0.0005	0.001	NA
	06/10/03	0.26	0.4	<0.25	<0.0005	0.00067	<0.0005	0.0007	NA
	09/17/03	<0.25	0.60	<0.50	0.0042	<0.0005	<0.0005	<0.0005	NA
	11/20/03	<0.25	0.53	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	02/26/04	<0.25	3.3	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/12/04	0.27	0.43	<0.50	<0.0005	<0.0005	<0.0005	0.00057	NA
	08/25/04	<0.25	1.1	<0.50	0.0029	<0.0005	<0.0005	<0.0005	NA
	12/14/04	<0.25	0.43	<0.50	0.021	<0.001	<0.001	<0.001	NA
	03/10/05	0.43	5.2	<0.50	0.12	0.0025	<0.001	0.0012	NA
	06/07/05	0.54	2.4	1.70	0.12	0.0028	<0.001	0.0013	NA
	09/20/05	0.37	1.2	<0.50	0.037	0.0017	<0.001	0.0011	NA
	12/13/05	0.44	0.31	<0.50	0.049	0.0021	<0.0005	0.0013	NA
	03/15/06	0.36	0.45	<0.50	0.052	0.0017	<0.001	0.0017	NA
	06/08/06	0.91	0.55	<0.50	0.099	0.0036	0.00076	0.0034	NA
	09/12/06	0.46	0.43	<0.50	0.031	0.0016	<0.001	0.0014	NA
	12/12/06	0.70	0.53	<0.50	0.079	0.0028	<0.001	0.0025	NA
	03/27/07	1.4	NA	NA	0.19	0.0045	0.0014	0.0050	NA
	06/19/07	1.1	1.9	<0.50	0.090	0.0027	0.00072	0.0039	NA
	09/24/07	0.72	NA	NA	0.039	0.0019	<0.0005	0.0018	NA
	12/11/07	0.31	NA	NA	0.017	0.00096	<0.0005	0.00088	NA
	03/04/08	1.4	NA	NA	0.12	0.0040	<0.0010	0.0040	NA
	06/03/08	0.85	NA	NA	0.048	<0.0015	<0.0015	0.0029	NA
	09/08/08	1.5	NA	NA	0.150	0.0032	0.0031	0.0076	NA
	12/05/08	0.64	NA	NA	0.089	<0.0010	<0.0010	0.0038	NA
	12/05/08	0.64	NA	NA	0.089	<0.0010	<0.0010	0.0038	NA
	03/04/09	<0.25	NA	NA	0.0011	<0.0010	0.0020	0.0071	NA
	06/03/09	0.45	NA	NA	0.022	<0.0010	<0.0010	0.0027	NA
	09/22/09	0.75	NA	NA	0.063	0.0012	0.0041	0.021	NA
	11/17/09	0.43	NA	NA	0.011	<0.0010	<0.0010	0.0038	NA
	03/08/10	0.34	NA	NA	0.0059	<0.0010	0.0012	0.0051	NA
	06/09/10	<0.25	NA	NA	0.0063	<0.0010	<0.0010	0.0019	NA
	09/10/10	0.80	NA	NA	0.031	0.0017	0.0047	0.025	NA
	11/16/10	0.35	NA	NA	0.0025	<0.0010	0.0011	0.0086	NA
	03/02/11	0.34	NA	NA	0.0042	<0.0010	<0.0010	0.0019	NA
	05/25/11	0.39	NA	NA	0.0078	0.00057	<0.0005	0.0014	NA
	08/30/11	0.47	NA	NA	0.0027	0.00070	<0.0005	0.0013	NA
	<b>12/02/11</b>	<b>0.29</b>	<b>NA</b>	<b>NA</b>	<b>0.0017</b>	<b>&lt;0.0010</b>	<b>&lt;0.0010</b>	<b>&lt;0.0020</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>A-8</b>	02/14/02	<0.25	1.6	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/22/02	<0.25	0.51	<0.5	<0.0005	0.00058	<0.0005	<0.0005	NA
	08/28/02	<0.25	<0.5	<0.5	<0.0005	0.0014	<0.0005	0.00066	NA
	11/06/02	<0.25	0.43	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	NA
	02/20/03	<0.25	<0.25	<0.5	<0.0005	0.00083	<0.0005	<0.0005	NA
	06/10/03	<0.25	<0.25	<0.25	<0.0005	0.00056	<0.0005	<0.0005	NA
	09/17/03	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	11/20/03	<0.25	1.4	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	02/26/04	0.35	1.0	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/12/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	08/25/04	<0.25	4.9	<0.50	<0.001	<0.001	<0.001	<0.001	NA
	12/14/04	<0.25	1.7	<0.50	0.00056	0.00052	<0.0005	0.00094	NA
	03/10/05	<0.25	2.1	<0.50	<0.0005	<0.0005	<0.0005	0.00055	NA
	06/07/05	<0.25	1.2	1.5	<0.0005	<0.0005	<0.0005	<0.0005	NA
	09/20/05	<0.25	3.5	0.8	0.0012	<0.001	<0.001	0.0012	NA
	12/13/05	<0.25	0.54	<0.50	<0.0005	<0.0005	<0.0005	0.0011	NA
	03/15/06	<0.25	0.55	<0.50	<0.0010	<0.0010	<0.0010	0.001	NA
	06/08/06	<0.25	0.47	<0.50	<0.0010	<0.0010	<0.0010	0.001	NA
	09/12/06	<0.25	0.76	<0.50	<0.0010	<0.0010	<0.0010	0.0011	NA
	12/12/06	0.27	0.87	<0.50	<0.0010	0.0011	<0.0010	0.0015	NA
	06/19/07	<0.25	2.4	0.58	<0.0010	<0.0010	<0.0010	0.001	NA
	06/03/08	<0.30	0.46	<0.50	<0.0015	<0.0015	<0.0015	<0.0015	NA
	06/03/09	<0.25	1.6	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	NA
	06/09/10	<0.25	0.45	<0.50	0.0054	<0.0010	<0.0010	<0.0010	NA
	05/25/11	<0.25	1.2	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	NA

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
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 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>A-10</b>	02/14/02	<0.25	9.2	<0.5	<0.0005	0.00062	<0.0005	<0.0005	NA
	05/22/02	0.31	8.8	<0.5	<0.0005	0.00086	<0.0005	<0.0005	NA
	08/28/02	0.30	15	<0.5	<0.001	<0.001	<0.001	<0.001	NA
	11/06/02	0.37	13	<0.50	<0.0005	0.00057	<0.0005	<0.0005	NA
	02/20/03	<0.25	6.0	<0.5	0.0013	<0.0005	<0.0005	0.00055	NA
	06/10/03	0.45	19	<0.25	<0.001	<0.001	<0.001	<0.001	NA
	09/17/03	0.68	30	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	11/20/03	1.1	89	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	02/26/04	<0.25	35	0.74	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/12/04	<0.25	3.5	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	08/25/04	<0.25	5.1	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA*
	12/14/04	<0.25	1.1	<0.50	0.0030	<0.001	<0.001	<0.001	NA
	03/10/05	<0.25	4.6	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/07/05	0.3	68.0	2.10	0.00069	<0.0005	<0.0005	<0.0005	NA
	09/20/05	0.6	1.5	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/13/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/15/06	<0.25	1.7	<0.50	<0.0005	<0.0005	<0.0005	0.00050	NA
	06/08/06	<0.25	0.7	<0.50	<0.0005	<0.0005	<0.0005	0.00050	NA
	09/12/06	<0.25	0.65	<0.50	<0.0005	<0.0005	<0.0005	0.00050	NA
	12/12/06	<0.25	0.98	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/19/07	<0.25	1.2	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/03/09	<0.25	2.4	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/09/10	<0.25	0.56	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/25/11	<0.25	0.80	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
<b>A-12</b>	05/25/11	<0.025	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>A-14R</b>	02/14/02	<0.25	<0.25	<0.5	0.00061	0.0021	<0.0005	<0.0005	0.005*
	05/22/02	<0.25	<0.5	<0.5	0.00053	0.0021	<0.0005	0.00054	0.02*
	08/28/02	<0.25	<0.5	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	11/06/02	<0.25	<0.25	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	02/20/03	<0.25	<0.25	<0.25	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	06/10/03	<0.25	<0.25	<0.25	<0.0005	<0.0005	<0.0005	<0.0005	0.02*
	09/17/03	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.025*
	11/20/03	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.032*
	02/26/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.018*
	05/12/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	08/25/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/14/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0072*
	03/10/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/07/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/20/05	NS	NS	NS	NS	NS	NS	NS	NS
	12/13/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/15/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/08/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/12/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/12/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/19/07	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/03/08	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/03/09	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/09/10	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	05/25/11	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
<b>A-18</b>	05/25/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
<b>A-19</b>	05/25/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
<b>A-20</b>	05/25/11	2.5	NA	NA	<0.0010	<0.0010	0.037	0.013	NA

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>A-21</b>	02/14/02	<0.25	<0.25	<0.5	<0.0005	0.0010	<0.0005	<0.0005	<0.005*
	05/22/02	<0.25	<0.5	<0.5	0.00061	0.0017	<0.0005	0.00057	<0.005*
	08/29/02	<0.25	0.76	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	11/06/02	<0.25	0.37	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	02/19/03	<0.25	<0.5	<0.5	0.0013	0.0018	<0.0005	0.00061	<0.005*
	06/10/03	0.25	<0.25	<0.25	0.0082	0.00058	<0.0005	<0.0005	0.062*
	09/16/03	<0.25	<0.25	<0.50	0.0034	<0.0005	<0.0005	<0.0005	0.0085*
	11/19/03	0.47	<0.25	<0.50	0.061	0.0019	<0.0005	0.0029	0.0067*
	02/25/04	0.63	<0.50	<0.50	0.013	0.00066	0.045	0.0016	<0.0050*
	05/12/04	0.50	<0.25	<0.50	0.0019	<0.0005	0.0042	0.00072	<0.0050*
	08/25/04	0.26	<0.25	<0.50	0.0015	<0.0005	<0.0005	0.0015	<0.0050*
	12/14/04	0.99	<0.25	<0.50	0.061	0.0025	0.022	0.0083	<0.0050*
	03/10/05	1.5	0.26	<0.50	0.024	0.0021	0.0025	0.011	0.020*
	06/07/05	1.2	0.35	<0.50	0.0076	0.00084	0.00077	0.0043	<0.0050*
	09/20/05	1.3	<0.25	<0.50	0.011	0.0012	0.00066	0.0048	<0.0050*
	12/13/05	1.6	<0.25	<0.50	0.017	0.0016	0.0015	0.0052	<0.0050*
	03/15/06	0.97	<0.25	<0.50	0.0098	0.00097	0.0023	0.0033	<0.0050*
	06/08/06	0.82	<0.25	<0.50	0.0023	0.00059	<0.0005	0.0019	<0.0050*
	09/12/06	0.85	<0.25	<0.50	0.0019	<0.0005	<0.0005	0.0016	<0.0050*
	12/12/06	0.85	<0.25	<0.50	0.0071	<0.0005	0.0021	0.0014	<0.0050*
	03/27/07	0.28	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/19/07	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	09/25/07	<0.25	NA	NA	0.0040	<0.0005	<0.0005	<0.0005	NA
	12/11/07	0.51	NA	NA	0.0062	<0.0005	0.026	0.0020	NA
	03/04/08	<0.25	NA	NA	<0.0005	<0.0005	0.0051	<0.0005	NA
	06/04/08	<0.25	NA	NA	<0.0005	<0.0005	0.00075	<0.0005	<0.0050
	09/08/08	0.41	NA	NA	<0.0005	0.00074	0.0018	0.00053	NA
	12/04/08	0.96	NA	NA	<0.0010	<0.0010	0.150	<0.0010	NA
	03/04/09	0.48	NA	NA	0.0075	<0.0005	0.0068	0.021	NA
	06/02/09	0.46	NA	NA	0.0027	<0.00050	0.0023	0.0059	0.0087
	09/22/09	0.27	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	11/17/09	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/08/10	<0.25	NA	NA	0.0026	<0.0005	0.0019	0.0046	NA
	06/08/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	09/10/10	<0.25	NA	NA	<0.0010	<0.0010	<0.0010	<0.0010	NA
	11/16/10	0.82	NA	NA	<0.0010	<0.0010	0.056	0.011	NA
	03/02/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/24/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	08/30/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	<b>12/02/11</b>	<b>&lt;0.25</b>	<b>NA</b>	<b>NA</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</b>	<b>&lt;0.0010</b>	<b>NA</b>
<b>A-22R</b>	05/25/11	27	NA	NA	3.4	0.086	3.0	1.7	NA

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>A-23R</b>	02/14/02	0.26	2.1	<0.5	0.06	0.001	0.0099	0.0072	0.72* <sup>a</sup>
	05/20/02	0.74	6.9	<0.5	0.15	<0.001	0.088	0.0067	0.095* <sup>a</sup>
	08/28/02	0.62	2.1	<0.5	0.20	0.0035	0.021	0.0075	0.23*
	11/05/02	0.74	1.7	<0.5	0.22	<0.0015	0.0059	0.014	0.18*
	02/19/03	0.71	2.3	<0.5	0.26	0.0033	0.0054	0.0059	0.049*
	06/10/03	<0.25	1.8	<0.25	0.0073	<0.001	0.0028	<0.001	<0.005*
	09/16/03	0.70	1.3	<0.50	0.043	0.0029	0.057	0.0018	0.38*
	11/19/03	1.0	0.78	<0.50	0.08	0.0037	0.069	0.0035	0.13*
	02/25/04	1.6	0.78	<0.50	0.26	0.0072	0.061	0.015	0.081*
	05/12/04	0.28	0.45	<0.50	0.020	0.00075	0.0022	0.00082	<0.0050*
	08/25/04	2.3	0.35	<0.50	0.46	0.012	0.074	0.02	0.012*
	12/14/04	2.0	0.65	<0.50	0.37	0.0084	0.041	0.013	0.018*
	03/10/05	0.60	0.31	<0.50	0.035	0.0011	0.0045	0.0014	0.035*
	06/07/05	0.33	<0.25	<0.50	0.0080	<0.0005	0.0012	<0.0005	0.013*
	09/20/05	<0.25	<0.25	<0.50	0.00060	<0.0005	<0.0005	<0.0005	0.0096* <sup>a</sup>
	12/14/05	0.37	<0.25	<0.50	0.019	0.00056	0.00065	0.00058	0.032*
	03/15/06	1.1	<0.25	<0.50	0.34	0.0033	<0.0025	0.0051	<0.0050*
	06/08/06	0.34	<0.25	<0.50	0.033	<0.0005	<0.0005	0.031	0.0081*
	09/12/06	0.42	<0.25	<0.50	0.010	<0.0005	0.032	0.0013	0.035*
	12/12/06	2.1	<0.25	<0.50	0.52	0.0066	0.053	0.021	<0.0050*
	03/27/07	0.86	NA	NA	0.17	0.0019	0.0019	0.0045	NA
	06/19/07	0.44	NA	NA	0.021	0.00058	0.010	0.0013	0.0076*
	09/24/07	NS	NS	NS	NS	NS	NS	NS	NS
	12/11/07	0.79	NA	NA	0.095	0.0025	0.0050	0.0026	NA
	03/04/08	<0.25	NA	NA	0.00097	<0.0005	<0.0005	<0.0005	NA
	06/05/08	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	12/05/08	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/04/09	<0.25	NA	NA	0.00073	<0.0005	0.0022	0.013	NA
	06/02/09	<0.25	NA	NA	0.0013	<0.00050	0.0021	0.0059	<0.0050*
	09/21/09	<0.25	NA	NA	<0.00050	<0.00050	<0.00050	<0.00050	NA
	11/16/09	<0.25	NA	NA	<0.0005	<0.0005	0.001	<0.0005	NA
	03/08/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/08/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/09/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	11/16/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/01/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/24/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050***
	08/29/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	<b>12/01/11</b>	<b>&lt;0.25</b>	<b>NA</b>	<b>NA</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</b>	<b>&lt;0.0010</b>	<b>NA</b>
<b>A-25</b>	06/16/11	4.1	NA	NA	0.27	0.038	0.28	0.19	NA
<b>A-26R</b>	05/25/11	22	NA	NA	4.0	0.095	1.6	0.75	NA

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>A-27</b>	02/14/02	2.9	11	<0.5	0.13	0.014	0.096	0.25	NA
	05/22/02	3.3	8.2	<0.5	0.20	0.016	0.14	0.38	NA
	08/29/02	3.8	8.1	<0.5	0.24	0.016	0.14	0.29	NA
	11/06/02	3.2	8.0	<0.5	0.16	0.016	0.065	0.14	NA
	02/19/03	3.1	6.8	<0.5	0.17	0.017	0.052	0.13	NA
	06/10/03	3.7	4.5	<0.25	0.14	0.013	0.11	0.23	NA
	09/16/03	4.5	5.6	<0.50	0.27	0.020	0.18	0.38	NA
	11/19/03	5.9	5.3	<0.50	0.25	0.023	0.13	0.33	NA
	02/25/04	4.4	16.0	<0.50	0.15	0.016	0.18	0.30	NA
	05/11/04	4.6	5.2	<0.50	0.16	0.017	0.23	0.38	NA
	08/25/04	4.7	2.5	<0.50	0.25	0.018	0.17	0.24	NA*
	12/14/04	4.5	4.4	<0.50	0.11	0.012	0.099	0.14	NA
	03/10/05	5.8	4.7	<0.50	0.14	0.015	0.16	0.22	NA
	06/07/05	4.5	7.8	<0.50	0.17	0.014	0.24	0.34	NA
	09/20/05	6.3	2.3	<0.50	0.25	0.019	0.18	0.22	NA
	12/13/05	3.7	0.83	<0.50	0.13	0.012	0.083	0.095	NA
	03/15/06	4.4	1.3	<0.50	0.13	0.017	0.19	0.24	NA
	06/08/06	4.5	1.1	<0.50	0.19	0.016	0.23	0.28	NA
	09/12/06	3.4	0.82	<0.50	0.17	0.011	0.12	0.12	NA
	12/12/06	3.7	0.90	<0.50	0.110	0.0096	0.10	0.12	NA
	03/27/07	3.2	NA	NA	0.063	0.0078	0.047	0.050	NA
	06/19/07	2.6	NA	NA	0.073	0.0064	0.047	0.053	NA
	09/24/07	2.7	NA	NA	0.100	0.0072	0.035	0.040	NA
	12/11/07	4.7	NA	NA	0.16	0.011	0.17	0.13	NA
	03/04/08	4.0	NA	NA	0.10	0.011	0.14	0.11	NA
	06/04/08	2.5	NA	NA	0.093	0.0063	0.022	0.041	NA
	09/08/08	3.5	NA	NA	0.160	0.0091	0.067	0.047	NA
	12/04/08	3.1	NA	NA	0.130	0.0075	0.091	0.046	NA
	03/04/09	2.5	NA	NA	0.098	0.0080	0.070	0.043	NA
	06/02/09	3.1	NA	NA	0.048	0.0065	0.11	0.050	NA
	09/22/09	2.9	NA	NA	0.054	0.0064	0.099	0.037	NA
	11/16/09	3.0	NA	NA	0.035	0.0051	0.092	0.035	NA
	03/09/10	2.4	NA	NA	0.024	0.0043	0.089	0.036	NA
	06/08/10	2.5	NA	NA	0.021	0.0041	0.088	0.031	NA
	09/09/10	3.4	NA	NA	0.035	0.0054	0.12	0.034	NA
	11/16/10	2.1	NA	NA	0.014	0.0034	0.070	0.022	NA
	03/02/11	2.3	NA	NA	0.014	0.0024	0.051	0.016	NA
	05/24/11	1.7	NA	NA	0.0092	0.0017	0.023	0.0096	NA
	08/30/11	2.1	NA	NA	0.026	0.0021	0.022	0.011	NA
	<b>12/02/11</b>	<b>2.2</b>	<b>NA</b>	<b>NA</b>	<b>0.016</b>	<b>0.0026</b>	<b>0.030</b>	<b>0.0094</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>A-28R</b>	02/14/02	5.3	2.7	<0.5	0.66	0.027	0.42	0.20	0.035*
	05/22/02	3.1	6.7	<0.5	0.14	0.010	0.20	0.092	0.05*
	08/29/02	4.0	6.0	<0.5	0.15	0.019	0.23	0.078	0.032*
	11/06/02	3.4	1.8	<0.5	0.47	0.015	0.053	0.050	0.028*
	02/19/03	3.5	4.6	<0.5	0.46	0.015	0.051	0.050	0.013*
	06/10/03	3.7	2.9	<0.25	0.31	0.0081	0.085	0.051	0.064*
	09/16/03	3.8	2.0	<0.50	1.0	0.013	0.075	0.048	0.17*
	11/19/03	4.9	<0.25	<0.50	0.58	0.012	0.059	0.064	0.11*
	02/25/04	5.1	1.7	<0.50	0.63	0.0093	0.19	0.076	0.0080*
	05/12/04	6.5	2.6	<0.50	0.96	0.012	0.20	0.058	<0.0050*
	08/25/04	5.9	0.88	<0.50	2.1	0.018	0.05	0.053	0.043*
	12/14/04	7.6	3.0	<0.50	1.4	0.015	0.073	0.062	0.025*
	03/10/05	10	0.76	<0.50	1.9	0.019	0.077	0.064	0.0078*
	06/07/05	6	1.20	<0.50	2.1	0.015	0.069	0.048	0.0068*
	09/20/05	NS	NS	NS	NS	NS	NS	NS	NS
	12/13/05	5.4	<0.25	<0.50	0.93	0.011	0.033	0.036	0.012*
	03/15/06	4.6	<0.25	<0.50	0.80	0.012	0.11	0.035	<0.0050*
	06/08/06	4.2	0.49	0.73	0.87	0.013	0.07	0.035	0.019*
	09/12/06	5.2	<0.25	<0.50	1.0	0.015	0.048	0.036	0.016*
	12/12/06	4.0	0.57	<0.50	0.30	0.0095	0.027	0.028	<0.0050*
	03/27/07	5.5	NA	NA	0.71	0.014	0.062	0.022	NA
	06/19/07	5.3	NA	NA	0.59	0.018	0.058	0.041	<0.0050
	09/24/07	3.9	NA	NA	0.53	0.015	0.041	0.035	NA
	12/11/07	2.1	NA	NA	0.088	0.0044	0.013	0.015	NA
	03/04/08	3.6	NA	NA	0.27	0.0087	0.044	0.022	NA
	06/04/08	2.2	NA	NA	0.095	0.0049	0.0060	0.012	<0.0050
	12/04/08	1.4	NA	NA	0.026	0.0022	0.011	0.0075	NA
	03/04/09	1.4	NA	NA	0.120	0.0060	0.057	0.029	NA
	06/02/09	2.1	NA	NA	0.055	0.0020	0.016	0.0069	<0.0050
	09/22/09	2.3	NA	NA	0.10	0.0026	0.038	0.016	NA
	11/16/09	1.7	NA	NA	0.08	0.002	0.039	0.017	NA
	03/09/10	7.3	NA	NA	0.65	0.0079	0.32	0.092	NA
	06/08/10	2.2	NA	NA	0.14	0.0018	0.045	0.013	<0.0050
	09/10/10	2.4	NA	NA	0.12	0.0020	0.041	0.011	NA
	11/16/10	1.8	NA	NA	0.077	0.0017	0.047	0.013	NA
	03/02/11	2.8	NA	NA	0.15	0.0029	0.083	0.016	NA
	05/24/11	3.5	NA	NA	0.21	0.0029	0.091	0.015	<0.0050
	08/30/11	3.7	NA	NA	0.14	0.0026	0.061	0.011	NA
	<b>12/02/11</b>	<b>3.6</b>	<b>NA</b>	<b>NA</b>	<b>0.074</b>	<b>0.0022</b>	<b>0.056</b>	<b>0.0092</b>	<b>NA</b>
<b>A-29R</b>	05/25/11	5.6	NA	NA	2.3	0.018	<0.015	0.024	NA

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>SH-02</b>	12/20/00	0.078	<0.25	<0.5	0.001	<0.001	<0.001	<0.003	0.015**
<b>SH-02R</b>	02/13/02	<0.25	0.56	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	05/21/02	<0.25	2.4	<0.5	0.037	<0.0005	<0.0005	<0.0005	0.005*
	08/28/02	<0.25	4.3	<0.5	0.087	0.0038	0.00061	0.0023	0.006*
	11/05/02	<0.25	1.1	<0.5	0.016	<0.0005	<0.0005	<0.0005	0.005*
	02/19/03	<0.25	<0.5	<0.5	<0.0005	0.00086	<0.0005	<0.0005	<0.005*
	06/10/03	<0.25	0.97	<0.25	<0.0005	0.00051	<0.0005	<0.0005	0.0059*
	09/16/03	<0.25	3.0	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.010*
	11/19/03	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	02/25/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	05/12/04	<0.25	0.74	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	08/26/04	<0.25	0.58	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/15/04	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/09/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/08/05	<0.25	0.31	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/21/05	<0.25	0.58	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/14/05	<0.25	0.30	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0078*
	03/14/06	<0.25	0.30	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0072*
	06/07/06	<0.25	0.59	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050*
	09/13/06	<0.25	<0.25	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050*
	12/13/06	<0.25	0.49	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/20/07	<0.25	0.77	<0.50	<0.0010	<0.0010	<0.0010	0.0016	<0.0050
	06/05/08	<0.25	0.28	<0.50	<0.0005	<0.0005	<0.0005	0.00073	<0.0050
	06/01/09	<0.25	0.37	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/08/10	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	05/23/11	<0.25	0.29	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>SH-05</b>	12/20/00	<0.05	1.0	<0.5	<0.001	<0.001	<0.003	<0.001	0.017**
<b>SH-05R</b>	05/21/02	0.71	11	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	08/28/02	0.77	10	<0.5	<0.0005	0.0015	<0.0005	<0.0005	0.006*
	11/05/02	1.4	7.1	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	0.008*
	02/19/03	0.8	6.8	<0.5	<0.001	0.0016	<0.001	<0.001	<0.005*
	06/10/03	1.1	45	<0.25	<0.0005	<0.0005	<0.0005	<0.0005	0.04*
	09/16/03	<0.25	23	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.074*
	11/19/03	0.62	19	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.075*
	02/25/04	<0.25	5.3	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	05/12/04	0.43	4.3	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	08/26/04	0.63	3.0	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	12/15/04	0.30	10	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0056*
	03/09/05	0.78	4.3	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/08/05	0.32	4.0	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/21/05	0.61	2.8	1.0	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/14/05	0.78	1.3	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/14/06	<0.25	1.4	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0074*
	06/07/06	<0.25	1.4	<0.50	<0.001	<0.001	<0.001	<0.001	<0.0050*
	09/13/06	0.34	0.56	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/13/06	<0.50	1.9	<0.50	<0.0025	<0.0025	<0.0025	<0.0025	<0.0050*
	06/20/07	0.59	1.8	<0.50	<0.0005	0.00058	<0.0005	<0.0005	<0.0050
	06/05/08	<0.25	1.7	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050
	06/01/09	0.36	0.99	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/08/10	<0.25	0.28	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	05/23/11	<0.25	1.4	<0.50	<0.0025	<0.0025	<0.0025	<0.0025	<0.0050

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
<b>MW-07R</b>	02/13/02	<0.25	1.2	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	0.035*
	05/21/02	<0.25	2.1	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	0.005*
	08/28/02	<0.25	2.4	<0.5	<0.0005	0.0028	<0.0005	0.0012	0.006*
	11/05/02	<0.25	3.7	<0.5	<0.0005	<0.0005	<0.0005	<0.0005	<0.005*
	02/19/03	NS	NS	NS	NS	NS	NS	NS	NS
	06/10/03	NS	NS	NS	NS	NS	NS	NS	NS
	09/16/03	<0.25	1.9	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.045*
	11/19/03	<0.25	2.1	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.020*
	02/25/04	<0.25	<0.50	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	05/12/04	<0.25	0.48	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	08/26/04	<0.25	0.42	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA*
	12/15/04	<0.25	0.85	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0076*
	03/09/05	<0.25	0.54	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/08/05	<0.25	0.46	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/21/05	<0.25	0.70	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	12/14/05	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	03/14/06	<0.25	0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/07/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	09/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	0.0065
	12/13/06	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050*
	06/20/07	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/05/08	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/01/09	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	06/08/10	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	05/23/11	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
<b>TMW-B1</b>	10/29/09	5.7	<0.25	<0.50	0.12	0.0070	0.058	0.15	NA
	06/09/10	NA	NA	NA	NA	NA	NA	NA	NA
	05/25/11	9.1	NA	NA	0.024	<0.0050	0.24	0.56	NA
	<b>12/02/11</b>	<b>6.6</b>	<b>NA</b>	<b>NA</b>	<b>0.091</b>	<b>&lt;0.0050</b>	<b>0.15</b>	<b>0.26</b>	<b>NA</b>

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	TPH-Gasoline (mg/L)	TPH-Diesel (mg/L)	TPH-Oil (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
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**Notes:**

< = Denotes compound was not detected at designated detection limit.

NA = Not analyzed for this parameter

NS = Not sampled

^ = DUP-1 is a duplicate sample for MW-3; DUP-2 is a duplicate sample for A-23R.

\* = Also tested for Dissolved Lead (EPA-200.8), results are below detection limit of 0.0050 ppm.

\*<sup>a</sup> = Also tested for Dissolved Lead (EPA-200.8), results are at or above detection limit of 0.0050 ppm.

\*\* = Also tested for Dissolved Lead (EPA-7421), results are below detection limit of 0.004 ppm.

\*\*\* = Also tested for Dissolved Lead (EPA-SW6020), results are below detection limit of 0.0050 ppm.

<sup>a</sup> = Insulating oil range hydrocarbons were reported for MW-22 at concentration of 0.87 ppm.

TPH as gasoline - Analysis by Washington Method WTPH-G prior to 5/20/98; analysis by Northwest Method NWTPH-Gx from 5/20/98 through present.

TPH as diesel and oil - Analysis by Washington Method WTPH-D+ extended prior to 5/20/98; analysis by Northwest Method NWTPH-Dx from 5/20/98 through present.

BTEX Compounds - Analysis by EPA Method 8020 prior to 5/20/98; analysis by EPA Method 8021B from 5/20/98 through present.

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-1</b>	02/13/02	0.7	4.2	35	<0.25	30	<0.1
	05/21/02	3.9	6.8	48	<0.25	31	<0.1
	08/28/02	3.2	4.0	12	<0.25	1.2	0.2
	11/05/02	1.9	3.6	85	<0.25	0.99	1.3
	02/19/03	3.6	4.9	16	<0.25	11.00	0.1
	06/10/03	1.3	7.6	28	<0.25	6.4	<0.1
	09/16/03	2.4	5.6	25	<0.25 <sup>b</sup>	5.2	<0.1
	11/19/03	1.9	3.8	15	<0.25 <sup>b</sup>	0.50	<0.1
	02/25/04	2.2	2.6	21	<0.25 <sup>b</sup>	17	0.2
	05/11/04	1.8	1.6	27	<0.25	11	<0.10
	08/25/04	2.38	1.6	18	<0.25	2.8	<0.10
	12/15/04	3.20	1.4	4.3	0.72	26	<0.10
	03/09/05	3.40	1.5	19	<0.25	9.8	<0.10
	06/08/05	3.00	0.8	11	<0.25	15.0	<0.2
	09/21/05	3.50	0.7	51	<0.25	52	<0.10
	12/14/05	2.20	1.1	18	<0.25	21	<0.10
	03/14/06	1.1	0.16	20	<0.25	21	<0.10
	06/07/06	1.8	0.14	23	<0.25	86	<0.10
	09/13/06	2.2	2.5	24	<0.25	15	<0.10
	12/13/06	2.6	0.22	6.6	1	49	<0.10
	06/20/07	3.4	NA	NA	NA	NA	NA
	03/04/08	1.2	NA	NA	NA	26	NA
	06/05/08	2.7	NA	NA	<0.25	41	NA
	06/02/09	0.68	NA	NA	NA	NA	NA
	06/08/10	0.00	NA	NA	NA	NA	NA
	05/24/11	0.12	NA	NA	NA	NA	<0.0050

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-2</b>	02/13/02	0.4	<0.01	0.6	0.45	15	0.1
	05/21/02	3.1	<0.01	0.9	<0.25	12	<0.1
	08/29/02	2.1	0.69	1.6	<0.25	9.8	<0.1
	11/05/02	1.9	1.2	5.1	<0.25	9.6	<0.1
	02/19/03	2.1	0.031	1.6	<0.25	55.0	<0.1
	06/10/03	1.4	0.059	1.6	<0.25	25	0.3
	09/16/03	1.4	1.1	12	<0.25 <sup>b</sup>	21	0.6
	11/19/03	6.4	0.13	0.4	<0.25 <sup>b</sup>	8.3	<0.1
	02/25/04	4.3	0.079	0.75	0.67 <sup>b</sup>	17	0.2
	05/11/04	2.7	0.24	0.18	0.64	25	<0.10
	08/25/04	2.02	0.11	0.063	<0.25	21	<0.10
	12/14/04	2.72	0.093	<0.050	<0.25	11	<0.10
	03/10/05	1.00	0.230	0.320	0.34	31	<0.10
	06/07/05	1.00	0.440	0.059	0.26	21	<0.2
	09/20/05	1.70	0.033	<0.050	<0.25	25	<0.10
	12/13/05	3.00	0.710	1.600	<0.25	5	<0.10
	03/15/06	1.8	<0.010	<0.050	0.54	17	<0.10
	06/08/06	1.2	0.013	<0.050	0.35	10	<0.10
	09/12/06	1.5	0.49	<0.050	<0.25	13	<0.10
	12/12/06	1.2	0.018	0.068	0.91	14	<0.10
	06/19/07	1.8	NA	NA	NA	NA	NA
	03/04/08	3.2	NA	NA	NA	19	NA
	06/04/08	1.9	NA	NA	0.97	12	NA
	06/02/09	4.27	NA	NA	NA	NA	NA
	06/08/10	1.71	NA	NA	NA	NA	NA
	06/08/10	3.30	NA	NA	NA	NA	<0.0050

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-3</b>	02/13/02	0.3	0.03	0.4	2.5	16	0.1
	05/20/02	4.1	0.96	3.5	<0.25	29	0.1
	08/28/02	2.6	4.6	11	<0.25	19	0.2
	11/06/02	2.9	0.88	0.8	<0.25	9.2	0.2
	02/19/03	8.6	0.02	0.2	6.10	84.0	0.2
	06/11/03	6.54	0.022	0.4	8.5	130	0.2
	09/17/03	6.5	0.028	0.8	8.2	160	<0.1
	11/20/03	7.8	<0.01	<0.2	17.0	66	0.2
	02/25/04	2.8	<0.01	<0.050	6.7	35	0.2
	05/11/04	8.4	<0.010	<0.050	7.7	59	<0.10
	08/25/04	1.80	<0.010	<0.050	7	66	<0.10
	12/15/04	7.60	0.059	<0.050	6.5	50	<0.10
	03/09/05	4.43	1.8	<0.050	3.5	51	<0.10
	06/08/05	1.98	3.3	<0.050	4.2	37	<0.2
	09/21/05	2.90	4.3	0.1	3.4	47	<0.10
	12/14/05	1.8	0.8	<0.050	1.6	72	<0.10
	03/14/06	3.1	0.23	<0.050	7.5	22	<0.10
	06/07/06	1.8	0.30	<0.050	4.6	21	<0.10
	09/13/06	2.6	2.4	<0.050	0.4	30	<0.10
	12/13/06	0.8	0.25	0.064	2.8	28	<0.10
	06/20/07	2.2	NA	NA	NA	NA	NA
	06/05/08	2.0	NA	NA	3.4	15	NA
	06/02/09	4.8	NA	NA	NA	NA	NA
	06/09/10	3.24	NA	NA	NA	NA	NA
	05/23/11	5.29	NA	NA	NA	NA	<0.0050

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-4</b>	02/14/02	0.6	5.8	32	<0.25	3.1	0.7
	05/21/02	3.9	1.9	23	<0.25	1.6	0.5
	08/28/02	1.0	5.1	86	<0.25	2.9	NA**
	11/05/02	NS	NS	NS	NS	NS	NS
	02/19/03	2.0	1.8	120	<0.25	270	NA**
	06/10/03	0.9	4.9	36	<0.25	8.4	0.6
	09/16/03	NS	NS	NS	NS	NS	NS
	11/19/03	1.4	1.9	31	0.25 <sup>b</sup>	49	0.6
	02/25/04	2.2	1.2	32	<0.25 <sup>b</sup>	1.0	0.3
	05/12/04	0.89	4.9	37	<0.25	5.3	<0.10
	08/26/04	2.32	1.4	26	<0.25	6.4	0.42
	12/15/04	NS	NS	NS	NS	NS	NS
	03/09/05	1.37	1.0	31	<0.25	110.0	0.33
	06/08/05	1.50	1.6	46	<0.25	11.0	0.5
	09/21/05	1.30	7.0	54	<0.25	0.5	23
	12/14/05	2.4	6.6	19	<0.25	33	0.38
	03/14/06	2.4	4.2	11	<0.25	1.9	0.53
	06/07/06	3.2	7.1	8.3	<0.25	<0.50	0.54
	09/13/06	2.8	7.6	15	<0.25	<0.50	0.85
	12/13/06	2.9	2.3	8.7	<0.25	31	<0.10
	06/20/07	1.8	NA	NA	NA	NA	NA
	06/05/08	2.6	NA	NA	NA	NA	NA
	06/02/09	0.26	NA	NA	NA	NA	NA
	06/08/10	0.00	NA	NA	NA	NA	NA
	05/24/11	0.25	NA	NA	NA	NA	NA

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-5</b>	02/13/02	2.7	<0.01	<0.1	<0.25	12	0.2
	05/21/02	3.8	<0.01	0.2	<0.25	7.4	0.1
	08/29/02	1.4	0.17	0.3	<0.25	11	0.2
	11/05/02	4.1	6.4	13	1.1	250	0.3
	02/20/03	2.0	0.073	<0.2	<0.25	6.2	<0.1
	06/11/03	1.6	2.5	0.6	<0.25	8.2	0.1
	09/16/03	1.2	4.7	3.1	<0.25 <sup>b</sup>	5.6	0.1
	11/20/03	4.9	<0.01	0.3	<0.25 <sup>a</sup>	4.7	0.2
	02/24/04	3.1	0.33	0.062	<0.25 <sup>b</sup>	5.8	0.1
	05/11/04	1.9	0.61	1.5	0.27	3.0	<0.10
	08/26/04	1.22	<0.010	<0.050	1.8	7.6	<0.10
	12/15/04	12.19	<0.010	<0.050	0.27	4.3	<0.10
	03/09/05	6.22	0.020	<0.050	<0.25	15	<0.10
	06/08/05	2.50	<0.010	<0.050	<0.25	11	<0.2
	09/21/05	1.90	0.080	0.1	<0.25	9	<0.10
	12/14/05	2.2	<0.010	<0.050	<0.25	9.8	NA* <sup>a</sup>
	03/14/06	2.2	<0.010	<0.050	0.55	3.2	<0.10
	06/07/06	2.0	<0.010	<0.050	1.1	4.5	<0.10
	09/13/06	2.1	0.34	<0.050	<0.25	6.6	<0.10
	12/13/06	2.3	<0.010	<0.050	0.30	3.8	<0.10
	06/20/07	NS	NS	NS	NS	NS	NS
	06/04/08	2.4	NA	NA	NA	NA	NA
	06/02/09	4.3	NA	NA	NA	NA	NA
	06/08/10	1.84	NA	NA	NA	NA	NA
	05/24/11	5.26	NA	NA	NA	NA	NA

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-6</b>	02/13/02	2.5	2.6	2.4	<0.25	26	0.2
	05/22/02	4.6	1.2	6.0	<0.25	22	0.1
	08/29/02	1.2	0.72	4.1	<0.25	11	0.1
	11/05/02	1.7	1.7	10	<0.25	5.6	0.7
	02/19/03	3.3	1.2	7.3	<0.25	62	0.1
	06/10/03	2.0	0.87	5.9	<0.25	17	0.2
	09/16/03	2.3	1.6	41	<0.25 <sup>b</sup>	2.9	1.0
	11/19/03	5.1	1.7	5.4	<0.25 <sup>b</sup>	19	<0.1
	02/25/04	2.4	<0.01	0.49	2.8 <sup>b</sup>	24	<0.1
	05/11/04	1.2	0.39	5.1	<0.25	12	<0.10
	08/25/04	2.26	0.59	4.9	<0.25	8.7	0.18
	12/14/04	1.45	2.8	2.5	<0.25	9.9	<0.10
	03/10/05	0.70	0.9	1.9	<0.25	20.0	0.15
	06/07/05	3.80	0.4	0.9	0.56	19.0	0.2
	09/20/05	0.90	1.5	2.5	<0.25	6.0	0.18
	12/13/05	1.0	1.9	2.6	<0.25	10	0.26
	03/15/06	1.0	0.057	0.30	<0.25	17	<0.10
	06/08/06	1.9	0.22	5.9	<0.25	7.3	0.39
	09/12/06	1.6	0.98	2.5	<0.25	3.1	0.33
	12/12/06	2.0	0.032	1.6	0.91	49	<0.10
	03/27/07	2.3	NA	NA	NA	NA	NA
	06/19/07	1.4	0.4	4.4	<0.25	15	0.21
	09/24/07	3.4	NA	NA	NA	NA	NA
	12/11/07	3.2	NA	NA	NA	NA	NA
	03/04/08	1.5	NA	NA	NA	NA	NA
	06/04/08	2.9	0.38	0.70	<0.25	11	0.13
	09/08/08	0.89	NA	NA	NA	NA	NA
	12/04/08	0.33	NA	NA	NA	NA	NA
	03/04/09	0.57	NA	NA	NA	NA	NA
	06/02/09	1.37	0.096	0.30	3.3	24	<0.10
	09/21/09	0.28	NA	NA	NA	NA	NA
	11/17/09	0.46	NA	NA	NA	NA	NA
	03/09/10	1.33	NA	NA	NA	NA	NA
	06/08/10	0.08	0.036	0.22	0.41	11	<0.10
	09/09/10	0.40	NA	NA	NA	4.8	NA
	11/15/10	0.42	NA	NA	NA	NA	NA
	03/02/11	1.20	NA	NA	NA	NA	NA
	05/23/11	1.86	<0.010	<0.050	0.68	10	<0.10
	08/30/11	0.32	NA	NA	NA	NA	NA
	<b>12/02/11</b>	<b>0.90</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-7</b>	02/14/02	0.1	13	17	<0.25	2.2	0.2
	05/21/02	3.1	15	13	<0.25	1.1	0.3
	08/29/02	1.4	14	9.8	<0.25	20	0.4
	11/05/02	3.0	14	8.9	<0.25	7.0	0.5
	02/20/03	2.5	13	13	<0.25	21	1.1
	06/11/03	2.0	17	12	<0.25	1.1	0.5
	09/17/03	1.1	14	2.7	<0.25 <sup>a</sup>	3.0	1.1
	11/20/03	2.4	0.98	0.9	1.3 <sup>a</sup>	19	<0.1
	02/26/04	6.2	18	27	<0.25 <sup>b</sup>	59	0.9
	05/11/04	1.0	14	16	<0.25	12	0.15
	08/26/04	3.80	15	13	<0.25	9.2	0.47
	12/15/04	1.30	10	20	3.2	68	0.19
	03/09/05	1.45	18	9	<0.25	5	0.45
	06/08/05	10.50	17	9	<0.25	1	0.4
	09/21/05	NS	NS	NS	NS	NS	NS
	12/14/05	1.7	22	19	<0.25	75	0.16
	03/14/06	1.7	18	9.7	<0.25	19	0.36
	06/07/06	1.6	19	2.7	<0.25	17	0.43
	09/13/06	2.0	17	1.8	<0.25	2.1	0.17
	12/13/06	NS	NS	NS	NS	NS	NS
	03/27/07	1.9	NA	NS	NS	NS	NS
	06/20/07	1.0	23	2.9	<0.25	8.3	0.45
	09/24/07	2.6	NA	NA	NA	NA	NA
	12/11/07	3.2	NA	NA	NA	NA	NA
	03/04/08	1.3	NA	NA	NA	13	NA
	06/04/08	1.3	19	0.15	<0.25	2.3	0.63
	09/08/08	0.73	NA	NA	NA	NA	NA
	12/05/08	0.40	NA	NA	NA	NA	NA
	03/04/09	0.70	NA	NA	NA	NA	NA
	06/02/09	0.37	25	2.8	<0.25	21	0.42
	09/22/09	0.54	NA	NA	NA	NA	NA
	11/17/09	0.64	NA	NA	NA	NA	NA
	03/09/10	0.18	NA	NA	NA	NA	NA
	06/09/10	0.00	27	1.1	1.6	1.6	0.44
	09/09/10	0.25	NA	NA	<0.25	3.6	NA
	11/15/10	0.47	NA	NA	NA	NA	NA
	03/01/11	0.00	NA	NA	NA	NA	NA
	05/24/11	0.00	3.5	1.8	0.46	5.1	0.55
	08/29/11	0.44	NA	NA	NA	NA	NA
	<b>12/01/11</b>	<b>0.42</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-8</b>	02/14/02	2.5	0.24	0.2	0.42	5.5	0.2
	08/29/02	6.2	0.90	2.3	<0.25	3.7	0.2
	11/05/02	2.10	5.5	3.4	<0.25	8	0.1
	02/20/03	2.9	0.56	0.5	0.69	7.6	0.3
	06/11/03	1.56	18	0.3	<0.25	<0.25	0.4
	09/17/03	2.5	11	6.1	<0.25 <sup>a</sup>	6.7	0.4
	11/20/03	1.7	<0.010	<0.2	2.4 <sup>a</sup>	11	0.1
	02/26/04	2.3	<0.01	0.57	1.2 <sup>b</sup>	4.4	0.2
	05/11/04	3.1	0.19	0.12	<0.25	5.3	<0.10
	08/26/04	3.32	0.36	<0.050	2.2	11	<0.10
	12/15/04	2.30	<0.010	<0.050	5.8	15	<0.10
	03/09/05	2.22	<0.010	<0.050	1.2	7	<0.10
	06/08/05	6.50	0.02	<0.050	2.3	7	<0.2
	09/21/05	2.10	4.40	0.51	<0.25	11	<0.10
	12/14/05	2.5	4.0	<0.050	2.2	11	<0.10
	03/14/06	2.5	<0.010	<0.050	1.6	6.4	<0.10
	06/07/06	1.3	0.53	<0.050	1.1	6.0	<0.10
	09/13/06	1.6	7.1	0.068	<0.25	5.0	<0.10
	12/13/06	3.1	<0.010	<0.050	7.3	41	<0.10
	06/20/07	2.2	NA	NA	NA	NA	NA
	06/04/08	2.5	NA	NA	NA	NA	NA
	06/02/09	1.52	NA	NA	NA	NA	NA
	06/09/10	1.55	NA	NA	NA	NA	NA
	05/23/11	0.85	NA	NA	NA	NA	NA

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-9</b>	06/11/03	2.1	6.6	15	<0.25	2.0	0.7
	09/17/03	2.1	9.8	19	<0.25 <sup>a</sup>	1.5	0.7
	11/20/03	1.6	2.2	14	<0.25 <sup>a</sup>	66	0.3
	02/26/04	1.1	15	12	<0.25 <sup>b</sup>	8.1	0.8
	05/11/04	0.9	4.1	0.25	<0.25	0.62	0.12
	08/26/04	1.80	8.2	15	<0.25	1.0	0.41
	12/15/04	1.76	5.3	29	10	180	<0.10
	03/09/05	4.70	4.3	7	<0.25	4	0.30
	06/08/05	4.50	6.5	8	<0.25	6	0.3
	09/21/05	1.70	11.0	14	<0.25	2	0.21
	12/14/05	3.3	10	9.1	<0.25	17	0.11
	03/14/06	3.3	12	3.4	<0.25	1.4	0.51
	06/07/06	0.9	4.6	5.6	<0.25	0.94	0.13
	09/13/06	1.9	7.4	7.5	<0.25	<0.50	<0.10
	12/13/06	2.4	0.72	3.6	0.27	12	0.19
	03/27/07	2.9	NA	NA	NA	NA	NA
	06/20/07	2.9	3.5	6.0	<0.25	<0.50	0.42
	09/24/07	2.5	NA	NA	NA	NA	NA
	12/11/07	1.8	NA	NA	NA	NA	NA
	03/04/08	1.5	NA	NA	NA	NA	NA
	06/04/08	1.8	3.5	7.9	<0.25	0.80	0.40
	09/08/08	1.25	NA	NA	NA	NA	NA
	12/05/08	0.47	NA	NA	NA	NA	NA
	03/04/09	0.32	NA	NA	NA	NA	NA
	06/02/09	0.51	0.57	1.5	<0.25	10	<0.10
	09/22/09	1.16	NA	NA	NA	NA	NA
	11/17/09	0.48	NA	NA	NA	NA	NA
	03/09/10	0.48	NA	NA	NA	NA	NA
	06/09/10	0.00	7.5	2.9	<0.25	4.8	0.49
	09/09/10	0.37	NA	NA	NA	2.0	NA
	11/15/10	0.39	NA	NA	NA	NA	NA
	03/01/11	0.00	NA	NA	NA	NA	NA
	05/24/11	0.00	18	<0.050	<0.25	3.6	<0.10
	08/29/11	0.27	NA	NA	NA	NA	NA
	<b>12/01/11</b>	<b>0.66</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>MW-12R</b>	06/01/09	0.36	NA	NA	NA	NA	NA
	06/08/10	0.19	NA	NA	NA	NA	NA
	05/23/11	0.55	NA	NA	NA	NA	<0.0050
<b>MW-13R</b>	06/01/09	0.49	NA	NA	NA	NA	NA
	06/08/10	0.00	NA	NA	NA	NA	NA
	05/23/11	0.18	NA	NA	NA	NA	<0.0050

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-14</b>	02/13/02	1.40	2.8	22	<0.25	21	0.3
	05/21/02	4.0	6.2	22	<0.25	11	0.6
	08/29/02	2.2	5.9	20	<0.25	52	0.7
	11/05/02	2.4	11	23	<0.25	39	0.8
	02/20/03	1.9	3.5	20	<0.25	35	0.8
	06/11/03	1.5	2.9	19	<0.25	4.3	0.4
	09/16/03	1.3	0.86	15	<0.25 <sup>b</sup>	0.89	0.5
	11/20/03	3.7	0.57	4.9	0.57 <sup>a</sup>	31	<0.1
	02/24/04	4.3	2.4	19	<0.25 <sup>b</sup>	0.6	0.6
	05/11/04	0.1	2.3	19	<0.25	<0.50	<0.10
	08/26/04	1.01	2.9	13	<0.25	47	0.38
	12/15/04	2.88	4.5	0.13	4.8	110	<0.10
	03/09/05	2.99	6.8	12	0.6	41	0.30
	06/08/05	2.00	4.3	15	<0.25	18	0.4
	09/21/05	2.00	7.6	19	<0.25	8	0.36
	12/14/05	2.1	8.9	9.5	<0.25	21	<0.10
	03/14/06	2.1	1.5	7.9	<0.25	33	0.12
	06/07/06	1.5	1.5	11	<0.25	16	1.1
	09/13/06	1.8	6.8	14	<0.25	1.7	0.22
	12/13/06	2.2	2.2	5.8	0.36	25	<0.10
	03/27/07	2.7	NA	NA	NA	NA	NA
	06/20/07	3.4	2.9	7.5	<0.25	4.9	0.79
	09/24/07	3.1	NA	NA	NA	NA	NA
	12/11/07	1.8	NA	NA	NA	NA	NA
	03/04/08	1.1	NA	NA	NA	NA	NA
	06/04/08	2.7	2.0	3.4	<0.25	8.9	0.58
	09/08/08	0.69	NA	NA	NA	NA	NA
	12/05/08	0.45	NA	NA	NA	NA	NA
	03/04/09	0.81	NA	NA	NA	NA	NA
	06/02/09	0.89	0.15	0.12	2.5	34	<0.10
	09/21/09	0.92	NA	NA	NA	NA	NA
	11/17/09	1.01	NA	NA	NA	NA	NA
	03/08/10	0.32	NA	NA	NA	NA	NA
	06/08/10	0.25	0.72	0.18	<0.25	8.5	<0.10
	09/10/10	0.32	NA	NA	NA	NA	NA
	11/15/10	0.35	NA	NA	NA	NA	NA
	03/01/11	0.02	NA	NA	<b>NA</b>	NA	NA
	05/24/11	0.00	0.18	0.10	<0.25	14	<0.10
	08/29/11	0.19	NA	NA	NA	NA	NA
	<b>12/01/11</b>	<b>0.31</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-16</b>	06/02/09	1.48	NA	NA	NA	NA	NA
	06/09/10	1.11	NA	NA	NA	NA	NA
	05/23/11	1.34	NA	NA	NA	NA	NA
<b>MW-18</b>	03/27/07	3.2	NA	NA	NA	NA	NA
	09/24/07	3.2	NA	NA	NA	NA	NA
	12/11/07	3.4	NA	NA	NA	NA	NA
	03/04/08	1.5	NA	NA	NA	NA	NA
	06/04/08	3.1	NA	NA	NA	NA	NA
	09/08/08	1.26	NA	NA	NA	NA	NA
	12/04/08	0.21	NA	NA	NA	NA	NA
	03/04/09	0.94	NA	NA	NA	NA	NA
	06/02/09	0.47	NA	NA	NA	NA	NA
	09/22/09	0.63	NA	NA	NA	NA	NA
	11/17/09	8.07	NA	NA	NA	NA	NA
	03/09/10	0.90	NA	NA	NA	NA	NA
	06/08/10	0.00	NA	NA	NA	NA	NA
	09/10/10	3.84	NA	NA	NA	NA	NA
	11/16/10	0.59	NA	NA	NA	NA	NA
	03/02/11	0.03	NA	NA	NA	NA	NA
	05/23/11	0.00	NA	NA	NA	NA	NA
	08/30/11	0.28	NA	NA	NA	NA	NA
	<b>12/02/11</b>	<b>0.57</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-19</b>	02/13/02	3.5	13	22	<0.25	0.43	0.6
	05/21/02	3.2	15	13	<0.25	0.39	0.5
	08/29/02	0.9	13	19	<0.25	<0.25	0.6
	11/05/02	2.7	10	19	<0.25	<0.25	0.4
	02/20/03	3.2	13	43	<0.25	23	0.5
	06/11/03	0.5	16	37	<0.25	11	0.4
	09/16/03	1.4	18	30	<0.25 <sup>b</sup>	5.2	0.7
	11/20/03	4.8	18	49	<0.25 <sup>a</sup>	10	0.5
	02/24/04	2.1	20	39	<0.25 <sup>b</sup>	1.8	0.6
	05/11/04	0.6	17	30	<0.25	0.98	0.24
	08/26/04	2.83	15	15	<0.25	<0.50	0.20
	12/15/04	3.89	21	44	<0.25	31	0.22
	03/09/05	3.42	22	25	<0.25	5.3	0.26
	06/08/05	0.89	15	18	<0.25	12.0	0.6
	09/20/05	NS	NS	NS	NS	NS	NS
	12/14/05	NS	NS	NS	NS	NS	NS
	03/14/06	NS	NS	NS	NS	NS	NS
	06/07/06	1.7	18	7.9	<0.25	<0.50	0.55
	09/13/06	2.1	19	10	<0.25	<0.50	1.3
	12/13/06	3.9	19	30	<0.25	16	0.43
	03/27/07	2.5	NA	NA	NA	NA	NA
	06/20/07	1.9	23	9.3	<0.25	<0.50	0.19
	09/24/07	3.7	NA	NA	NA	NA	NA
	12/11/07	2.1	NA	NA	NA	NA	NA
	03/04/08	1.9	NA	NA	NA	NA	NA
	06/04/08	3.4	21	7.0	<0.25	0.86	0.46
	09/08/08	1.02	NA	NA	NA	NA	NA
	12/05/08	0.27	NA	NA	NA	NA	NA
	03/04/09	0.52	NA	NA	NA	NA	NA
	06/02/09	0.37	28	6.3	<0.25	<0.50	0.18
	09/21/09	0.35	NA	NA	NA	NA	NA
	11/17/09	0.86	NA	NA	NA	NA	NA
	03/08/10	0.69	NA	NA	NA	NA	NA
	06/08/10	0.00	27	10	<0.25	<0.50	<0.10
	09/09/10	0.41	NA	NA	<0.25	39	NA
	11/15/10	0.35	NA	NA	NA	NA	NA
	03/01/11	0.00	NA	NA	NA	NA	NA
	05/24/11	0.69	28	1.7	<0.25	3.8	0.11
	08/29/11	0.21	NA	NA	NA	NA	NA
	<b>12/01/11</b>	<b>0.41</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-20</b>	02/13/02	0.4	8	6.6	0.25	9.7	<0.1
	05/20/02	2.3	16	4.1	<0.25	7.7	0.1
	08/29/02	2.6	12	5.4	<0.25	7.9	0.3
	11/06/02	5.7	0.10	4.2	<0.25	610	0.3
	06/11/03	15	<0.01	7.3	<0.25	2,200	0.2
	09/17/03	14	<0.010	2.0	<0.25 <sup>a</sup>	1,800	0.5
	11/20/03	13.0	0.15	1.7	<0.25 <sup>a</sup>	1,900	<0.1
	02/25/04	14.0	0.026	0.34	<0.25 <sup>b</sup>	2,100	NA**
	05/11/04	7.5	0.048	0.29	<0.25	2,100	<0.10
	08/26/04	2.00	16	140	<0.25	970	<0.10
	12/15/04	3.34	0.71	27	<0.25	550	0.28
	03/09/05	2.82	0.25	18	<0.25	470	<0.10
	06/08/05	2.50	10.00	18	<0.25	480	0.2
	12/14/05	3.2	0.28	15	<0.25	250	0.21
	03/14/06	3.2	0.98	5.5	<0.25	56	<0.10
	06/07/06	1.0	15	7.4	<0.25	68	<0.10
	09/13/06	2.5	23	17	<0.25	110	<0.10
	12/13/06	2.3	3.3	2.3	<0.25	69	<0.10
	06/20/07	4.1	NA	NA	NA	NA	NA
	06/05/08	2.3	NA	NA	NA	NA	NA
	06/02/09	0.40	NA	NA	NA	NA	NA
	06/09/10	0.00	NA	NA	NA	NA	NA
	05/23/11	0.00	NA	NA	NA	NA	NA

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Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-21</b>	02/19/03	6.9	0.061	1.9	<0.25	1400	<0.1
	06/10/03	NS	NS	NS	NS	NS	NS
	09/17/03	NS	NS	NS	NS	NS	NS
	11/20/03	0.9	0.013	2.8	<0.25 <sup>a</sup>	17	0.5
	02/26/04	1.0	12	17	<0.25 <sup>b</sup>	12	0.9
	05/11/04	1.8	4.7	12	<0.25	0.92	<0.10
	08/26/04	2.80	2.0	1.8	<0.25	<0.50	0.13
	12/15/04	NS	NS	NS	NS	NS	NS
	03/09/05	0.99	4.3	9.8	<0.25	<0.50	<0.10
	06/08/05	3.50	1.8	11.0	<0.25	1.20	0.5
	09/21/05	2.40	15.0	7.2	<0.25	<0.50	0.14
	12/14/05	1.2	18	0.19	<0.25	5.3	0.18
	03/14/06	1.2	<0.010	0.10	<0.25	3.2	<0.10
	06/07/06	1.2	1.7	9.9	<0.25	2.3	0.37
	09/13/06	NS	NS	NS	NS	NS	NS
	12/13/06	NS	NS	NS	NS	NS	NS
	03/27/07	0.9	NA	NA	NA	NA	NA
	06/20/07	2.1	9.1	4.2	<0.25	<0.50	<0.10
	09/24/07	2.5	NA	NA	NA	NA	NA
	12/11/07	2.6	NA	NA	NA	NA	NA
	03/04/08	2.5	NA	NA	NA	NA	NA
	06/04/08	2.8	14	7.4	<0.25	<0.50	0.13
	09/08/08	0.77	NA	NA	NA	NA	NA
	12/05/08	1.24	NA	NA	NA	NA	NA
	03/04/09	0.84	NA	NA	NA	NA	NA
	06/02/09	1.29	7.1	4.0	<0.25	3.9	0.23
	09/22/09	0.79	NA	NA	NA	NA	NA
	11/17/09	2.17	NA	NA	NA	NA	NA
	03/09/10	1.03	NA	NA	NA	NA	NA
	06/08/10	NA	NA	NA	NA	NA	NA
	09/10/10	NA	NA	NA	NA	NA	NA
	11/15/10	0.72	NA	NA	NA	NA	NA
	03/01/11	0.11	NA	NA	NA	NA	NA
	05/24/11	0.41	0.85	0.11	ND	4.3	<0.10
	08/29/11	0.55	NA	NA	NA	NA	NA
	<b>12/01/11</b>	<b>1.16</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

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**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-22</b>	02/13/02	6.7	0.3	10	<0.25	6.4	<0.1
	05/21/02	4.4	1.2	9.1	<0.25	1.7	0.2
	08/29/02	0.7	2.4	9.1	<0.25	2.2	0.2
	11/05/02	1.60	1.1	5.6	<0.25	99	0.2
	02/19/03	2.1	<0.01	4.7	<0.25	120	0.1
	06/10/03	1.3	0.087	5	0.64	110	0.5
	09/16/03	2.4	2.0	55	<0.25 <sup>b</sup>	230	1.6
	11/19/03	6.6	0.056	2.3	<0.25 <sup>b</sup>	100	0.4
	02/25/04	8.2	<0.01	2.4	0.38 <sup>b</sup>	43	0.4
	05/11/04	5.1	<0.010	0.48	0.87	36	<0.10
	08/25/04	2.72	1.4	2.7	0.33	59	NA* <sup>b</sup>
	12/14/04	1.35	3.2	5.5	1.2	65	<0.10
	03/10/05	1.40	0.38	9.2	0.5	23	0.61
	06/07/05	4.20	0.53	6.3	<0.25	25	0.7
	09/20/05	3.70	0.86	27.0	<0.25	24	0.16
	12/13/05	2.1	3.8	12	<0.25	25	3.0
	03/15/06	2.1	0.033	4.4	<0.25	14	<0.10
	06/08/06	2.6	0.62	4.5	<0.25	17	0.19
	09/12/06	2.6	2.2	4.5	<0.25	19	0.11
	12/12/06	0.9	0.010	2.2	<0.25	7.3	<0.10
	06/19/07	1.8	NA	NA	NA	NA	NA
	06/04/08	2.6	NA	NA	NA	NA	NA
	06/02/09	0.50	NA	NA	NA	NA	NA
	06/09/10	0.00	NA	NA	NA	NA	NA
	09/09/10	0.36	NA	NA	NA	<0.50	NA
	05/23/11	0.00	NA	NA	NA	NA	NA

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**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
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 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-23</b>	02/25/04	1.6	12	15	<0.25 <sup>b</sup>	13	0.4
	05/12/04	1.8	13	19	<0.25	3.6	0.16
	08/26/04	1.41	10	14	<0.25	21	0.11
	12/14/04	NS	NS	NS	NS	NS	NS
	03/08/05	NS	NS	NS	NS	NS	NS
	06/07/05	NS	NS	NS	NS	NS	NS
	09/20/05	NS	NS	NS	NS	NS	NS
	12/13/05	2.3	16	1.2	<0.25	<0.50	0.25
	03/15/06	2.3	17	20	<0.25	<0.50	0.23
	06/08/06	1.1	18	18	<0.25	<0.50	0.20
	09/12/06	NS	NS	NS	NS	NS	NS
	12/12/06	1.9	27	27	<0.25	<0.50	0.24
	03/27/07	2.4	NA	NA	NA	NA	NA
	06/19/07	1.2	13	18	<0.25	<1.0	0.19
	09/25/07	2.9	NA	NA	NA	NA	NA
	12/11/07	2.8	NA	NA	NA	NA	NA
	03/04/08	2.4	NA	NA	NA	NA	NA
	06/04/08	1.7	12	63	<0.25	1.0	0.48
	09/08/08	NA	NA	NA	NA	NA	NA
	12/04/08	0.53	NA	NA	NA	NA	NA
	03/04/09	0.80	NA	NA	NA	NA	NA
	06/02/09	0.42	9.5	17	<0.25	57	0.92
	09/21/09	0.60	NA	NA	NA	NA	NA
	11/16/09	0.43	NA	NA	NA	NA	NA
	03/08/10	0.26	NA	NA	NA	NA	NA
	06/08/10	0.15	11	22	<0.25	4.2	0.52
	09/10/10	3.49	NA	NA	NA	NA	NA
	11/16/10	0.46	NA	NA	NA	NA	NA
	03/02/11	0.00	NA	NA	NA	NA	NA
	05/24/11	0.33	14	31	<0.25	0.8	0.10
	08/30/11	1.10	NA	NA	NA	NA	NA
	<b>12/02/11</b>	<b>0.89</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

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**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
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 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-24</b>	02/25/04	1.7	15	22	<0.25 <sup>b</sup>	6.4	0.3
	05/12/04	NS	NS	NS	NS	NS	NS
	08/26/04	NS	NS	NS	NS	NS	NS
	12/14/04	NS	NS	NS	NS	NS	NS
	03/08/05	NS	NS	NS	NS	NS	NS
	06/07/05	NS	NS	NS	NS	NS	NS
	09/20/05	NS	NS	NS	NS	NS	NS
	12/13/05	NS	NS	NS	NS	NS	NS
	03/15/06	NS	25	46	<0.25	<0.50	0.23
	06/08/06	1.6	7.6	9.1	<0.25	<0.50	0.42
	09/12/06	NS	NS	NS	NS	NS	NS
	12/12/06	2.3	16	3.2	<0.25	<0.50	0.31
	03/27/07	2.2	NA	NA	NA	NA	NA
	06/19/07	1.4	15	68	<0.25	<0.50	1.7
	09/25/07	2.3	NA	NA	NA	NA	NA
	12/11/07	1.2	NA	NA	NA	NA	NA
	03/04/08	2.2	NA	NA	NA	NA	NA
	06/04/08	2.1	15	17	<0.25	7.4	0.85
	09/08/08	1.38	NA	NA	NA	NA	NA
	12/05/08	0.33	NA	NA	NA	NA	NA
	03/04/09	0.83	NA	NA	NA	NA	NA
	06/02/09	0.46	12	37	<0.25	<0.50	<0.10
	09/21/09	0.77	NA	NA	NA	NA	NA
	11/16/09	0.78	NA	NA	NA	NA	NA
	03/08/10	0.29	NA	NA	NA	NA	NA
	06/08/10	0.00	12	35	<0.25	<0.50	0.23
	09/10/10	3.70	NA	NA	NA	NA	NA
	11/16/10	0.47	NA	NA	NA	NA	NA
	03/02/11	0.00	NA	NA	NA	NA	NA
	05/24/11	0.53	12	26	<0.25	0.78	0.11
	08/30/11	0.39	NA	NA	NA	NA	NA
	<b>12/02/11</b>	<b>0.48</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

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**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-25</b>	02/26/04	1.3	1.5	27	<0.25 <sup>b</sup>	120	0.9
	05/12/04	1.9	2.0	12	<0.25	140	0.10
	08/26/04	1.78	1.7	5.4	<0.25	380	0.13
	12/14/04	2.10	0.40	2.7	<0.25	370	<0.10
	03/10/05	2.10	2.0	3.5	<0.25	180	0.21
	06/07/05	1.75	2.2	4.7	<0.25	160	0.7
	09/20/05	1.30	0.91	1.8	<0.25	270	0.12
	12/13/05	2.5	1.8	1.8	<0.25	140	0.23
	03/15/06	2.5	0.92	4.6	<0.25	210	0.38
	06/08/06	1.2	1.9	6.5	<0.25	120	0.13
	09/12/06	1.8	0.84	5.9	<0.25	250	<0.10
	12/12/06	2.1	1.6	15	<0.25	400	<0.10
	06/19/07	2.1	NA	NA	NA	NA	NA
	06/04/08	2.4	NA	NA	NA	NA	NA
	06/02/09	0.62	NA	NA	NA	NA	NA
	06/09/10	0.00	NA	NA	NA	NA	NA
	05/25/11	1.17	NA	NA	NA	NA	NA

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Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>A-5</b>	03/27/07	0.8	NA	NA	NA	NA	NA
	09/24/07	2.7	NA	NA	NA	NA	NA
	12/11/07	1.5	NA	NA	NA	NA	NA
	03/04/08	0.1	NA	NA	NA	NA	NA
	06/03/08	1.9	NA	NA	NA	NA	NA
	09/08/08	1.13	NA	NA	NA	NA	NA
	12/05/08	0.41	NA	NA	NA	NA	NA
	03/04/09	0.41	NA	NA	NA	NA	NA
	06/02/09	0.61	NA	NA	NA	NA	NA
	09/22/09	0.69	NA	NA	NA	NA	NA
	11/17/09	0.24	NA	NA	NA	NA	NA
	03/08/10	0.61	NA	NA	NA	NA	NA
	06/09/10	0.00	NA	NA	NA	NA	NA
	09/10/10	3.32	NA	NA	NA	NA	NA
	11/16/10	0.30	NA	NA	NA	NA	NA
	03/02/11	0.00	NA	NA	NA	NA	NA
	05/25/11	1.28	NA	NA	NA	NA	NA
	08/30/11	0.58	NA	NA	NA	NA	NA
	<b>12/02/11</b>	<b>1.41</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>A-8</b>	06/02/09	0.55	NA	NA	NA	NA	NA
	06/09/10	0.00	NA	NA	NA	NA	NA
	05/25/11	1.32	NA	NA	NA	NA	NA

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 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>A-10</b>	02/14/02	2.5	3	5.1	5.4	77	0.2
	05/22/02	4.5	7.4	17	0.61	49	0.1
	08/28/02	1.4	5.7	16	<0.25	30	0.6
	11/06/02	2.0	5.9	15	<0.25	10	0.3
	02/20/03	2.7	1.0	22	6.1	86	<0.1
	06/10/03	1.4	1.6	17	0.54	63	0.1
	09/17/03	1.7	3.2	47	<0.25 <sup>a</sup>	12	0.6
	11/20/03	1.4	0.10	4.9	<0.25 <sup>a</sup>	3.7	0.3
	02/26/04	1.5	0.24	5.1	<0.25 <sup>b</sup>	61	0.2
	05/12/04	0.6	NA <sup>*a</sup>	30	<0.25	10	<0.10
	08/25/04	1.65	0.75	6.2	<0.25	57	0.12
	12/14/04	2.50	0.093	<0.050	<0.25	8.8	<0.10
	03/10/05	2.58	6.60	12.0	<0.25	260	<0.10
	06/07/05	1.51	1.00	3.4	<0.25	480	16
	09/20/05	2.10	2.40	5.6	<0.25	320	0.23
	12/13/05	2.2	0.067	<0.050	14	56	<0.10
	03/15/06	2.2	2.5	42	<0.25	60	0.18
	06/08/06	1.0	1.6	7.8	<0.25	4.3	0.22
	09/12/06	1.6	1.4	15	<0.25	140	0.18
	12/12/06	2.0	0.088	2.0	<0.25	7.9	<0.10
	06/19/07	2.7	NA	NA	NA	NA	NA
	06/03/08	2.4	NA	NA	NA	NA	NA
	06/02/09	0.45	NA	NA	NA	NA	NA
	06/09/10	0.00	NA	NA	NA	NA	NA
	05/25/11	0.97	NA	NA	NA	NA	NA

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>A-14R</b>	02/14/02	7.5	0.058	2.4	1.2	190	0.2
	05/22/02	4.1	0.026	1.1	2.1	210	0.1
	08/28/02	1.5	0.034	0.7	9.5	290	<0.1
	11/06/02	2.3	0.054	0.4	5.7	290	0.1
	02/20/03	2.9	0.26	<0.2	2.4	300	<0.1
	06/10/03	2.0	0.21	2.2	6	220	0.3
	09/17/03	1.9	2.4	3.4	0.86 <sup>a</sup>	240	0.2
	11/20/03	1.8	0.45	2.4	0.63 <sup>a</sup>	250	<0.1
	02/26/04	1.4	3.3	0.31	0.69 <sup>b</sup>	190	0.1
	05/12/04	2.3	1.4	<0.050	3.0	130	<0.10
	08/25/04	3.22	4.3	0.66	0.42	200	<0.10
	12/14/04	3.00	3.5	1.0	<0.25	230	<0.10
	03/10/05	2.15	1.3	2.40	<0.25	290	<0.10
	06/07/05	1.00	0.3	0.16	0.36	220	<0.2
	09/20/05	NS	NS	NS	NS	NS	NS
	12/13/05	1.1	1.6	3.7	<0.25	150	<0.10
	03/15/06	1.1	0.82	0.14	<0.25	80	<0.10
	06/08/06	2.4	1.5	0.53	<0.25	38	<0.10
	09/12/06	2.0	0.19	0.80	<0.25	110	<0.10
	12/12/07	2.9	1.2	0.76	<0.25	99	<0.10
	06/19/07	1.9	NA	NA	NA	NA	NA
	06/03/08	1.9	NA	NA	NA	NA	NA
	06/02/09	1.00	NA	NA	NA	NA	NA
	06/09/10	0.00	NA	NA	NA	NA	NA
	05/25/11	1.05	NA	NA	NA	NA	NA

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>A-21</b>	02/14/02	0.2	0.27	40	<0.25	76	<0.1
	05/22/02	4.2	0.18	32	<0.25	57	<0.1
	08/29/02	2.1	0.31	33	<0.25	41	0.3
	11/06/02	1.6	0.64	32	<0.25	32	<0.1
	02/19/03	1.9	1.6	28	<0.25	2.9	0.1
	06/10/03	1.3	2.8	31	<0.25	0.3	0.2
	09/16/03	1.6	4.1	33	<0.25 <sup>b</sup>	5.3	0.7
	11/19/03	1.7	5.6	26	<0.25 <sup>b</sup>	16	0.2
	02/25/04	2.1	2.6	31	<0.25 <sup>b</sup>	1.2	0.4
	05/12/04	0.8	1.8	33	<0.25	0.79	<0.10
	08/25/04	1.44	5.8	16	<0.25	2.4	0.11
	12/14/04	2.72	11	4.6	<0.25	0.74	0.12
	03/10/05	1.50	9	19.0	<0.25	0.79	<0.10
	06/07/05	1.50	4	3.3	<0.25	<0.50	0.7
	09/20/05	2.60	6	27.0	<0.25	<0.50	<0.10
	12/13/05	2.5	7.5	30	<0.25	<0.50	<0.10
	03/15/06	2.5	3.2	32	<0.25	<0.50	<0.10
	06/08/06	2.8	2.2	33	<0.25	<0.50	<0.10
	09/12/06	2.6	2.9	31	<0.25	<0.50	<0.10
	12/12/06	3.1	3.2	46	<0.25	130	0.11
	03/27/07	3.8	NA	NA	NA	NA	NA
	06/19/07	2.1	0.19	24	<0.25	120	0.13
	09/25/07	3.0	NS	NS	NS	NS	NS
	12/11/07	1.7	NA	NA	NA	NA	NA
	03/04/08	0.3	NA	NA	NA	NA	NA
	06/04/08	1.6	0.11	20	0.27	150	0.14
	09/08/08	1.71	NA	NA	NA	NA	NA
	12/04/08	0.72	NA	NA	NA	NA	NA
	03/04/09	0.37	NA	NA	NA	NA	NA
	06/02/09	0.20	0.028	8.0	<0.25	320	<0.10
	09/22/09	0.56	NA	NA	NA	NA	NA
	11/17/09	0.39	NA	NA	NA	NA	NA
	03/08/10	0.85	NA	NA	NA	NA	NA
	06/08/10	0.33	0.015	0.72	0.28	85	<0.10
	09/10/10	3.49	NA	NA	NA	NA	NA
	11/16/10	0.33	NA	NA	NA	NA	NA
	03/02/11	1.50	NA	NA	NA	NA	NA
	05/24/11	1.54	0.038	0.19	0.50	25	<0.10
	08/30/11	0.38	NA	NA	NA	NA	NA
	<b>12/02/11</b>	<b>0.70</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
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 2720 13th Avenue Southwest  
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Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>A-23R</b>	02/14/02	1.2	1.7	29	<0.25	580	<0.1
	05/20/02	2.3	1.8	26	<0.25	420	<0.1
	08/28/02	2.4	4.1	13	<0.25	270	0.2
	11/05/02	2.4	3.6	11	<0.25	200	1.6
	02/19/03	3.0	6.1	12	<0.25	120	<0.1
	06/10/03	1.8	1.8	30	<0.25	300	0.2
	09/16/03	1.4	7.6	12	<0.25 <sup>b</sup>	100	0.9
	11/19/03	1.5	8.7	7.8	<0.25 <sup>b</sup>	26	0.8
	02/25/04	1.7	13	14	<0.25 <sup>b</sup>	17	0.7
	05/12/04	4.7	5.3	23	<0.25	80	<1.0
	08/25/04	1.80	10	11	<0.25	31	0.34
	12/14/04	2.20	12	9.8	<0.25	6.4	0.25
	03/10/05	1.10	7.3	30	<0.25	220	0.20
	06/07/05	1.50	5.6	28	<0.25	200	1.9
	09/20/05	1.50	2.6	34	<0.25	270	<0.10
	12/14/05	0.8	5.3	25	<0.25	50	0.17
	03/15/06	0.8	13	27	<0.25	21	0.28
	06/08/06	0.7	4.0	38	<0.25	150	0.19
	09/12/06	1.4	3.6	33	<0.25	100	<0.10
	12/12/06	2.8	16	24	<0.25	4.2	0.31
	03/27/07	1.1	NA	NA	NA	NA	NA
	06/19/07	1.4	3	32	<0.25	180	0.11
	12/11/07	2.7	NA	NA	NA	NA	NA
	03/04/08	3.2	NA	NA	NA	NA	NA
	06/05/08	2.4	2.6	44	<0.25	440	<0.10
	12/05/08	0.33	NA	NA	NA	NA	NA
	03/04/09	0.35	NA	NA	NA	NA	NA
	06/02/09	0.60	2.1	22	<0.25	290	<0.10
	09/21/09	0.77	NA	NA	NA	NA	NA
	11/16/09	1.29	NA	NA	NA	NA	NA
	03/08/10	0.86	NA	NA	NA	NA	NA
	06/08/10	0.89	1.1	39	<0.25	450	<0.10
	09/09/10	0.54	NA	NA	NA	NA	NA
	11/16/10	0.96	NA	NA	NA	NA	NA
	03/01/11	0.00	NA	NA	NA	NA	NA
	05/24/11	0.59	1.0	44	<0.25	450	<0.10
	08/29/11	0.55	NA	NA	NA	NA	NA
<b>12/02/11</b>	<b>1.15</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

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Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>A-27</b>	02/14/02	6.7	7.4	20	<0.25	0.55	0.1
	05/22/02	3.5	9.1	27	<0.25	1.6	<0.1
	08/29/02	2.3	7.5	24	<0.25	0.29	0.2
	11/06/02	0.70	5.2	26	<0.25	<0.25	0.2
	02/19/03	3.2	6.6	19	<0.25	<0.25	<0.1
	06/10/03	1.2	10	19	<0.25	0.77	0.1
	09/16/03	1.0	8.6	51	<0.25 <sup>b</sup>	0.59	0.7
	11/19/03	1.1	8.9	19	<0.25 <sup>b</sup>	0.33	<0.1
	02/25/04	1.9	12	27	<0.25 <sup>b</sup>	<0.25	0.3
	05/11/04	0.7	8.4	25	<0.25	<0.50	<0.10
	08/25/04	1.68	12	22	<0.25	<0.50	0.13
	12/14/04	1.32	12	10	<0.25	<0.50	0.12
	03/10/05	1.62	12	18	<0.25	0.78	<0.10
	06/07/05	1.00	7.0	19	<0.25	<0.50	0.3
	09/20/05	3.10	10	29	<0.25	0.84	0.16
	12/13/05	2.3	16	24	<0.25	<0.50	<0.10
	03/15/06	2.3	15	14	<0.25	<0.50	0.16
	06/08/06	1.2	13	25	<0.25	0.51	0.15
	09/12/06	1.9	12	19	<0.25	<0.50	0.23
	12/12/06	1.0	13	24	<0.25	<0.50	<0.10
	03/27/07	1.4	NA	NA	NA	NA	NA
	06/19/07	2.4	11	7.5	<0.25	<1.0	0.10
	09/24/07	1.5	NA	NA	NA	NA	NA
	12/11/07	1.5	NA	NA	NA	NA	NA
	03/04/08	1.8	NA	NA	NA	NA	NA
	06/04/08	2.0	9.9	10	<0.25	<0.50	0.13
	09/08/08	1.85	NA	NA	NA	NA	NA
	12/05/08	0.39	NA	NA	NA	NA	NA
	03/04/09	0.39	NA	NA	NA	NA	NA
	06/02/09	0.63	6.5	13	<0.25	1.2	<0.10
	09/22/09	0.45	NA	NA	NA	NA	NA
	11/16/09	0.46	NA	NA	NA	NA	NA
	03/09/10	1.32	NA	NA	NA	NA	NA
	06/08/10	0.00	3.9	12	<0.25	2.1	<0.10
	09/09/10	0.47	NA	NA	NA	<0.50	NA
	11/16/10	0.34	NA	NA	NA	NA	NA
	03/02/11	0.00	NA	NA	NA	NA	NA
	05/24/11	0.27	3.3	8.8	<0.25	2.2	<0.10
	08/30/11	0.36	NA	NA	NA	NA	NA
	<b>12/02/11</b>	<b>0.77</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**TABLE 3**  
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Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>A-28R</b>	02/14/02	0.4	8.8	59	<0.25	1.2	0.3
	05/22/02	4.4	3.4	42	<0.25	28	0.3
	08/29/02	3.6	6.2	45	<0.25	0.73	0.3
	11/06/02	2.2	5.9	46	<0.25	0.57	<0.1
	02/19/03	3.0	6.3	48	<0.25	0.56	<0.1
	06/10/03	1.2	6.1	42	<0.25	<0.25	<0.1
	09/16/03	0.9	d	58	<0.25 <sup>b</sup>	0.41	0.5
	11/19/03	1.2	9.9	47	<0.25 <sup>b</sup>	0.25	<0.1
	02/25/04	1.8	9.6	46	<0.25 <sup>b</sup>	<0.25	1.4
	05/12/04	1.9	11	47	<0.25	<0.50	<0.10
	08/25/04	0.50	12	38	<0.25	NA <sup>*b</sup>	NA <sup>*b</sup>
	12/14/04	1.72	12	22	<0.25	<0.50	0.12
	03/10/05	3.32	14	42	<0.25	<0.50	<0.10
	06/07/05	1.00	13	35	<0.25	<0.50	0.70
	09/20/05	NS	NS	NS	NS	NS	NS
	12/13/05	0.89	15	28	<0.25	<0.50	0.13
	03/15/06	0.89	15	45	<0.25	1.3	<0.10
	06/08/06	0.8	13	34	<0.25	<0.50	NA
	09/12/06	1.1	16	35	<0.25	<0.50	<0.10
	12/12/06	1.7	13	25	<0.25	<0.50	<0.10
	03/27/07	3.2	NA	NA	NA	NA	NA
	06/19/07	3.2	12	32	<0.25	2.5	<0.10
	09/24/07	2.9	NA	NA	NA	NA	NA
	12/11/07	2.6	NA	NA	NA	NA	NA
	03/04/08	0.8	NA	NA	NA	NA	NA
	06/04/08	2.3	7.0	18	<0.25	<0.50	<0.10
	12/04/08	0.36	NA	NA	NA	NA	NA
	03/04/09	0.44	NA	NA	NA	NA	NA
	06/02/09	0.46	2.3	15	<0.25	2.8	0.18
	09/22/09	0.55	NA	NA	NA	NA	NA
	11/16/09	0.52	NA	NA	NA	NA	NA
	03/09/10	0.50	NA	NA	NA	NA	NA
	06/08/10	0.00	2.4	31	<0.25	18	0.29
	09/10/10	3.81	NA	NA	NA	NA	NA
	11/16/10	0.79	NA	NA	NA	NA	NA
	03/02/11	0.00	NA	NA	NA	NA	NA
	05/24/11	0.00	3.6	39	<0.25	1.6	0.13
	08/30/11	0.31	NA	NA	NA	NA	NA
	<b>12/02/11</b>	<b>0.30</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

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Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>SH-02</b>	12/20/00	-	5.4	0.86	0.04	14	0.32
<b>SH-02R</b>	02/13/02	1.2	<0.01	0.6	<0.25	9.7	0.2
	05/21/02	4.5	3.5	8.1	<0.25	6.7	<0.1
	08/28/02	1.5	4.9	17	<0.25	3.8	<0.1
	11/05/02	2.1	6.1	20	<0.25	13	<0.1
	02/19/03	2.5	0.29	2.4	0.33	10	0.6
	06/10/03	1.3	1.4	5.1	<0.25	6.8	0.3
	09/16/03	1.9	5.2	19	<0.25 <sup>b</sup>	5.1	0.4
	11/19/03	1.1	1.5	4.6	0.34 <sup>b</sup>	7.1	0.2
	02/25/04	3.4	5.0	14	0.46 <sup>b</sup>	5.2	0.4
	05/12/04	2.0	3.2	7.4	<0.25	4.4	<0.10
	08/26/04	2.24	2.1	3.8	<0.25	5.8	<0.10
	12/15/04	1.98	0.092	0.055	0.44	100	<0.10
	03/09/05	1.59	0.38	1.5	<0.25	380	<0.10
	06/08/05	1.00	1.20	0.1	<0.25	110	<0.2
	09/21/05	1.50	4.40	0.7	<0.25	31	<0.10
	12/14/05	0.7	2.2	0.28	<0.25	11	<0.10
	03/14/06	0.7	0.42	1.4	<0.25	25	<0.10
	06/07/06	0.9	3.1	4.4	<0.25	20	<0.10
	09/13/06	1.7	3.9	5.5	<0.25	24	<0.10
	12/13/06	0.9	0.38	1.3	0.34	10	<0.10
	06/20/07	2.0	NA	NA	NA	NA	NA
	06/05/08	3.1	NA	NA	NA	NA	NA
	06/02/09	0.25	NA	NA	NA	NA	NA
	06/08/10	0.24	NA	NA	NA	NA	NA
	05/23/11	0.41	NA	NA	NA	NA	<0.0050

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Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>SH-05</b>	12/20/00	-	0.01	1.8	0.14	6	<0.01
<b>SH-05R</b>	05/21/02	3.9	1.5	10	<0.25	16	0.3
	08/28/02	1.4	1.0	11	<0.25	1.4	0.5
	11/05/02	1.5	1.2	17	<0.25	6.3	<0.1
	02/19/03	2.6	2.9	32	<0.25	28	<0.1
	06/10/03	1.4	1.5	33	<0.25	2.8	0.6
	09/16/03	1.2	1.6	41	<0.25 <sup>b</sup>	0.46	0.9
	11/19/03	3.1	1.6	36	<0.25 <sup>b</sup>	71	0.5
	02/25/04	2.5	0.56	0.087	0.76 <sup>b</sup>	120	0.2
	05/12/04	1.12	2.1	16	<0.25	4.6	<0.10
	08/26/04	1.96	2.0	6.4	<0.25	0.63	<0.10
	12/15/04	2.80	3.7	26	<0.25	26	<0.10
	03/09/05	2.56	3.4	2	<0.25	8	<0.10
	06/08/05	2.50	3.8	19	<0.25	30	<0.2
	09/21/05	0.80	3.1	9	<0.25	<0.50	<0.10
	12/14/05	2.3	5.4	23	<0.25	16	<0.10
	03/14/06	2.3	0.11	0.087	<0.25	35	<0.10
	06/07/06	1.2	1.9	8.4	0.34	21	<0.10
	09/13/06	1.4	2.2	7.4	<0.25	<0.50	<0.10
	12/13/06	2.7	0.14	0.11	2.1	100	<0.10
	06/20/07	0.9	NA	NA	NA	NA	NA
	06/05/08	2.9	NA	NA	NA	NA	NA
	06/02/09	1.01	NA	NA	NA	NA	NA
	06/08/10	0.00	NA	NA	NA	NA	NA
	05/23/11	1.39	NA	NA	NA	NA	<0.0050

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

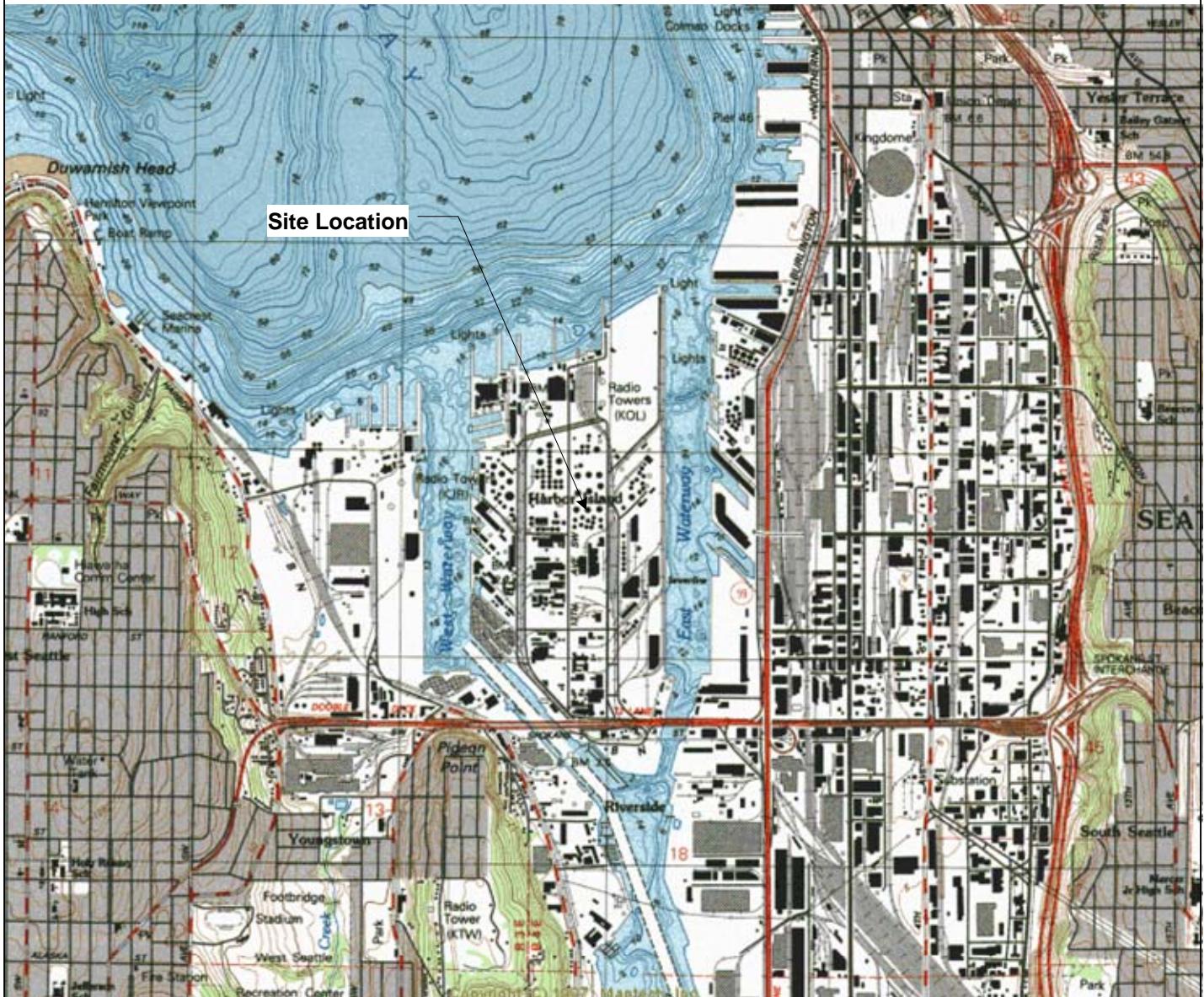
Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>MW-07R</b>	02/13/02	3.0	0.078	5.0	<0.25	8.3	0.2
	05/21/02	3.5	0.22	3.5	<0.25	3.8	0.2
	08/28/02	1.6	0.17	6.9	<0.25	9.0	0.1
	11/05/02	1.6	0.16	12	<0.25	2.7	<0.1
	11/05/02	1.6	0.16	12	<0.25	2.7	<0.1
	02/19/03	NS	NS	NS	NS	NS	NS
	06/10/03	NS	NS	NS	NS	NS	NS
	09/16/03	1.4	0.26	26	<0.25 <sup>b</sup>	9.1	1.6
	11/19/03	2.2	0.017	4.9	0.77 <sup>b</sup>	14	0.3
	02/25/04	2.1	<0.01	1.8	0.42 <sup>b</sup>	5.7	0.3
	05/12/04	2.49	<0.010	2.2	0.74	3.4	<0.10
	08/26/04	2.05	0.011	0.12	<0.25	12	<0.10
	12/15/04	2.00	0.034	1.4	0.36	10	<0.10
	03/09/05	2.15	0.030	4.2	<0.25	120	<0.10
	06/08/05	1.98	<0.010	0.25	0.89	6	<0.2
	09/21/05	2.80	0.13	<0.050	<0.25	15	<0.10
	12/14/05	1.5	<0.010	<0.050	0.29	5.7	<0.10
	03/14/06	1.5	0.23	2.3	0.51	8.9	<0.10
	06/07/06	2.2	<0.010	0.28	2.4	3.9	<0.10
	09/13/06	1.2	0.26	3.4	<0.25	8.5	<0.10
	12/13/06	1.9	<0.010	<0.050	1.9	23	<0.10
	06/20/07	1.7	NA	NA	NA	NA	NA
	06/05/08	1.9	NA	NA	NA	NA	NA
	06/02/09	1.29	NA	NA	NA	NA	NA
	06/08/10	1.11	NA	NA	NA	NA	NA
	05/23/11	3.20	NA	NA	NA	NA	<0.0050
<b>TMW-B1</b>	06/09/10	1.06	NA	NA	NA	3.6	NA
	09/09/10	0.25	NA	NA	NA	<0.50	NA
	05/25/11	1.51	NA	NA	NA	NA	NA
	<b>12/02/11</b>	<b>0.33</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**TABLE 3**  
**GROUNDWATER NATURAL ATTENUATION PARAMETERS**  
 Kinder Morgan Liquids Terminals, LLC  
 Harbor Island Terminal  
 2720 13th Avenue Southwest  
 Seattle, Washington

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>Notes:</b>							
NA = Not Analyzed							
NS = Not Sampled							
* DUP-1 is a duplicate sample for MW-3; DUP-2 is a duplicate sample for A-23R.							
** Analysis could not be run due to excess particulate matter.							
* <sup>a</sup> Lab received broken VOA, not able to run analysis							
* <sup>b</sup> Lab did not receive sample container to run analysis							
<sup>a</sup> The lab analyzed these samples for nitrate and sulfate together, using non-preserved samples (submitted for sulfate analysis). Holding time for non-preserved samples for nitrate analysis is 48 hours and for sulfate analysis is 28 days. These samples were received within the 48-hour holding time.							
<sup>b</sup> The lab analyzed these samples for nitrate only, using sulfuric acid preserved samples (submitted for nitrate analysis). Holding time for preserved samples for nitrate analysis is 28 days. The lab analyzed these for nitrate because non-preserved samples were received outside of 48 hours.							

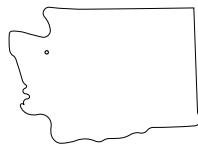
## ***Figures***

- Figure 1      Site Location Map
- Figure 2      Site Map
- Figure 3      Groundwater Elevation Map
- Figure 4      TPH Concentration Map – Groundwater



**GENERAL NOTES:**

BASE MAP USGS 7.5-MINUTE TOPOGRAPHIC MAP  
SEATTLE SOUTH, WASHINGTON  
1983



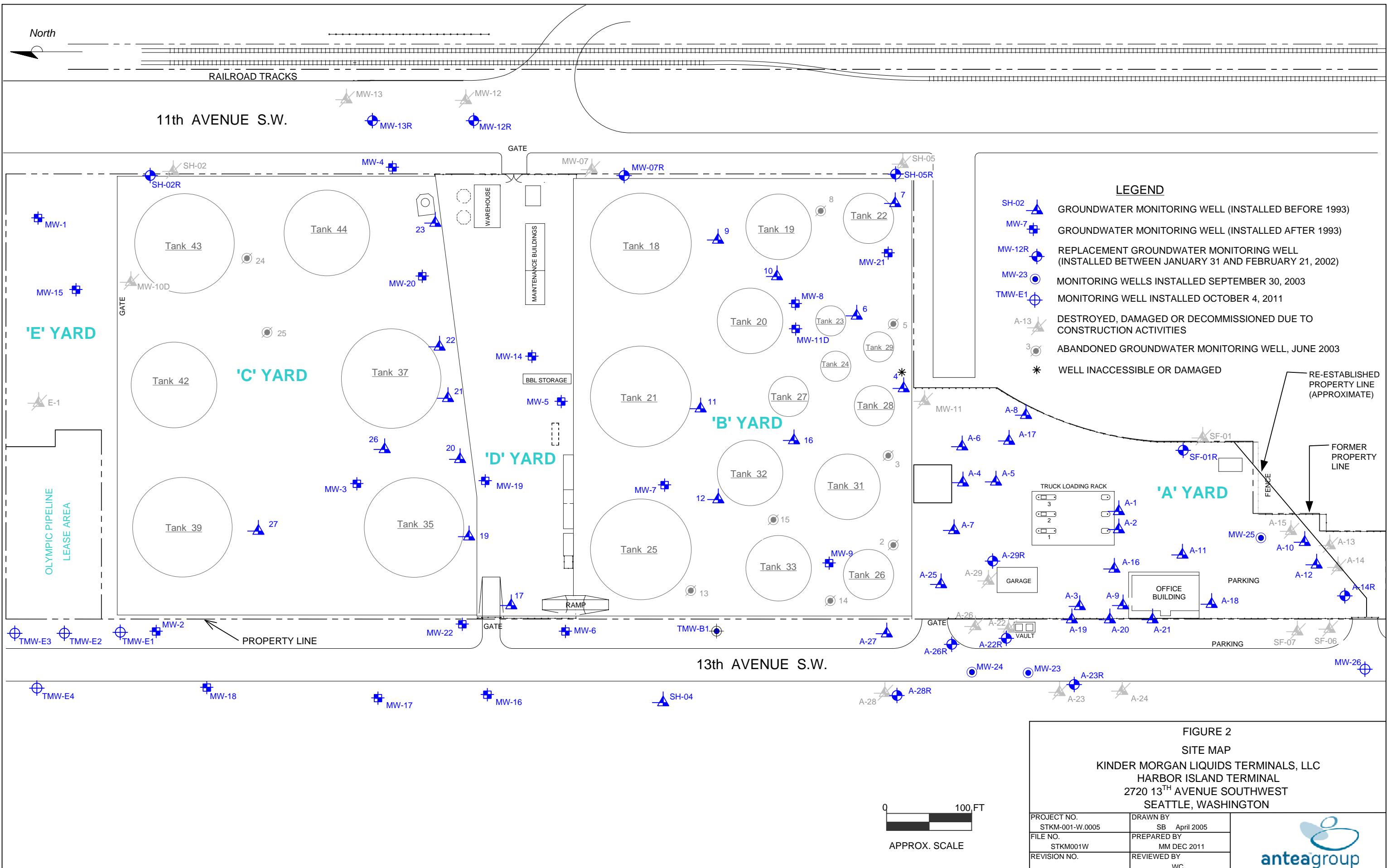
QUADRANGLE LOCATION

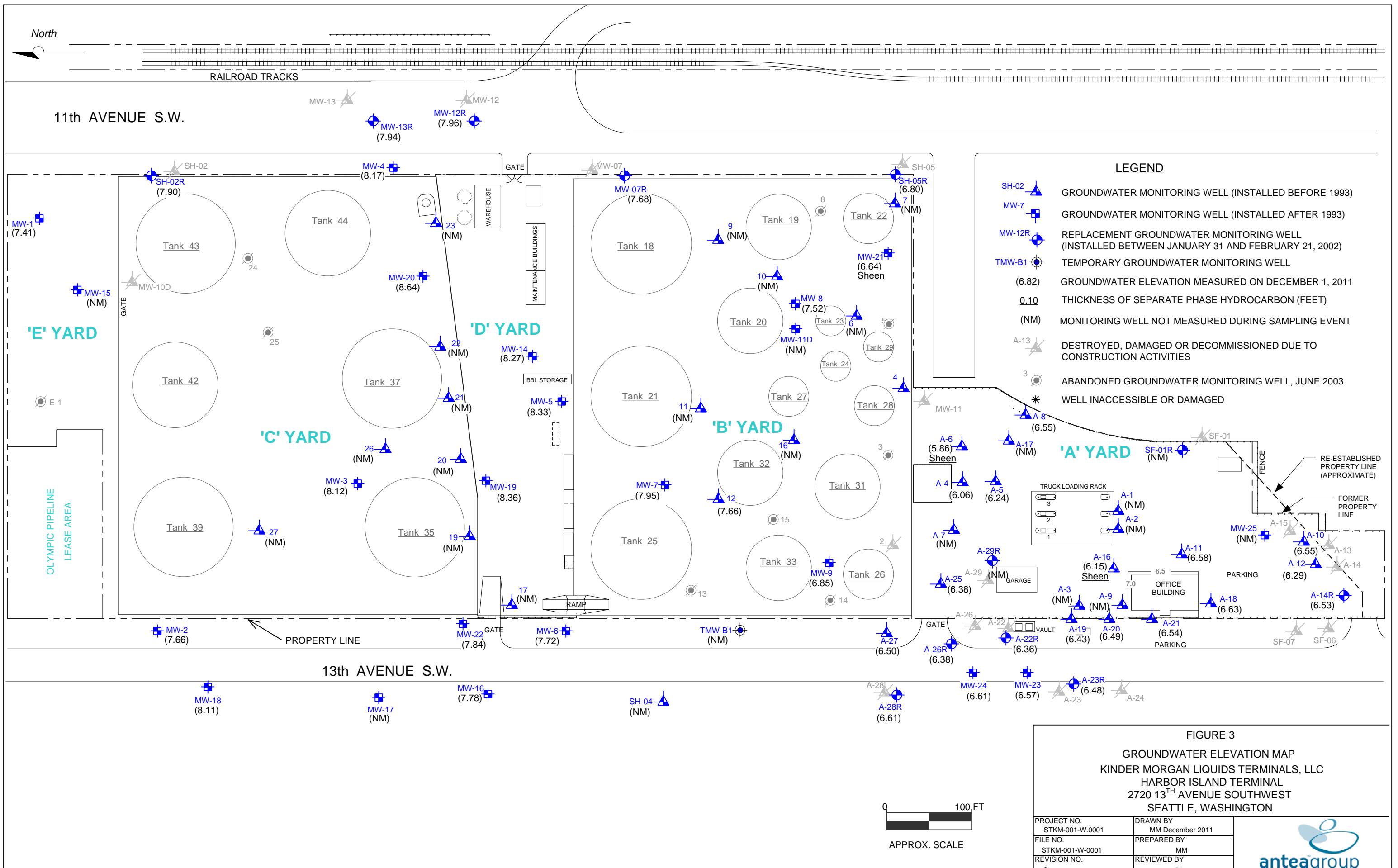
0 2000 FT

APPROX. SCALE

**FIGURE 1**  
**SITE LOCATION MAP**  
**KINDER MORGAN LIQUIDS TERMINALS, LLC**  
**HARBOR ISLAND TERMINAL**  
**2720 13<sup>TH</sup> AVENUE SOUTHWEST**  
**SEATTLE, WASHINGTON**

PROJECT NO. STKM-001-W.0001	DRAWN BY RG	
FILE NO. STKM001W.0001	PREPARED BY MM	
REVISION NO.	REVIEWED BY DL	

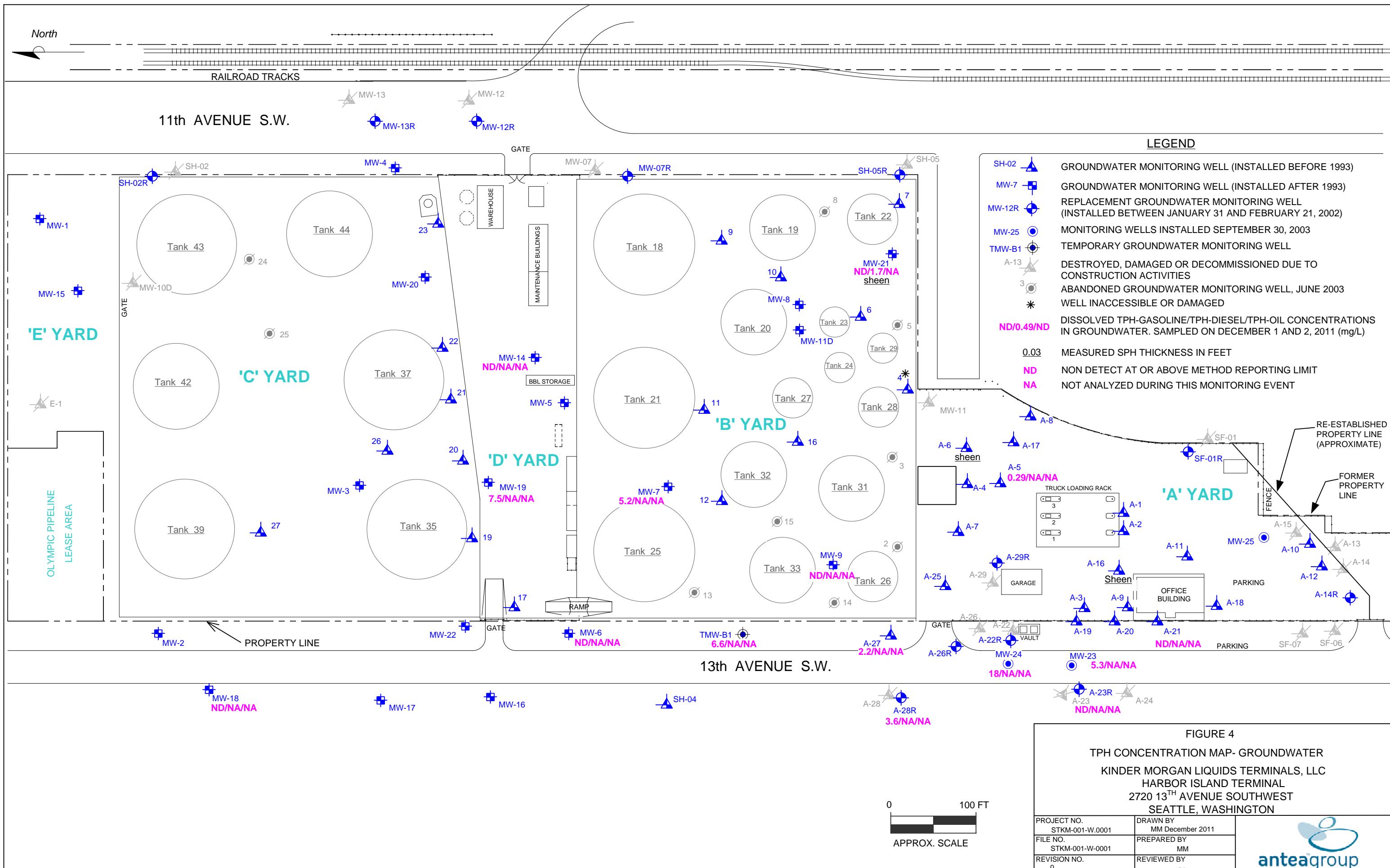




**FIGURE 3**  
**GROUNDWATER ELEVATION MAP**  
**KINDER MORGAN LIQUIDS TERMINALS, LLC**  
**HARBOR ISLAND TERMINAL**  
**2720 13<sup>TH</sup> AVENUE SOUTHWEST**  
**SEATTLE, WASHINGTON**

PROJECT NO. STKM-001-W.0001	DRAWN BY MM December 2011	
FILE NO. STKM-001-W-0001	PREPARED BY MM	
REVISION NO. 0	REVIEWED BY DL	





## ***Appendix A***

Certified Analytical Laboratory Reports and Chain-of-Custody Documentation



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Antea Group Attn: Dawna Leong  
4006 148TH AVE NE Phone: (425) 498-7726  
Redmond, WA 98052 Fax: (425) 869-1892  
Job: STKM001W-001/ Kinder Morgan-Harbor Island

Northwest Total Petroleum Hydrocarbons - Diesel Extended (NWTPh-Dx)  
Northwest Total Petroleum Hydrocarbons - Gasoline Extended (NWTPh-Gx)

	Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : A-5					
Lab ID : ALS11120542-01A	TPH-P (GRO)	0.29	0.25 mg/L	12/12/11	12/12/11
Date Sampled 12/02/11 08:40					
Client ID : A-21					
Lab ID : ALS11120542-02A	TPH-P (GRO)	ND	0.25 mg/L	12/12/11	12/12/11
Date Sampled 12/02/11 09:00					
Client ID : A-23R					
Lab ID : ALS11120542-03A	TPH-P (GRO)	ND	0.25 mg/L	12/12/11	12/12/11
Date Sampled 12/01/11 10:20					
Client ID : A-27					
Lab ID : ALS11120542-04A	TPH-P (GRO)	2.2	0.25 mg/L	12/12/11	12/12/11
Date Sampled 12/02/11 10:20					
Client ID : A-28R					
Lab ID : ALS11120542-05A	TPH-P (GRO)	3.6	0.30 mg/L	12/12/11	12/12/11
Date Sampled 12/02/11 10:00					
Client ID : MW-6					
Lab ID : ALS11120542-06A	TPH-P (GRO)	ND	0.25 mg/L	12/12/11	12/12/11
Date Sampled 12/01/11 10:50					
Client ID : MW-7					
Lab ID : ALS11120542-07A	TPH-P (GRO)	5.2	1.0 mg/L	12/12/11	12/12/11
Date Sampled 12/01/11 13:00					
Client ID : MW-9					
Lab ID : ALS11120542-08A	TPH-P (GRO)	ND	0.25 mg/L	12/12/11	12/12/11
Date Sampled 12/01/11 12:40					
Client ID : MW-14					
Lab ID : ALS11120542-09A	TPH-P (GRO)	ND	0.25 mg/L	12/12/11	12/12/11
Date Sampled 12/01/11 13:40					
Client ID : MW-18					
Lab ID : ALS11120542-10A	TPH-P (GRO)	ND	0.25 mg/L	12/12/11	12/12/11
Date Sampled 12/02/11 11:00					
Client ID : MW-19					
Lab ID : ALS11120542-11A	TPH-P (GRO)	7.5	0.50 mg/L	12/12/11	12/12/11
Date Sampled 12/01/11 13:20					



# Alpha Analytical, Inc.

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Client ID :	<b>MW-21</b>					
Lab ID :	ALS11120542-12A	TPH-E (DRO)	1.7	0.25 mg/L	12/05/11	12/06/11
Date Sampled	12/01/11 09:20	TPH-E (ORO)	ND	0.50 mg/L	12/05/11	12/06/11
		TPH-P (GRO)	ND	0.25 mg/L	12/12/11	12/12/11
Client ID :	<b>MW-23</b>					
Lab ID :	ALS11120542-13A	TPH-P (GRO)	5.3	1.0 mg/L	12/12/11	12/12/11
Date Sampled	12/02/11 09:20					
Client ID :	<b>MW-24</b>					
Lab ID :	ALS11120542-14A	TPH-P (GRO)	18	3.0 mg/L	12/12/11	12/12/11
Date Sampled	12/02/11 09:40					
Client ID :	<b>TMW-B1</b>					
Lab ID :	ALS11120542-15A	TPH-P (GRO)	6.6	1.0 mg/L	12/12/11	12/12/11
Date Sampled	12/02/11 10:40					
Client ID :	<b>DUP</b>					
Lab ID :	ALS11120542-16A	TPH-P (GRO)	17	3.0 mg/L	12/12/11	12/12/11
Date Sampled	12/02/11 00:00					

Diesel Range Organics (DRO) C13-C22

Gasoline Range Organics (GRO) C4-C13

This replaces the report signed 12/16/11 due to a change in the analyte list, per client request.

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha Analytical, Inc. certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Statement of Data Authenticity : Alpha Analytical, Inc. attests that the data reported has not been altered in any way.

12/19/11

Report Date



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Antea Group  
4006 148TH AVE NE  
Redmond, WA 98052

Attn: Dawna Leong  
Phone: (425) 498-7726  
Fax: (425) 869-1892  
Date Received : 12/03/11

Job: STKM001W-001/ Kinder Morgan-Harbor Island

Volatile Organic Compounds (VOCs) EPA Method SW8260B

	Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : <b>A-5</b>					
Lab ID : ALS11120542-01A	Benzene	1.7	1.0 µg/L	12/12/11	12/12/11
Date Sampled 12/02/11 08:40	Toluene	ND O	1.0 µg/L	12/12/11	12/12/11
	Ethylbenzene	ND O	1.0 µg/L	12/12/11	12/12/11
	m,p-Xylene	ND O	1.0 µg/L	12/12/11	12/12/11
	o-Xylene	ND O	1.0 µg/L	12/12/11	12/12/11
Client ID : <b>A-21</b>					
Lab ID : ALS11120542-02A	Benzene	ND	0.50 µg/L	12/12/11	12/12/11
Date Sampled 12/02/11 09:00	Toluene	ND	0.50 µg/L	12/12/11	12/12/11
	Ethylbenzene	ND	0.50 µg/L	12/12/11	12/12/11
	m,p-Xylene	ND	0.50 µg/L	12/12/11	12/12/11
	o-Xylene	ND	0.50 µg/L	12/12/11	12/12/11
Client ID : <b>A-23R</b>					
Lab ID : ALS11120542-03A	Benzene	ND	0.50 µg/L	12/12/11	12/12/11
Date Sampled 12/01/11 10:20	Toluene	ND	0.50 µg/L	12/12/11	12/12/11
	Ethylbenzene	ND	0.50 µg/L	12/12/11	12/12/11
	m,p-Xylene	ND	0.50 µg/L	12/12/11	12/12/11
	o-Xylene	ND	0.50 µg/L	12/12/11	12/12/11
Client ID : <b>A-27</b>					
Lab ID : ALS11120542-04A	Benzene	16	1.0 µg/L	12/12/11	12/12/11
Date Sampled 12/02/11 10:20	Toluene	2.6	1.0 µg/L	12/12/11	12/12/11
	Ethylbenzene	30	1.0 µg/L	12/12/11	12/12/11
	m,p-Xylene	9.4	1.0 µg/L	12/12/11	12/12/11
	o-Xylene	ND V	1.0 µg/L	12/12/11	12/12/11
Client ID : <b>A-28R</b>					
Lab ID : ALS11120542-05A	Benzene	74	1.5 µg/L	12/12/11	12/12/11
Date Sampled 12/02/11 10:00	Toluene	2.2	1.5 µg/L	12/12/11	12/12/11
	Ethylbenzene	56	1.5 µg/L	12/12/11	12/12/11
	m,p-Xylene	9.2	1.5 µg/L	12/12/11	12/12/11
	o-Xylene	ND V	1.5 µg/L	12/12/11	12/12/11
Client ID : <b>MW-6</b>					
Lab ID : ALS11120542-06A	Benzene	ND	0.50 µg/L	12/12/11	12/12/11
Date Sampled 12/01/11 10:50	Toluene	ND	0.50 µg/L	12/12/11	12/12/11
	Ethylbenzene	ND	0.50 µg/L	12/12/11	12/12/11
	m,p-Xylene	ND	0.50 µg/L	12/12/11	12/12/11
	o-Xylene	ND	0.50 µg/L	12/12/11	12/12/11



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Client ID :	MW-7						
Lab ID :	ALS11120542-07A	Benzene	ND	V	5.0 µg/L	12/12/11	12/12/11
Date Sampled	12/01/11 13:00	Toluene	26		5.0 µg/L	12/12/11	12/12/11
		Ethylbenzene	36		5.0 µg/L	12/12/11	12/12/11
		m,p-Xylene	620		5.0 µg/L	12/12/11	12/12/11
		o-Xylene	210		5.0 µg/L	12/12/11	12/12/11
Client ID :	MW-9						
Lab ID :	ALS11120542-08A	Benzene	ND		0.50 µg/L	12/12/11	12/12/11
Date Sampled	12/01/11 12:40	Toluene	ND		0.50 µg/L	12/12/11	12/12/11
		Ethylbenzene	ND		0.50 µg/L	12/12/11	12/12/11
		m,p-Xylene	0.84		0.50 µg/L	12/12/11	12/12/11
		o-Xylene	1.6		0.50 µg/L	12/12/11	12/12/11
Client ID :	MW-14						
Lab ID :	ALS11120542-09A	Benzene	ND	O	1.0 µg/L	12/12/11	12/12/11
Date Sampled	12/01/11 13:40	Toluene	ND	O	1.0 µg/L	12/12/11	12/12/11
		Ethylbenzene	ND	O	1.0 µg/L	12/12/11	12/12/11
		m,p-Xylene	ND	O	1.0 µg/L	12/12/11	12/12/11
		o-Xylene	3.2		1.0 µg/L	12/12/11	12/12/11
Client ID :	MW-18						
Lab ID :	ALS11120542-10A	Benzene	ND		0.50 µg/L	12/12/11	12/12/11
Date Sampled	12/02/11 11:00	Toluene	ND		0.50 µg/L	12/12/11	12/12/11
		Ethylbenzene	ND		0.50 µg/L	12/12/11	12/12/11
		m,p-Xylene	ND		0.50 µg/L	12/12/11	12/12/11
		o-Xylene	ND		0.50 µg/L	12/12/11	12/12/11
Client ID :	MW-19						
Lab ID :	ALS11120542-11A	Benzene	59		2.5 µg/L	12/12/11	12/12/11
Date Sampled	12/01/11 13:20	Toluene	34		2.5 µg/L	12/12/11	12/12/11
		Ethylbenzene	220		2.5 µg/L	12/12/11	12/12/11
		m,p-Xylene	300		2.5 µg/L	12/12/11	12/12/11
		o-Xylene	ND	V	2.5 µg/L	12/12/11	12/12/11
Client ID :	MW-21						
Lab ID :	ALS11120542-12A	Benzene	ND		1.0 µg/L	12/12/11	12/12/11
Date Sampled	12/01/11 09:20	Toluene	ND		1.0 µg/L	12/12/11	12/12/11
		Ethylbenzene	ND		1.0 µg/L	12/12/11	12/12/11
		m,p-Xylene	ND		1.0 µg/L	12/12/11	12/12/11
		o-Xylene	ND		1.0 µg/L	12/12/11	12/12/11
Client ID :	MW-23						
Lab ID :	ALS11120542-13A	Benzene	290		5.0 µg/L	12/12/11	12/12/11
Date Sampled	12/02/11 09:20	Toluene	7.6		5.0 µg/L	12/12/11	12/12/11
		Ethylbenzene	130		5.0 µg/L	12/12/11	12/12/11
		m,p-Xylene	17		5.0 µg/L	12/12/11	12/12/11
		o-Xylene	ND	O	5.0 µg/L	12/12/11	12/12/11
Client ID :	MW-24						
Lab ID :	ALS11120542-14A	Benzene	370		15 µg/L	12/12/11	12/12/11
Date Sampled	12/02/11 09:40	Toluene	16		15 µg/L	12/12/11	12/12/11
		Ethylbenzene	420		15 µg/L	12/12/11	12/12/11
		m,p-Xylene	2,500		15 µg/L	12/12/11	12/12/11
		o-Xylene	60		15 µg/L	12/12/11	12/12/11



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Client ID : **TMW-B1**

Lab ID :	ALS11120542-15A	Benzene	91		5.0 µg/L	12/12/11	12/12/11
Date Sampled	12/02/11 10:40	Toluene	ND	V	5.0 µg/L	12/12/11	12/12/11
		Ethylbenzene	150		5.0 µg/L	12/12/11	12/12/11
		m,p-Xylene	260		5.0 µg/L	12/12/11	12/12/11
		o-Xylene	ND	V	5.0 µg/L	12/12/11	12/12/11

Client ID : **DUP**

Lab ID :	ALS11120542-16A	Benzene	360		15 µg/L	12/12/11	12/12/11
Date Sampled	12/02/11 00:00	Toluene	ND	V	15 µg/L	12/12/11	12/12/11
		Ethylbenzene	400		15 µg/L	12/12/11	12/12/11
		m,p-Xylene	2,400		15 µg/L	12/12/11	12/12/11
		o-Xylene	59		15 µg/L	12/12/11	12/12/11

O = Reporting Limits were increased due to sample foaming.

V = Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha Analytical, Inc. certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Statement of Data Authenticity: Alpha Analytical, Inc. attests that the data reported has not been altered in any way.

12/16/11

**Report Date**



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## VOC Sample Preservation Report

Work Order: ALS11120542

Job: STKM001W-001/ Kinder Morgan-Harbor Island

Alpha's Sample ID	Client's Sample ID	Matrix	pH
11120542-01A	A-5	Aqueous	2
11120542-02A	A-21	Aqueous	2
11120542-03A	A-23R	Aqueous	2
11120542-04A	A-27	Aqueous	2
11120542-05A	A-28R	Aqueous	2
11120542-06A	MW-6	Aqueous	2
11120542-07A	MW-7	Aqueous	2
11120542-08A	MW-9	Aqueous	2
11120542-09A	MW-14	Aqueous	2
11120542-10A	MW-18	Aqueous	2
11120542-11A	MW-19	Aqueous	2
11120542-12A	MW-21	Aqueous	2
11120542-13A	MW-23	Aqueous	2
11120542-14A	MW-24	Aqueous	2
11120542-15A	TMW-B1	Aqueous	2
11120542-16A	DUP	Aqueous	2

12/16/11

Report Date

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:  
19-Dec-11

## QC Summary Report

Work Order:  
11120542

### Method Blank

File ID: 1A12051106.D

Sample ID: MBLK-27835

Units : mg/L

Run ID: FID\_1\_111205A

Test Code: EPA Method SW8015B/C Ext

Batch ID: 27835

Analysis Date: 12/05/2011 15:35

Analyte

Result

PQL

SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual

TPH-E (DRO)

ND 0.25

TPH-E (ORO)

ND 0.5

Surr: Nonane

0.176 0.15

117

49

145

### Laboratory Control Spike

File ID: 1A12051107.D

Sample ID: LCS-27835

Units : mg/L

Run ID: FID\_1\_111205A

Test Code: EPA Method SW8015B/C Ext

Batch ID: 27835

Analysis Date: 12/05/2011 16:01

Analyte

Result

PQL

SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual

TPH-E (DRO)

2.27 0.05 2.5

91

70

130

Surr: Nonane

0.178 0.15

119

49

145

### Sample Matrix Spike

File ID: 1A12051112.D

Sample ID: 11120543-10AMS

Units : mg/L

Run ID: FID\_1\_111205A

Test Code: EPA Method SW8015B/C Ext

Batch ID: 27835

Analysis Date: 12/05/2011 18:09

Analyte

Result

PQL

SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual

TPH-E (DRO)

2.66 0.05 2.5 0.111 102 53 150

Surr: Nonane

0.198 0.15

132

49

145

### Sample Matrix Spike Duplicate

File ID: 1A12051113.D

Sample ID: 11120543-10AMSD

Units : mg/L

Run ID: FID\_1\_111205A

Test Code: EPA Method SW8015B/C Ext

Batch ID: 27835

Analysis Date: 12/05/2011 18:35

Analyte

Result

PQL

SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual

TPH-E (DRO)

2.25 0.05 2.5 0.111 86 53 150

Surr: Nonane

0.13 0.15

87

49

145

2.655 16.5(47)

### Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:  
14-Dec-11

## QC Summary Report

Work Order:  
11120542

### Method Blank

File ID: 11121207.D

Sample ID: MBLK MS15W1212B

Analyte	Units : mg/L	Type: MBLK	Test Code: EPA Method SW8015B/C	Batch ID: MS15W1212B	Analysis Date: 12/12/2011 13:17	Prep Date: 12/12/2011 13:17	Qual
	Result	PQL	SpkVal SpkRefVal %REC	LCL(ME) UCL(ME)	RPDRefVal %RPD(Limit)		
TPH-P (GRO)	ND	0.25					
Surr: 1,2-Dichloroethane-d4	0.00951		0.01	95	70	130	
Surr: Toluene-d8	0.0101		0.01	101	70	130	
Surr: 4-Bromofluorobenzene	0.00982		0.01	98	70	130	

### Laboratory Control Spike

File ID: 11121204.D

Sample ID: GLCS MS15W1212B

Analyte	Units : mg/L	Type: LCS	Test Code: EPA Method SW8015B/C	Batch ID: MS15W1212B	Analysis Date: 12/12/2011 12:01	Prep Date: 12/12/2011 12:01	Qual
	Result	PQL	SpkVal SpkRefVal %REC	LCL(ME) UCL(ME)	RPDRefVal %RPD(Limit)		
TPH-P (GRO)	0.401	0.05	0.4	100	70	130	
Surr: 1,2-Dichloroethane-d4	0.00956		0.01	96	70	130	
Surr: Toluene-d8	0.0101		0.01	101	70	130	
Surr: 4-Bromofluorobenzene	0.0101		0.01	101	70	130	

### Sample Matrix Spike

File ID: 11121210.D

Sample ID: 11120542-01AGS

Analyte	Units : mg/L	Type: MS	Test Code: EPA Method SW8015B/C	Batch ID: MS15W1212B	Analysis Date: 12/12/2011 14:22	Prep Date: 12/12/2011 14:22	Qual
	Result	PQL	SpkVal SpkRefVal %REC	LCL(ME) UCL(ME)	RPDRefVal %RPD(Limit)		
TPH-P (GRO)	2.4	0.25	2 0.2929	105	51	144	
Surr: 1,2-Dichloroethane-d4	0.0484		0.05	97	70	130	
Surr: Toluene-d8	0.0505		0.05	101	70	130	
Surr: 4-Bromofluorobenzene	0.0512		0.05	102	70	130	

### Sample Matrix Spike Duplicate

File ID: 11121211.D

Sample ID: 11120542-01AGSD

Analyte	Units : mg/L	Type: MSD	Test Code: EPA Method SW8015B/C	Batch ID: MS15W1212B	Analysis Date: 12/12/2011 14:44	Prep Date: 12/12/2011 14:44	Qual
	Result	PQL	SpkVal SpkRefVal %REC	LCL(ME) UCL(ME)	RPDRefVal %RPD(Limit)		
TPH-P (GRO)	2.47	0.25	2 0.2929	109	51	144	2.396 3.3(29)
Surr: 1,2-Dichloroethane-d4	0.048		0.05	96	70	130	
Surr: Toluene-d8	0.0505		0.05	101	70	130	
Surr: 4-Bromofluorobenzene	0.0473		0.05	95	70	130	

### Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
 (775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:  
14-Dec-11

## QC Summary Report

Work Order:  
11120542

### Method Blank

File ID: 11121207.D

Sample ID: MBLK MS15W1212A

Analyte	Result	Type: MBLK		Test Code: EPA Method SW8260B			
		Units : µg/L	Run ID: MSD_15_111212A	Batch ID: MS15W1212A	Analysis Date:	12/12/2011 13:17	Prep Date:
Benzene	ND	0.5					
Toluene	ND	0.5					
Ethylbenzene	ND	0.5					
m,p-Xylene	ND	0.5					
o-Xylene	ND	0.5					
Surr: 1,2-Dichloroethane-d4	9.51		10	95	70	130	
Surr: Toluene-d8	10.1		10	101	70	130	
Surr: 4-Bromofluorobenzene	9.82		10	98	70	130	

### Laboratory Control Spike

File ID: 11121205.D

Sample ID: LCS MS15W1212A

Analyte	Result	Type: LCS		Test Code: EPA Method SW8260B			
		Units : µg/L	Run ID: MSD_15_111212A	Batch ID: MS15W1212A	Analysis Date:	12/12/2011 12:22	Prep Date:
Benzene	9.39	0.5	10	94	70	130	
Toluene	9.45	0.5	10	95	80	120	
Ethylbenzene	10.1	0.5	10	101	80	120	
m,p-Xylene	9.82	0.5	10	98	70	130	
o-Xylene	9.61	0.5	10	96	70	130	
Surr: 1,2-Dichloroethane-d4	9.46		10	95	70	130	
Surr: Toluene-d8	10.1		10	101	70	130	
Surr: 4-Bromofluorobenzene	10.5		10	105	70	130	

### Sample Matrix Spike

File ID: 11121208.D

Sample ID: 11120542-01AMS

Analyte	Result	Type: MS		Test Code: EPA Method SW8260B			
		Units : µg/L	Run ID: MSD_15_111212A	Batch ID: MS15W1212A	Analysis Date:	12/12/2011 13:38	Prep Date:
Benzene	48.2	1.3	50	1.7	93	59	138
Toluene	47.6	1.3	50	0	95	68	130
Ethylbenzene	49.9	1.3	50	0	99.8	68	130
m,p-Xylene	49.7	1.3	50	0	99	68	131
o-Xylene	47.3	1.3	50	0	95	70	130
Surr: 1,2-Dichloroethane-d4	52.6		50	0	105	70	130
Surr: Toluene-d8	50.3		50	0	101	70	130
Surr: 4-Bromofluorobenzene	47.7		50	0	95	70	130

### Sample Matrix Spike Duplicate

File ID: 11121209.D

Sample ID: 11120542-01AMSD

Analyte	Result	Type: MSD		Test Code: EPA Method SW8260B			
		Units : µg/L	Run ID: MSD_15_111212A	Batch ID: MS15W1212A	Analysis Date:	12/12/2011 14:00	Prep Date:
Benzene	50.5	1.3	50	1.7	98	59	138
Toluene	51.1	1.3	50	0	102	68	130
Ethylbenzene	52.8	1.3	50	0	106	68	130
m,p-Xylene	51.9	1.3	50	0	104	68	131
o-Xylene	51.3	1.3	50	0	103	70	130
Surr: 1,2-Dichloroethane-d4	52.3		50	0	105	70	130
Surr: Toluene-d8	51.6		50	0	103	70	130
Surr: 4-Bromofluorobenzene	52.2		50	0	104	70	130

### Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

**AMENDED**

Page: 1 of 2

Billing Information :

**CHAIN-OF-CUSTODY RECORD****Alpha Analytical, Inc.**

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778

TEL: (775) 355-1044 FAX: (775) 355-0406

Client:

Antea Group  
4006 148TH AVE NE

Redmond, WA 98052

PO:

Client's COC #: 57381

Report Attention Phone Number EMail Address

Dawna Leong	(425) 498-7726 x	dawna.leong@anteagroup.com
Megan MacDonald	(425) 301-2741 x	megan.macdonald@anteagroup.com

**WA**  
**WorkOrder : ALS11120542****Report Due By : 5:00 PM On : 19-Dec-11**

EDD Required : No

Sampled by : Megan MacDonald

Cooler Temp	Samples Received	Date Printed
3 °C	03-Dec-11	19-Dec-11

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Collection Matrix	Date	No. of Bottles			Requested Tests				Sample Remarks
				Alpha	Sub	TAT	TPH/E_W	TPH/P_W	VOC_W		
ALS11120542-01A	A-5	AQ	12/02/11 08:40	3	0	10		NWTPH-Gx	BTXE_C		
ALS11120542-02A	A-21	AQ	12/02/11 09:00	3	0	10		NWTPH-Gx	BTXE_C		
ALS11120542-03A	A-23R	AQ	12/01/11 10:20	3	0	10		NWTPH-Gx	BTXE_C		
ALS11120542-04A	A-27	AQ	12/02/11 10:20	3	0	10		NWTPH-Gx	BTXE_C		
ALS11120542-05A	A-28R	AQ	12/02/11 10:00	3	0	10		NWTPH-Gx	BTXE_C		
ALS11120542-06A	MW-6	AQ	12/01/11 10:50	3	0	10		NWTPH-Gx	BTXE_C		
ALS11120542-07A	MW-7	AQ	12/01/11 13:00	3	0	10		NWTPH-Gx	BTXE_C		
ALS11120542-08A	MW-9	AQ	12/01/11 12:40	3	0	10		NWTPH-Gx	BTXE_C		
ALS11120542-09A	MW-14	AQ	12/01/11 13:40	3	0	10		NWTPH-Gx	BTXE_C		
ALS11120542-10A	MW-18	AQ	12/02/11 11:00	3	0	10		NWTPH-Gx	BTXE_C		

Comments: Security seals intact. Frozen Ice. Saturday delivery. Samples kept cold and secure until log in Monday. Total Xylenes. Amended 12/19/11 @ 15:17 to add ORO to sample -12A, per Dawna. SC:

Signature

Print Name

Company

Date/Time

Logged in by:

*Sara coffee**Sara coffee*

Alpha Analytical, Inc.

12/19/11 15:18

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)      Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information :

AMENDED

Page: 2 of 2

## CHAIN-OF-CUSTODY RECORD

WA

WorkOrder : ALS11120542

Report Due By : 5:00 PM On : 19-Dec-11

Client:

Antea Group  
4006 148TH AVE NE

Redmond, WA 98052

PO :

Client's COC # : 57381

Report Attention	Phone Number	Email Address
Dawna Leong	(425) 498-7726 x	dawna.leong@anteagroup.com
Megan MacDonald	(425) 301-2741 x	megan.macdonald@anteagroup.com

EDD Required : No

Sampled by : Megan MacDonald

Cooler Temp	Samples Received	Date Printed
3 °C	03-Dec-11	19-Dec-11

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Collection Matrix	No. of Bottles Alpha	Requested Tests					Sample Remarks
				TPH/E_W	TPH/P_W	VOC_W			
ALS11120542-11A	MW-19	AQ	12/01/11 13:20	3	0	10	NWTPH-Gx	BTXE_C	
ALS11120542-12A	MW-21	AQ	12/01/11 09:20	6	0	10	NWTPH-Dx	NWTPH-Gx	BTXE_C
ALS11120542-13A	MW-23	AQ	12/02/11 09:20	3	0	10	NWTPH-Gx	BTXE_C	
ALS11120542-14A	MW-24	AQ	12/02/11 09:40	3	0	10	NWTPH-Gx	BTXE_C	
ALS11120542-15A	TMW-B1	AQ	12/02/11 10:40	3	0	10	NWTPH-Gx	BTXE_C	
ALS11120542-16A	DUP	AQ	12/02/11 00:00	3	0	10	NWTPH-Gx	BTXE_C	

Comments: Security seals intact. Frozen Ice. Saturday delivery. Samples kept cold and secure until log in Monday. Total Xylenes. Amended 12/19/11 @ 15:17 to add ORO to sample -12A, per Dawna. SC :

Signature

Print Name

Company

Date/Time

Logged in by:

Sara coffee

Sara coffee

Alpha Analytical, Inc.

12/19/11 15:18

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

**CHAIN-OF-CUSTODY RECORD****Alpha Analytical, Inc.**

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778

TEL: (775) 355-1044 FAX: (775) 355-0406

Client:

Antea Group  
4006 148TH AVE NE

Redmond, WA 98052

PO :

Client's COC # : 57381

Report Attention	Phone Number	Email Address
Dawna Leong	(425) 498-7726 x	dawna.leong@anteagroup.com
Megan MacDonald	(425) 301-2741 x	megan.macdonald@anteagroup.com

**WorkOrder : ALS11120542****Report Due By : 5:00 PM On : 19-Dec-11**

EDD Required : No

Sampled by : Megan MacDonald

Cooler Temp	Samples Received	Date Printed
3 °C	03-Dec-11	05-Dec-11

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Collection Matrix	Date	No. of Bottles			Requested Tests						Sample Remarks	
				Alpha	Sub	TAT	TPH/E_W	TPH/P_W	VOC_W					
ALS11120542-01A	A-5	AQ	12/02/11 08:40	3	0	10		NWTPH-Gx	BTXE_C					
ALS11120542-02A	A-21	AQ	12/02/11 09:00	3	0	10		NWTPH-Gx	BTXE_C					
ALS11120542-03A	A-23R	AQ	12/01/11 10:20	3	0	10		NWTPH-Gx	BTXE_C					
ALS11120542-04A	A-27	AQ	12/02/11 10:20	3	0	10		NWTPH-Gx	BTXE_C					
ALS11120542-05A	A-28R	AQ	12/02/11 10:00	3	0	10		NWTPH-Gx	BTXE_C					
ALS11120542-06A	MW-6	AQ	12/01/11 10:50	3	0	10		NWTPH-Gx	BTXE_C					
ALS11120542-07A	MW-7	AQ	12/01/11 13:00	3	0	10		NWTPH-Gx	BTXE_C					
ALS11120542-08A	MW-9	AQ	12/01/11 12:40	3	0	10		NWTPH-Gx	BTXE_C					
ALS11120542-09A	MW-14	AQ	12/01/11 13:40	3	0	10		NWTPH-Gx	BTXE_C					
ALS11120542-10A	MW-18	AQ	12/02/11 11:00	3	0	10		NWTPH-Gx	BTXE_C					

Comments: Security seals intact. Frozen Ice. Saturday delivery. Samples kept cold and secure until log in Monday. Total Xylenes. :

Signature

Print Name

Company

Date/Time

Logged in by:

*Sara coffee**Sara coffee*

Alpha Analytical, Inc.

12/5/11 11:38

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)      Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

**CHAIN-OF-CUSTODY RECORD****Alpha Analytical, Inc.**

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778

TEL: (775) 355-1044 FAX: (775) 355-0406

Client:

Antea Group  
4006 148TH AVE NE

Redmond, WA 98052

PO :

Client's COC #: 57381

Report Attention	Phone Number	Email Address
Dawna Leong	(425) 498-7726 x	dawna.leong@anteagroup.com
Megan MacDonald	(425) 301-2741 x	megan.macdonald@anteagroup.com

**WA****WorkOrder : ALS11120542****Report Due By : 5:00 PM On : 19-Dec-11**

EDD Required : No

Sampled by : Megan MacDonald

Cooler Temp	Samples Received	Date Printed
3 °C	03-Dec-11	05-Dec-11

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Collection Matrix	Date	No. of Bottles			Requested Tests					Sample Remarks
				Alpha	Sub	TAT	TPH/E_W	TPH/P_W	VOC_W			
ALS11120542-11A	MW-19	AQ	12/01/11 13:20	3	0	10	NWTPH-Gx	BTXE_C				
ALS11120542-12A	MW-21	AQ	12/01/11 09:20	6	0	10	NWTPH-Dx	NWTPH-Gx	BTXE_C			
ALS11120542-13A	MW-23	AQ	12/02/11 09:20	3	0	10		NWTPH-Gx	BTXE_C			
ALS11120542-14A	MW-24	AQ	12/02/11 09:40	3	0	10		NWTPH-Gx	BTXE_C			
ALS11120542-15A	TMW-B1	AQ	12/02/11 10:40	3	0	10		NWTPH-Gx	BTXE_C			
ALS11120542-16A	DUP	AQ	12/02/11 00:00	3	0	10		NWTPH-Gx	BTXE_C			

Comments: Security seals intact. Frozen Ice. Saturday delivery. Samples kept cold and secure until log in Monday. Total Xylenes. :

Signature

Print Name

Company

Date/Time

Logged in by:

*Sara Coffee**Sara Coffee*

Alpha Analytical, Inc.

12/5/11 11:38

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

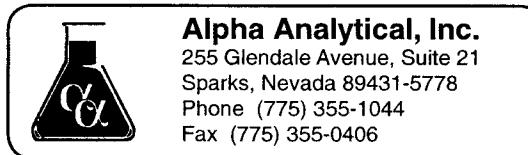
Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)      Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other



57382

**Billing Information:**

Company Name Antea Group  
Attn: Dawn Leong  
Address 4006 14th Ave NE  
City, State, Zip Redmond WA 98052  
Phone Number 425-498-1724 Fax 425-869-1892



**Alpha Analytical, Inc.**  
255 Glendale Avenue, Suite 21  
Sparks, Nevada 89431-5778  
Phone (775) 355-1044  
Fax (775) 355-0406

## **Samples Collected From Which State? ↗**

AZ \_\_\_\_ CA \_\_\_\_ NV \_\_\_\_ WA  DOD Site  
ID \_\_\_\_ OR \_\_\_\_ OTHER \_\_\_\_ Page # 2 of 2

**DOD Site**

Page # 2 of 2

Consultant / Client Name <i>Name as above.</i>				Job # <i>STRM001-W-0001</i>	Job Name <i>Kinder Morgan Harbor Island</i>	Data Validation Level: III or IV					
Address				Report Attention / Project Manager							
City, State, Zip				Name: <i>Dawnna Leong</i> Email: <i>dawnna.leong@antecgroup.com</i>							
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number	Office (Use Only)	Sample Description	TAT	Field Filtered	# Containers**	BTX	NuTPH-GX
9:40	12-2-11	AQ		-14A	MW-24	Standard	N	3V	X X		
10:40	12-2-11	↓	FOR	-GA	TMW-B1		↓	↓	↓	↓	↓
-	12-2-11	↓		-16A	DUP						
<b>LAB</b>											
<b>USE</b>											
<b>ONLY</b>											

## **ADDITIONAL INSTRUCTIONS:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled By: Megan Mac Donald TORTEX

Relinquished by: (Signature/Affiliation)	<i>M. Antea</i>	Received by: (Signature/Affiliation)	Date: 12-2-11	Time: 12:30
Relinquished by: (Signature/Affiliation)		Received by: (Signature/Affiliation) <i>Sera Copee</i>	Date: 12/5/11	Time: 8:24
Relinquished by: (Signature/Affiliation)		Received by: (Signature/Affiliation)	Date:	Time:

\*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air \*\*: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

**NOTE:** Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

## ***Appendix B***

Field Sampling Sheets

DATE 12-1-11

1

**MONITORING WELL ELEVATION DATA  
KINDER MORGAN - HARBOR ISLAND TERMINAL**

Well Number	Depth To Groundwater (TOC)	Total Depth (feet)	Well Diameter (inches)	Depth to SPH	SPH Thickness (feet)	SPH Last Test (feet)	Comments
A-4	7.16		4"				
A-5	7.89	18.46	4"				Bio-activity
A-6	6.95		4"				sheen, sock.
A-8	8.06	25.60	4"				
A-10	6.96	25.20	4"				
A-11	7.82		4"				
A-12	6.66		4"				
A-14R	7.68	14.88	2"				
A-16	8.24		4"				sock, heavy sheen.
A-18	8.11		4"				
A-19	8.14		4"				
A-20	7.70		4"				
A-21	7.81	14.50	4"				
A-22R	7.75		4"				
A-23R	9.09	16.20	2"				
A-25	7.52						
A-26R	7.81						
A-27	10.72	17.90	4"				
A-28R	8.32	14.25	2"				odor
12	2.13		4"				SOCK
MW-1	5.80	13.05	4"				
MW-2	7.56	12.59	4"				
MW-3	3.27	13.30	4"				SOCK
MW-4	6.52	15.18	4"				
MW-5	2.80	13.40	4"				
MW-6	7.45	12.75	4"				

DATE \_\_\_\_\_

2

**MONITORING WELL ELEVATION DATA  
KINDER MORGAN - HARBOR ISLAND TERMINAL**

Well Number	Depth To Groundwater (TOC)	Total Depth (feet)	Well Diameter (inches)	Depth to SPH	SPH Thickness (feet)	SPH Last Test (feet)	Comments
MW-7	2.67	12.82	4"				
MW-8	3.11	10.30	4"				
MW-9	2.90	11.20	4"				Slimey, soot
MW-12R	7.51	14.45	2"				
MW-13R	7.21	14.10	2"				Vault needs repair.
MW-14	3.17	13.44	4"				
MW-16	7.45	13.84	2"				
MW-18	7.38	13.65	2"				
MW-19	3.03	12.90	2"				
MW-20	3.08	12.90	2"				
MW-21	2.77	12.80	2"				soot, sheen
MW-22	8.48	13.90	2"				
MW-23	7.58	14.60	4"				soot
MW-24	1.73	14.70	4"				soot
SH-02R	5.50	14.98	2"				
SH-05R	7.09	15.03	2"				
MW-07R	6.24	14.90	2"				

TMW-B1 8.17

odors

# GROUNDWATER SAMPLING FIELD SHEET

ANTEA PROJECT NUMBER:	STKM-0001-W	CLIENT:	Kinder Morgan
SITE No./JOB No.:	STKM-001-W	PAGE:	1 of 3
SITE ADDRESS/LOCATION:	Harbor Island, Seattle, WA	DATE:	12-1-11
FIELD TECHNICIAN(S):	M. MacDonald <i>[Signature]</i> Thuan Bui	WEATHER:	Fog 38°F

## Bioparameter / Water Quality Measurements: (Pre-Purge / Post- Purge) *(Low-flow Cell)*

Well ID	TEMP (°C)	COND (ms/cm)	TDS (g/L)	DO (mg/L)	pH	ORP (mV)	Comments
A-5	15.18	0.449	0.520	1.37	6.80	104.0	8.46
	15.28	0.650	0.519	1.44	6.80	105.0	
	15.30	0.651	0.519	1.43	6.79	104.9	
	15.28	0.651	0.520	1.41	6.79	105.2	
A-21	14.91	0.296	0.239	0.45	6.56	115.9	9.06
	14.87	0.295	0.238	0.72	6.53	116.2	
	14.88	0.294	0.237	0.71	6.51	116.6	
	14.93	0.294	0.236	0.70	6.49	116.9	
A-23R	12.95	0.915	0.773	1.21	6.58	19.6	10:20
	12.96	0.916	0.773	1.24	6.58	20.0	
	13.10	0.918	0.772	1.26	6.59	19.0	
	13.17	0.919	0.771	1.15	6.59	18.6	
A-27	14.08	0.168	0.138	0.69	6.26	112.1	10:20
	14.12	0.168	0.138	0.75	6.26	112.2	
	14.14	0.168	0.138	0.69	6.26	112.1	
	14.14	0.169	0.138	0.77	6.26	112.1	
A-28R	14.91	0.915	0.797	0.83	6.21	113.2	10:00
	14.91	0.245	0.198	0.33	6.25	113.0	
	14.91	0.246	0.198	0.32	6.25	112.8	
	14.90	0.246	0.198	0.30	6.25	112.6	
MW-6	14.74	0.390	0.315	0.95	6.72	21.6	10:50
	14.76	0.390	0.315	0.93	6.72	21.8	
	14.76	0.391	0.316	0.92	6.72	22.1	
	14.76	0.391	0.316	0.90	6.72	22.3	
MW-7	13.68	0.184	0.153	1.61	6.53	25.4	13:00
	13.63	0.184	0.153	0.55	6.54	25.2	
	13.64	0.184	0.153	0.47	6.54	25.0	
	13.64	0.184	0.153	0.42	6.55	24.6	

System Instructions:	Remedial System On-Site (Y/N)?	Comments:
	Operational Upon Arrival (Y/N)?	Comments:
	Shut Down System 1 / 24 hours before Gauging (Y/N)?	Time/Date Downed:
	Re-Start System (Y/N)?	Time/Date Restarted:

Purge Water Disposal Method:	<input type="checkbox"/> Treated through Mobile Carbon System	No. of drums:
	<input checked="" type="checkbox"/> Placed in drums on site	
	<input type="checkbox"/> Transported off-site for treatment (Attach Bill of Lading)	
Facility/Location:	Hauler:	

Instrument Calibration: Note: Use DO Meter and YSI for Field Measurements.

YSI (Calibration Check):	pH (4.00 ref.)	Cond. (4.49 ref.)
DO Meter:	mg/L	% Saturation
PID:	ppm	(100 ppm Isobutylene Calibration Gas)

**GROUNDWATER SAMPLING FIELD SHEET**

ANTEA PROJECT NUMBER:	STKM-001-W	CLIENT:	Kinder Morgan
SITE No./JOB No.:	Harbor Island, Seattle, WA	PAGE:	2 of 3
SITE ADDRESS/LOCATION:		DATE:	
FIELD TECHNICIAN(S):	M. MacDonald /D. Rowlands	WEATHER:	

**Bioparameter / Water Quality Measurements: (Pre-Purge / Post- Purge / Low-flow Cell)**

Well ID	TEMP (°C)	COND (ms/cm)	TDS (g/L)	DO (mg/L)	pH	ORP (mV)	Comments
MW-9	12.52	0.214	0.183	0.89	6.21	29.3	12:40
	12.51	0.215	0.184	0.74	6.24	29.1	
	12.51	0.216	0.184	0.68	6.24	28.8	
	12.58	0.217	0.185	0.66	6.24	28.6	
MW-14	12.72	0.272	0.231	0.33	6.25	21.7	13:40
	12.74	0.272	0.231	0.33	6.23	21.8	.
	12.74	0.273	0.231	0.31	6.24	21.8	
	12.76	0.273	0.231	0.31	6.24	21.9	
MW-18	13.57	0.191	0.198	0.64	6.89	119.0	11:00
	13.62	0.190	0.198	0.60	6.89	118.6	
	13.68	0.189	0.157	0.59	6.89	118.2	
	13.67	0.188	0.157	0.57	6.89	117.7	
MW-19	13.81	0.177	0.146	0.51	6.59	22.6	13:20
	13.88	0.175	0.144	0.46	6.59	22.3	
	13.88	0.173	0.143	0.43	6.59	21.9	
	13.87	0.172	0.142	0.41	6.59	21.7	
MW-21	11.41	0.043	0.038	1.16	6.74	29.4	12:20
	11.39	0.043	0.037	1.15	6.70	29.5	
	11.37	0.042	0.037	1.16	6.67	29.5	
	11.36	0.042	0.037	1.16	6.64	29.7	
MW-23	15.27	0.711	0.618	0.93	6.16	109.9	9:20
	15.32	0.715	0.618	0.96	6.16	109.8	
	15.34	0.716	0.618	0.81	6.16	109.8	
	15.35	0.716	0.618	0.81	6.16	109.8	
MW-24	14.10	0.131	0.107	0.94	6.00	113.7	9:40
	14.11	0.129	0.106	0.52	5.99	114.2	Dup sample collected.
	14.12	0.127	0.104	0.49	5.98	114.2	
	14.15	0.125	0.102	0.48	5.96	114.3	

System Instructions:	Remedial System On-Site (Y/N)?		Comments:
	Operational Upon Arrival (Y/N)?		Comments:
	Shut Down System 1 / 24 hours before Gauging (Y/N)?		Time/Date Downed:
	Re-Start System (Y/N)?		Time/Date Restarted:

Purge Water Disposal Method:	<input type="checkbox"/> Treated through Mobile Carbon System		
	<input checked="" type="checkbox"/> Placed in drums on site	No. of drums:	
	<input type="checkbox"/> Transported off-site for treatment (Attach Bill of Lading)	Facility/Location: Hauler:	

Instrument Calibration:	Note: Use DO Meter and YSI for Field Measurements.		
YSI (Calibration Check):	pH (4.00 ref.)	Cond. (4.49 ref.)	Turb. (0.0 ref.)
DO Meter:	mg/L	% Saturation	Temp
PID:	ppm	(100 ppm Isobutylene Calibration Gas)	

# GROUNDWATER SAMPLING FIELD SHEET

DELTA PROJECT NUMBER:	STKM-001-W	CLIENT:	Kinder Morgan
SITE No./JOB No.:	Harbor Island, Seattle, WA	PAGE:	3 of 3
SITE ADDRESS/LOCATION:		DATE:	
FIELD TECHNICIAN(S):	M. MacDonald /D. Rowlands	WEATHER:	

**Bioparameter / Water Quality Measurements: (Pre-Purge / Post- Purge / Low-flow Cell)**

Well ID	TEMP (°C)	COND (ms/cm)	TDS (g/L)	DO (mg/L)	pH	ORP (mV)	Comments
TMW-B1	14.40	0.448	0.366	0.31	6.39	109.9	10:40 Strong headspace odors in well box.
	14.40	0.448	0.365	0.30	6.40	109.6	
	14.43	0.448	0.365	0.32	6.41	109.4	
	14.45	0.448	0.364	0.33	6.42	109.2	
TMW-C1							
TMW-C2							
TMW-C3							
TMW-C4							

System Instructions:	Remedial System On-Site (Y/N)?	Comments:
	Operational Upon Arrival (Y/N)?	Comments:
	Shut Down System 1 / 24 hours before Gauging (Y/N)?	Time/Date Downed:
	Re-Start System (Y/N)?	Time/Date Restarted:

Purge Water Disposal Method:	<input type="checkbox"/> Treated through Mobile Carbon System	No. of drums:
	<input checked="" type="checkbox"/> Placed in drums on site	
	<input type="checkbox"/> Transported off-site for treatment (Attach Bill of Lading)	

Instrument Calibration:	Note: Use DO Meter and YSI for Field Measurements.		
YSI (Calibration Check):	pH (4.00 ref.)	Cond. (4.49 ref.)	Turb. (0.0 ref.)
DO Meter:	mg/L	% Saturation	Temp
PID:	ppm	(100 ppm Isobutylene Calibration Gas)	