

# **QUARTERLY GROUNDWATER MONITORING REPORT FIRST QUARTER 2012**

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

*Antea<sup>TM</sup> Group Project No. KMHI-0002-A  
March 2012*

*Prepared for:*  
**Kinder Morgan Liquids Terminals LLC**  
1100 Town & Country Road  
Orange, CA 92868

*Prepared by:*  
**Antea<sup>TM</sup> Group**  
4006 148<sup>th</sup> Avenue NE  
Redmond, WA 98052  
800 477 7411



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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 First Quarter 2012 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 March 1 and 2, 2012. 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.

First Quarter 2012 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-16, 12, and MW-21.

Concentrations of total petroleum hydrocarbons as gasoline (TPH-G) ranged from non-detectable at the method reporting limit (MRL) to 8.7 milligrams per liter (mg/L) in MW-24. Total petroleum hydrocarbons as diesel (TPH-D) were detected at 0.51 mg/L in MW-21. Although not included in the Reduced Monitoring Plan, due to a recent diesel release adjacent to the east side of Tank 25, MW-7 was also analyzed for TPH-D. Laboratory analytical results indicate that TPH-D was not detected above the laboratory MRL in MW-7. 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 other parties and consists of petroleum pipeline distribution manifold in the western portion of the yard and an office building and vehicle storage facilities in the eastern portion of the yard.

### **1.1 Monitoring Well Status**

During this monitoring event, absorbent socks were present in eight wells (A-4, A-6, A-16, 12, MW-7, MW-21, MW-23 and MW-24). Socks have been placed in each of eight 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 March 1 and 2, 2012. This event serves as the First Quarter monitoring event for 2012. 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 March 1, 2012 using an electronic oil/water interface probe. Measurable SPH was not observed in any well. Sheens were observed in Wells A-16, 12, 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 March 1 and 2, 2012 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 samples collected from Wells MW-7 and 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. Although not included in the Reduced Monitoring Plan, due to a recent diesel release adjacent to the east side of Tank 25, MW-7 was also analyzed for TPH-D. 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-16, 12, 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 8.7 milligrams per liter (mg/L) in Well MW-24. TPH-D was detected at 0.51 mg/L in MW-21. The highest concentration of benzene, toluene, ethylbenzene, and xylenes were observed at 0.53 mg/L (MW-24), 0.097 mg/L (MW-7), 0.34 mg/L (MW-19), and 1.1 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-16, 12, 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.

Prepared by:



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Megan MacDonald  
Project Geologist

Date: March 2012

Reviewed by:



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Dawna Leong, P.E.  
Senior Engineer



Date: March 2012

## ***Tables***

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**  
**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-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**  
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-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
	12/01/11	13.22	7.16	--	6.06
	<b>03/01/12</b>	<b>13.22</b>	<b>NM</b>	<b>--</b>	<b>NM</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-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
	12/01/11	14.13	7.89	-	6.24
	<b>03/01/12</b>	<b>14.13</b>	<b>7.62</b>	-	<b>6.51</b>

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
 Kinder Morgan Liquids Terminals, LLC  
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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*
	12/01/11	12.81	6.95	Sheen	5.86
	<b>03/01/12</b>	<b>12.81</b>	<b>6.60</b>	<b>--</b>	<b>6.21</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	-	Inaccessible
	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
	12/01/11	14.61	8.06	-	6.55
	<b>03/01/12</b>	<b>14.61</b>	<b>7.74</b>	-	<b>6.87</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
	12/01/11	13.51	6.96	-	6.55
	<b>03/01/12</b>	<b>13.51</b>	<b>6.72</b>	-	<b>6.79</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
	12/01/11	14.40	7.82	-	6.58
	<b>03/01/12</b>	<b>14.40</b>	<b>7.55</b>	<b>-</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>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
	12/01/11	12.95	6.66	-	6.29
	<b>03/01/12</b>	<b>12.95</b>	<b>6.46</b>	-	<b>6.49</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
	12/01/11	14.21	7.68	-	6.53
	<b>03/01/12</b>	<b>14.21</b>	<b>7.42</b>	<b>-</b>	<b>6.79</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*
	12/01/11	14.39	8.24	Sheen	6.15
	<b>03/01/12</b>	<b>14.39</b>	<b>7.94</b>	<b>Sheen</b>	<b>6.45</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
	12/01/11	14.74	8.11	-	6.63
	<b>03/01/12</b>	<b>14.74</b>	<b>7.83</b>	-	<b>6.91</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
	12/01/11	14.57	8.14	-	6.43
	<b>03/01/12</b>	<b>14.57</b>	<b>7.82</b>	<b>-</b>	<b>6.75</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
	12/01/11	14.19	7.70	-	6.49
	<b>03/01/12</b>	<b>14.19</b>	<b>7.41</b>	<b>-</b>	<b>6.78</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>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
	12/01/11	14.35	7.81	-	6.54
	<b>03/01/12</b>	<b>14.35</b>	<b>7.53</b>	-	<b>6.82</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
	12/01/11	14.11	7.75	-	6.36
	<b>03/01/12</b>	<b>14.11</b>	<b>7.37</b>	<b>-</b>	<b>6.74</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
	12/01/11	15.57	9.09	--	6.48
	<b>03/01/12</b>	<b>15.57</b>	<b>8.79</b>	<b>--</b>	<b>6.78</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>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
	12/01/11	13.90	7.52	--	6.38
	<b>03/01/12</b>	<b>13.90</b>	<b>7.75</b>	<b>--</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-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
	12/01/11	14.19	7.81	-	6.38
	<b>03/01/12</b>	<b>14.19</b>	<b>7.47</b>	<b>-</b>	<b>6.72</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>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
	12/01/11	17.22	10.72	-	6.50
	<b>03/01/12</b>	<b>17.22</b>	<b>10.44</b>	-	<b>6.78</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>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
	12/01/11	14.93	8.32	-	6.61
	<b>03/01/12</b>	<b>14.93</b>	<b>7.95</b>	-	<b>6.98</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*
	12/01/11	9.79	2.13	--	7.66
	<b>03/01/12</b>	<b>9.79</b>	<b>1.65</b>	<b>Sheen</b>	<b>8.14</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
	12/01/11	13.21	5.80	-	7.41
	<b>03/01/12</b>	<b>13.21</b>	<b>5.59</b>	-	<b>7.62</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
	12/01/11	15.22	7.56	-	7.66
	<b>03/01/12</b>	<b>15.22</b>	<b>7.03</b>	-	<b>8.19</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
	12/01/11	11.39	3.27	-	8.12
	<b>03/01/12</b>	<b>11.39</b>	<b>2.99</b>	-	<b>8.40</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
	12/01/11	14.69	6.52	-	8.17
	<b>03/01/12</b>	<b>14.69</b>	<b>6.38</b>	-	<b>8.31</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
	12/01/11	11.13	2.80	-	8.33
	<b>03/01/12</b>	<b>11.13</b>	<b>2.66</b>	<b>-</b>	<b>8.47</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
	12/01/11	15.17	7.45	-	7.72
	<b>03/01/12</b>	<b>15.17</b>	<b>6.97</b>	-	<b>8.20</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
	12/01/11	10.62	2.67	--	7.95
	<b>03/01/12</b>	<b>10.62</b>	<b>2.80</b>	<b>--</b>	<b>7.82</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
	12/01/11	10.63	3.11	-	7.52
	<b>03/01/12</b>	<b>10.63</b>	<b>3.18</b>	-	<b>7.45</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
	12/01/11	9.75	2.90	--	6.85
	<b>03/01/12</b>	<b>9.75</b>	<b>2.96</b>	<b>--</b>	<b>6.79</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
	12/01/11	15.47	7.51	-	7.96
	<b>03/01/12</b>	<b>15.47</b>	<b>7.31</b>	<b>-</b>	<b>8.16</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
	12/01/11	15.15	7.21	-	7.94
	<b>03/01/12</b>	<b>15.15</b>	<b>6.99</b>	-	<b>8.16</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
	12/01/11	11.44	3.17	-	8.27
	<b>03/01/12</b>	<b>11.44</b>	<b>3.05</b>	-	<b>8.39</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
	12/01/11	15.23	7.45	-	7.78
	<b>03/01/12</b>	<b>15.23</b>	<b>6.81</b>	-	<b>8.42</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
	12/01/11	15.49	7.38	-	8.11
	<b>03/01/12</b>	<b>15.49</b>	<b>6.88</b>	-	<b>8.61</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-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
	12/01/11	11.39	3.03	-	8.36
	<b>03/01/12</b>	<b>11.39</b>	<b>2.82</b>	-	<b>8.57</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-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
	12/01/11	11.72	3.08	-	8.64
	<b>03/01/12</b>	<b>11.72</b>	<b>3.09</b>	-	<b>8.63</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>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
	12/01/11	9.41	2.77	Sheen	6.64
	<b>03/01/12</b>	<b>9.41</b>	<b>2.27</b>	<b>Sheen</b>	<b>7.14</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
	12/01/11	16.32	8.48	-	7.84
	<b>03/01/12</b>	<b>16.32</b>	<b>7.98</b>	-	<b>8.34</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
	12/01/11	14.15	7.58	--	6.57
	<b>03/01/12</b>	<b>14.15</b>	<b>7.35</b>	<b>--</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-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
	12/01/11	14.34	7.73	--	6.61
	<b>03/01/12</b>	<b>14.34</b>	<b>7.39</b>	<b>--</b>	<b>6.95</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-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
	12/01/11	13.40	5.50	-	7.90
	<b>03/01/12</b>	<b>13.40</b>	<b>5.34</b>	-	<b>8.06</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
	12/01/11	13.89	7.09	-	6.80
	<b>03/01/12</b>	<b>13.89</b>	<b>6.89</b>	<b>-</b>	<b>7.00</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
	12/01/11	13.92	6.24	-	7.68
	<b>03/01/12</b>	<b>13.92</b>	<b>6.10</b>	<b>-</b>	<b>7.82</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
	12/01/11	NM	8.17		NM
	<b>03/01/12</b>	<b>NM</b>	<b>7.75</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
	12/01/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0010	NA
	<b>03/01/12</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;0.0005</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 <sup>***</sup>
	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 <sup>***</sup>
	08/29/11	2.3	NA	NA	0.0022	0.0055	0.026	0.16	NA
	12/01/11	5.2	NA	NA	<0.0005	0.026	0.036	0.83	NA
	<b>03/01/12</b>	<b>6.0</b>	<b>&lt;0.25</b>	<b>&lt;0.50</b>	<b>0.011</b>	<b>0.097</b>	<b>0.24</b>	<b>0.90</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
	12/01/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	0.0024	NA
	<b>03/01/12</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;0.0005</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
	12/01/11	<0.25	NA	NA	<0.0010	<0.0010	<0.0010	0.0032	NA
	<b>03/01/12</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>&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-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
	12/02/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0010	NA
	<b>03/02/12</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;0.0005</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
	12/01/11	7.5	NA	NA	0.059	0.034	0.22	0.30	NA
	<b>03/01/12</b>	<b>6.4</b>	<b>NA</b>	<b>NA</b>	<b>0.15</b>	<b>0.064</b>	<b>0.34</b>	<b>0.44</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**  
**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-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
	12/01/11	<0.25	1.7	NA	<0.0010	<0.0010	<0.0010	<0.0020	NA
	<b>03/01/12</b>	<b>&lt;0.25</b>	<b>0.51</b>	<b>&lt;0.50</b>	<b>&lt;0.0010</b>	<b>&lt;0.0010</b>	<b>&lt;0.0010</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-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
	12/02/11	5.3	NA	NA	0.29	0.0076	0.13	0.017	NA
	<b>03/02/12</b>	<b>4.0</b>	<b>NA</b>	<b>NA</b>	<b>0.12</b>	<b>0.0029</b>	<b>0.13</b>	<b>0.027</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
	12/02/11	18	NA	NA	0.37	0.016	0.42	2.56	NA
	<b>03/02/12</b>	<b>8.7</b>	<b>NA</b>	<b>NA</b>	<b>0.53</b>	<b>0.014</b>	<b>0.25</b>	<b>1.1</b>	<b>NA</b>
<b>DUP</b>	<b>03/02/12</b>	<b>8.2</b>	<b>NA</b>	<b>NA</b>	<b>0.53</b>	<b>0.016</b>	<b>0.25</b>	<b>1.1</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
	12/02/11	0.29	NA	NA	0.0017	<0.0010	<0.0010	<0.0020	NA
	<b>03/02/12</b>	<b>&lt;0.25</b>	<b>NA</b>	<b>NA</b>	<b>0.00094</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</b>	<b>&lt;0.0005</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**

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-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
	12/02/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0010	NA
	<b>03/02/12</b>	<b>1.7</b>	<b>NA</b>	<b>NA</b>	<b>&lt;0.0010</b>	<b>&lt;0.0010</b>	<b>0.16</b>	<b>0.026</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 <sup>*</sup>
	11/05/02	0.74	1.7	<0.5	0.22	<0.0015	0.0059	0.014	0.18 <sup>*</sup>
	02/19/03	0.71	2.3	<0.5	0.26	0.0033	0.0054	0.0059	0.049 <sup>*</sup>
	06/10/03	<0.25	1.8	<0.25	0.0073	<0.001	0.0028	<0.001	<0.005 <sup>*</sup>
	09/16/03	0.70	1.3	<0.50	0.043	0.0029	0.057	0.0018	0.38 <sup>*</sup>
	11/19/03	1.0	0.78	<0.50	0.08	0.0037	0.069	0.0035	0.13 <sup>*</sup>
	02/25/04	1.6	0.78	<0.50	0.26	0.0072	0.061	0.015	0.081 <sup>*</sup>
	05/12/04	0.28	0.45	<0.50	0.020	0.00075	0.0022	0.00082	<0.0050 <sup>*</sup>
	08/25/04	2.3	0.35	<0.50	0.46	0.012	0.074	0.02	0.012 <sup>*</sup>
	12/14/04	2.0	0.65	<0.50	0.37	0.0084	0.041	0.013	0.018 <sup>*</sup>
	03/10/05	0.60	0.31	<0.50	0.035	0.0011	0.0045	0.0014	0.035 <sup>*</sup>
	06/07/05	0.33	<0.25	<0.50	0.0080	<0.0005	0.0012	<0.0005	0.013 <sup>*</sup>
	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 <sup>*</sup>
	03/15/06	1.1	<0.25	<0.50	0.34	0.0033	<0.0025	0.0051	<0.0050 <sup>*</sup>
	06/08/06	0.34	<0.25	<0.50	0.033	<0.0005	<0.0005	0.031	0.0081 <sup>*</sup>
	09/12/06	0.42	<0.25	<0.50	0.010	<0.0005	0.032	0.0013	0.035 <sup>*</sup>
	12/12/06	2.1	<0.25	<0.50	0.52	0.0066	0.053	0.021	<0.0050 <sup>*</sup>
	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 <sup>*</sup>
	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 <sup>*</sup>
	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 <sup>*</sup>
	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 <sup>***</sup>
	08/29/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/01/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0010	NA
	<b>03/01/12</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;0.0005</b>	<b>NA</b>
<b>A-25</b>	06/16/11	4.1	NA	NA	0.27	0.038	0.28	0.19	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-26R</b>	05/25/11	22	NA	NA	4.0	0.095	1.6	0.75	NA
<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
	12/02/11	2.2	NA	NA	0.016	0.0026	0.030	0.0094	NA
	<b>03/01/12</b>	<b>1.4</b>	<b>NA</b>	<b>NA</b>	<b>0.012</b>	<b>0.0018</b>	<b>0.035</b>	<b>0.0077</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
	12/02/11	3.6	NA	NA	0.074	0.0022	0.056	0.0092	NA
	<b>03/02/12</b>	<b>2.6</b>	<b>NA</b>	<b>NA</b>	<b>0.086</b>	<b>0.0022</b>	<b>0.075</b>	<b>0.012</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
	12/02/11	6.6	NA	NA	0.091	<0.0050	0.15	0.26	NA
	<b>03/01/12</b>	<b>8.0</b>	<b>NA</b>	<b>NA</b>	<b>0.079</b>	<b>&lt;0.0025</b>	<b>0.28</b>	<b>0.55</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
	12/02/11	0.90	NA	NA	NA	NA	NA
	<b>03/01/12</b>	<b>1.69</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
	12/01/11	0.42	NA	NA	NA	NA	NA
	<b>03/01/12</b>	<b>0.25</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
	12/01/11	0.66	NA	NA	NA	NA	NA
	<b>03/01/12</b>	<b>1.35</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	NA	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
	12/01/11	0.31	NA	NA	NA	NA	NA
	<b>03/01/12</b>	<b>1.10</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
	12/02/11	0.57	NA	NA	NA	NA	NA
	<b>12/02/11</b>	<b>0.72</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
	12/01/11	0.41	NA	NA	NA	NA	NA
	<b>03/01/12</b>	<b>0.26</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

**TABLE 3  
GROUNDWATER NATURAL ATTENUATION PARAMETERS**

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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-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
	12/01/11	1.16	NA	NA	NA	NA	NA
	<b>03/01/12</b>	<b>0.79</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  
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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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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
	12/02/11	0.89	NA	NA	NA	NA	NA
	<b>03/02/12</b>	<b>0.65</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-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
	12/02/11	0.48	NA	NA	NA	NA	NA
	<b>03/02/12</b>	<b>1.52</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-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

**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-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
	12/02/11	1.41	NA	NA	NA	NA	NA
	<b>03/02/12</b>	<b>0.37</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



**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-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
	12/02/11	0.70	NA	NA	NA	NA	NA
	<b>03/02/12</b>	<b>0.29</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>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
	12/02/11	1.15	NA	NA	NA	NA	NA
	<b>03/01/12</b>	<b>1.47</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>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
	12/02/11	0.77	NA	NA	NA	NA	NA
	<b>03/01/12</b>	<b>0.32</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>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
	12/02/11	0.30	NA	NA	NA	NA	NA
	<b>03/02/12</b>	<b>2.47</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>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

**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>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
	12/02/11	0.33	NA	NA	NA	NA	NA
	<b>03/01/12</b>	<b>0.30</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

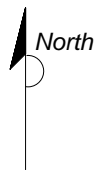
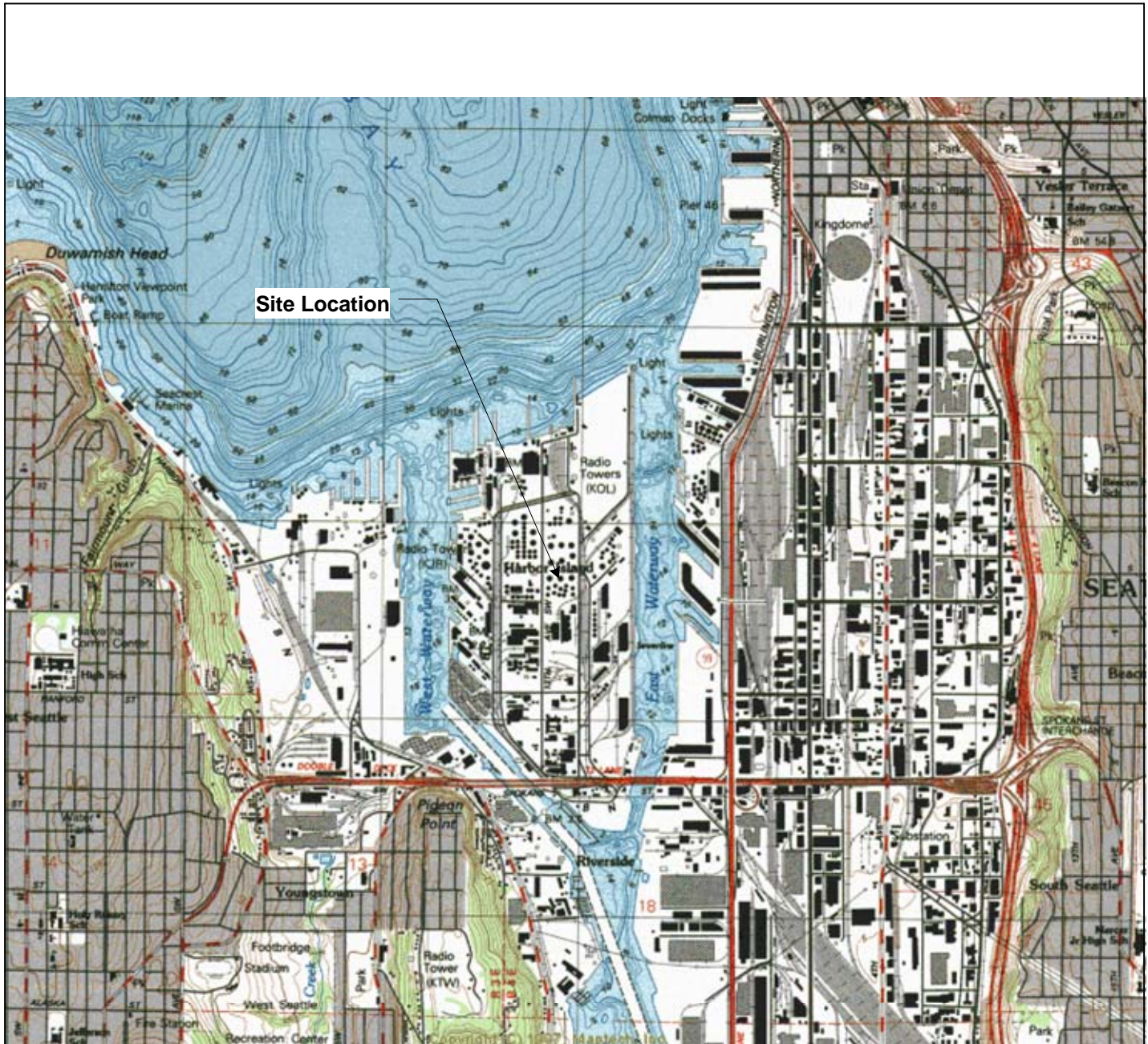
**TABLE 3  
GROUNDWATER NATURAL ATTENUATION PARAMETERS**

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

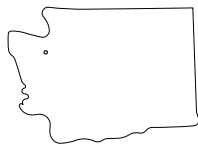
Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
<b>Notes:</b>							
NA = Not Analyzed							
NS = Not Sampled							
* DUP-1 is a duplicate sample for MW-3; DUP-2 is a duplicate sample for A-23R.							
** Analysis 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



APPROX. SCALE

FIGURE 1

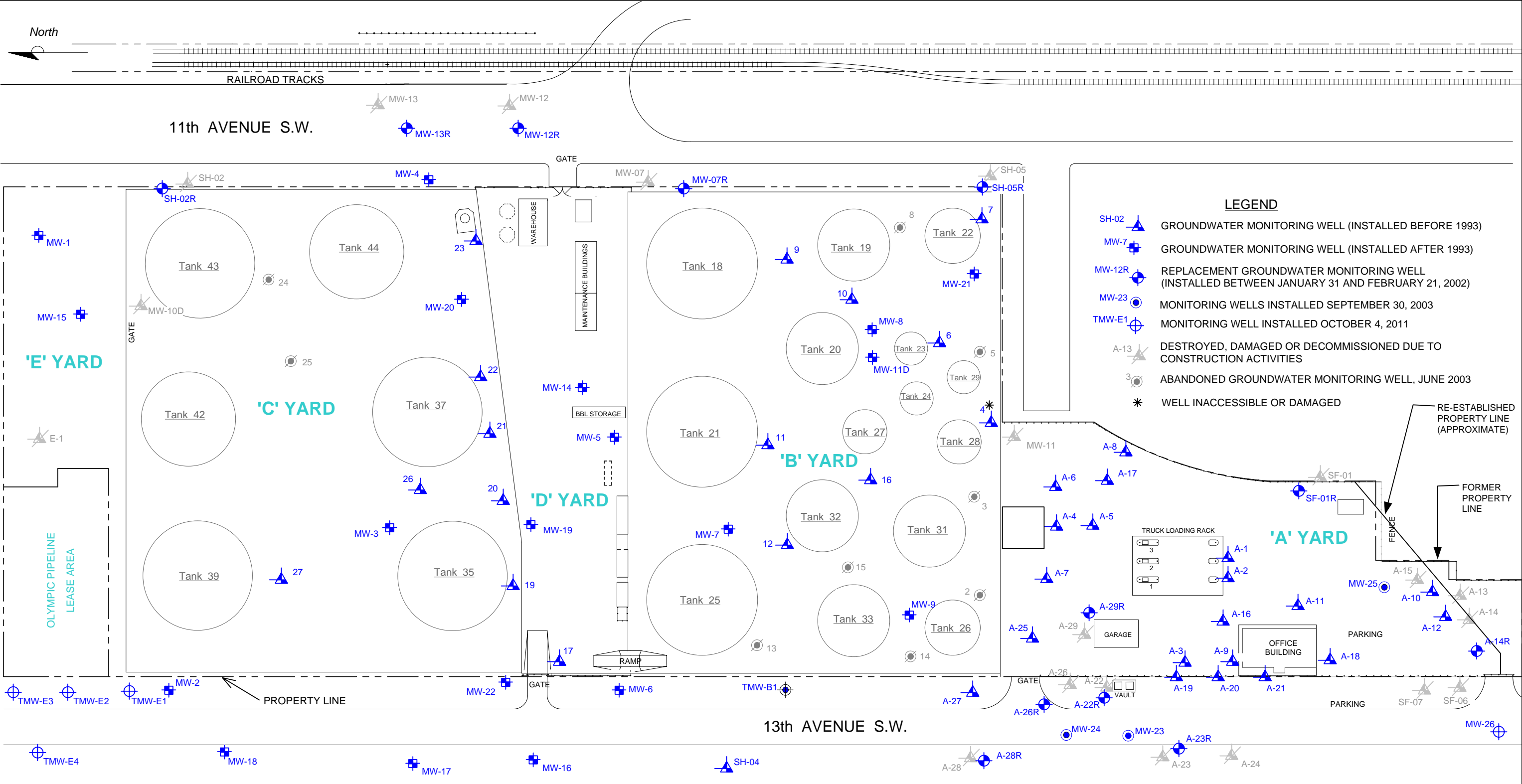
SITE LOCATION MAP

KINDER MORGAN LIQUIDS TERMINALS, LLC  
 HARBOR ISLAND TERMINAL  
 2720 13<sup>TH</sup> AVENUE SOUTHWEST  
 SEATTLE, WASHINGTON

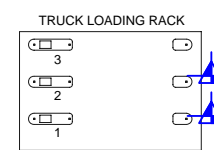
PROJECT NO. STKM-001-W.0001	DRAWN BY RG
FILE NO. STKM001W.0001	PREPARED BY MM
REVISION NO.	REVIEWED BY DL







- LEGEND**
- SH-02 ▲ GROUNDWATER MONITORING WELL (INSTALLED BEFORE 1993)
  - MW-7 ■ GROUNDWATER MONITORING WELL (INSTALLED AFTER 1993)
  - MW-12R ● REPLACEMENT GROUNDWATER MONITORING WELL (INSTALLED BETWEEN JANUARY 31 AND FEBRUARY 21, 2002)
  - MW-23 ● MONITORING WELLS INSTALLED SEPTEMBER 30, 2003
  - TMW-E1 ⊕ MONITORING WELL INSTALLED OCTOBER 4, 2011
  - A-13 ▲ DESTROYED, DAMAGED OR DECOMMISSIONED DUE TO CONSTRUCTION ACTIVITIES
  - 3 ● ABANDONED GROUNDWATER MONITORING WELL, JUNE 2003
  - \* WELL INACCESSIBLE OR DAMAGED



GARAGE

OFFICE BUILDING

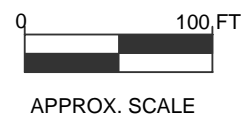
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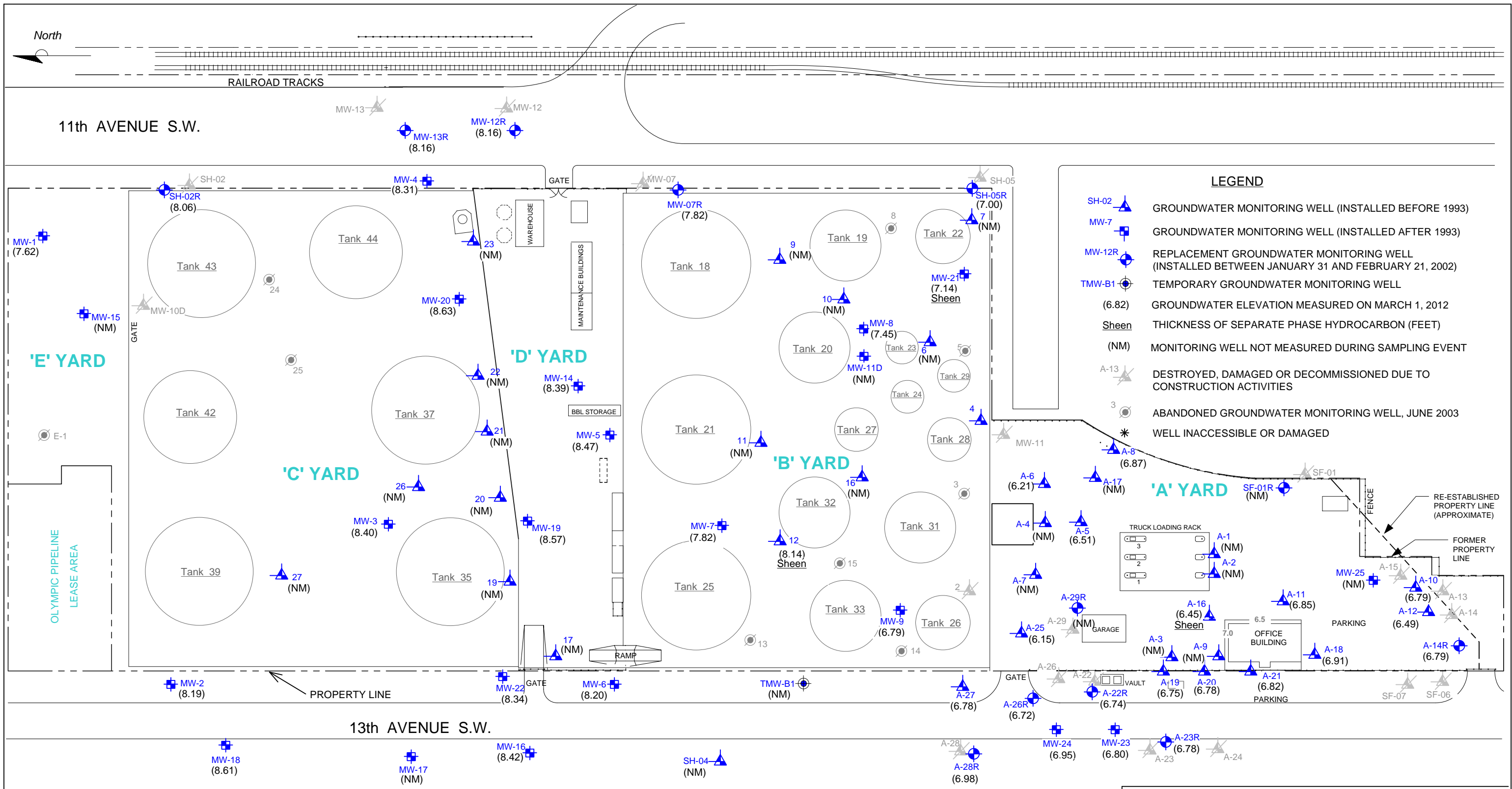
PARKING

PARKING

**FIGURE 2**  
**SITE MAP**  
 KINDER MORGAN LIQUIDS TERMINALS, LLC  
 HARBOR ISLAND TERMINAL  
 2720 13<sup>TH</sup> AVENUE SOUTHWEST  
 SEATTLE, WASHINGTON

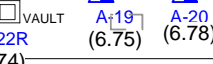
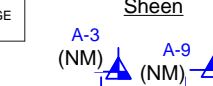
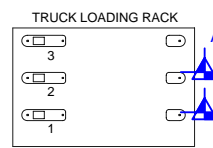
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FILE NO. STKM001W	PREPARED BY MM DEC 2011
REVISION NO.	REVIEWED BY WC



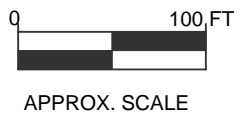


**LEGEND**

- SH-02 ▲ GROUNDWATER MONITORING WELL (INSTALLED BEFORE 1993)
- MW-7 ■ GROUNDWATER MONITORING WELL (INSTALLED AFTER 1993)
- MW-12R ● REPLACEMENT GROUNDWATER MONITORING WELL (INSTALLED BETWEEN JANUARY 31 AND FEBRUARY 21, 2002)
- TMW-B1 ⊕ TEMPORARY GROUNDWATER MONITORING WELL
- (6.82) GROUNDWATER ELEVATION MEASURED ON MARCH 1, 2012
- Sheen THICKNESS OF SEPARATE PHASE HYDROCARBON (FEET)
- (NM) MONITORING WELL NOT MEASURED DURING SAMPLING EVENT
- A-13 ▲ DESTROYED, DAMAGED OR DECOMMISSIONED DUE TO CONSTRUCTION ACTIVITIES
- 3 ● ABANDONED GROUNDWATER MONITORING WELL, JUNE 2003
- \* WELL INACCESSIBLE OR DAMAGED

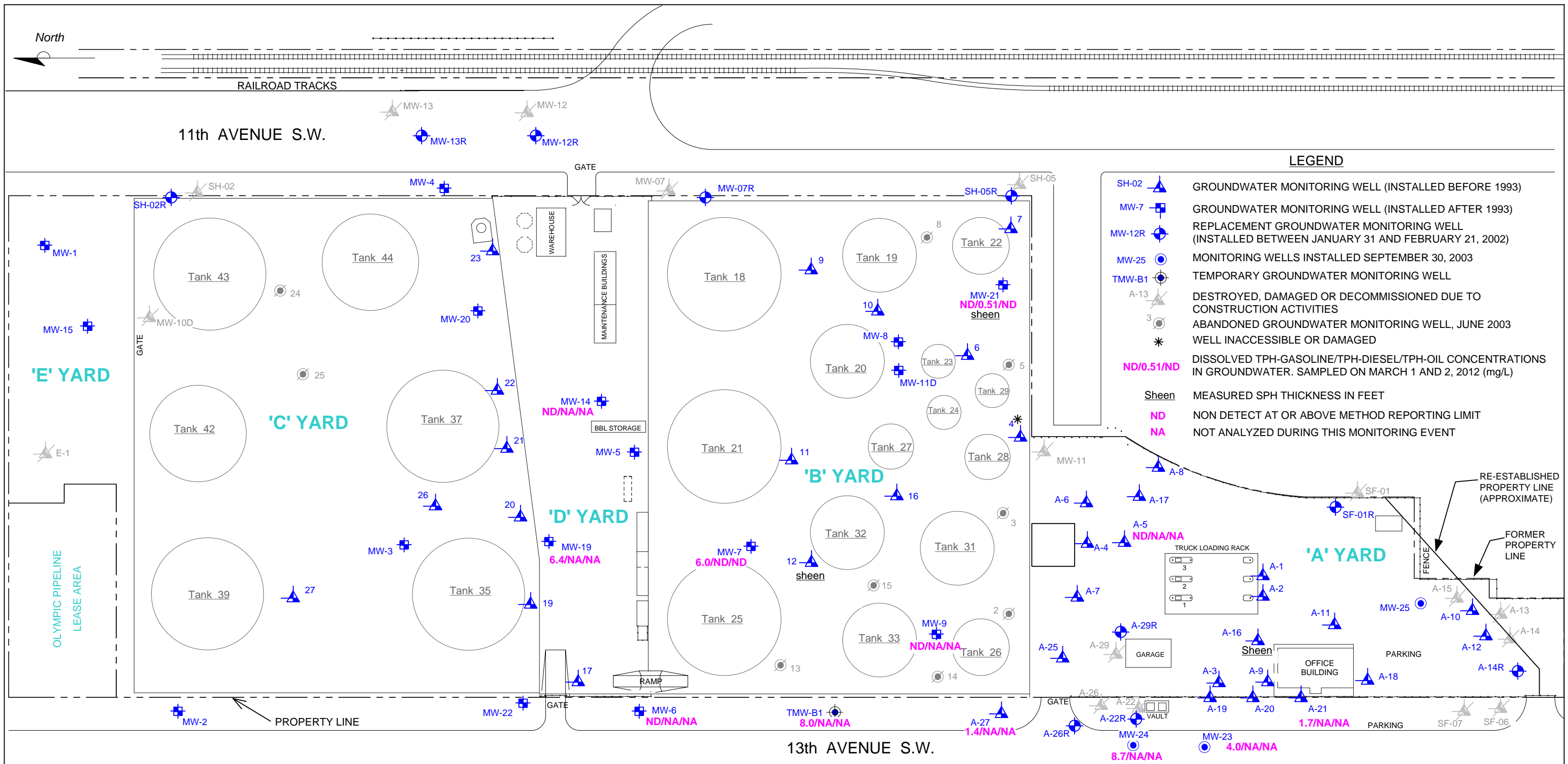


**FIGURE 3**  
**GROUNDWATER ELEVATION MAP**  
**KINDER MORGAN LIQUIDS TERMINALS, LLC**  
**HARBOR ISLAND TERMINAL**  
**2720 13<sup>TH</sup> AVENUE SOUTHWEST**  
**SEATTLE, WASHINGTON**



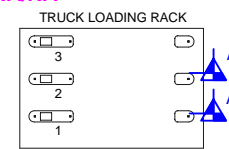
PROJECT NO. KMH1002A.0001	DRAWN BY MM March 2012
FILE NO. KMH1002A.0001	PREPARED BY MM
REVISION NO. 0	REVIEWED BY DL





**LEGEND**

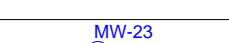
- SH-02 ▲ GROUNDWATER MONITORING WELL (INSTALLED BEFORE 1993)
- MW-7 ■ GROUNDWATER MONITORING WELL (INSTALLED AFTER 1993)
- MW-12R ● REPLACEMENT GROUNDWATER MONITORING WELL (INSTALLED BETWEEN JANUARY 31 AND FEBRUARY 21, 2002)
- MW-25 ● MONITORING WELLS INSTALLED SEPTEMBER 30, 2003
- TMW-B1 ● TEMPORARY GROUNDWATER MONITORING WELL
- A-13 ▲ DESTROYED, DAMAGED OR DECOMMISSIONED DUE TO CONSTRUCTION ACTIVITIES
- 3 ● ABANDONED GROUNDWATER MONITORING WELL, JUNE 2003
- \* WELL INACCESSIBLE OR DAMAGED
- ND/0.51/ND DISSOLVED TPH-GASOLINE/TPH-DIESEL/TPH-OIL CONCENTRATIONS IN GROUNDWATER. SAMPLED ON MARCH 1 AND 2, 2012 (mg/L)
- Sheen MEASURED SPH THICKNESS IN FEET
- ND NON DETECT AT OR ABOVE METHOD REPORTING LIMIT
- NA NOT ANALYZED DURING THIS MONITORING EVENT



TRUCK LOADING RACK



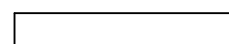
GARAGE



VAULT



OFFICE BUILDING



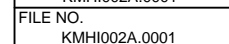
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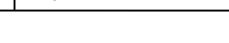
FENCE



RE-ESTABLISHED PROPERTY LINE (APPROXIMATE)



FORMER PROPERTY LINE



WAREHOUSE



MAINTENANCE BUILDINGS



BBL STORAGE



RAMP



GATE



PROPERTY LINE



OLYMPIC PIPELINE LEASE AREA



North



RAILROAD TRACKS



11th AVENUE S.W.



13th AVENUE S.W.



0 100 FT

APPROX. SCALE

**FIGURE 4**

TPH CONCENTRATION MAP- GROUNDWATER  
KINDER MORGAN LIQUIDS TERMINALS, LLC  
HARBOR ISLAND TERMINAL  
2720 13<sup>TH</sup> AVENUE SOUTHWEST  
SEATTLE, WASHINGTON

PROJECT NO. KMHI002A.0001	DRAWN BY MM March 2012
FILE NO. KMHI002A.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  
4006 148TH AVE NE  
Redmond, WA 98052

Attn: Dawna Leong  
Phone: (425) 498-7726  
Fax: (425) 869-1892

Job: KMH1.0001/ Kinder Morgan-HI

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-23R					
Lab ID : ALS12030540-01A	TPH-P (GRO)	ND	0.25 mg/L	03/09/12	03/09/12
Date Sampled 03/01/12 11:20					
Client ID : A-27					
Lab ID : ALS12030540-02A	TPH-P (GRO)	1.4	0.25 mg/L	03/09/12	03/09/12
Date Sampled 03/01/12 15:10					
Client ID : MW-6					
Lab ID : ALS12030540-03A	TPH-P (GRO)	ND	0.25 mg/L	03/09/12	03/09/12
Date Sampled 03/01/12 14:30					
Client ID : MW-7					
Lab ID : ALS12030540-04A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	03/05/12	03/05/12
Date Sampled 03/01/12 13:30	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	03/05/12	03/05/12
	TPH-P (GRO)	6.0	0.50 mg/L	03/09/12	03/09/12
Client ID : MW-9					
Lab ID : ALS12030540-05A	TPH-P (GRO)	ND	0.25 mg/L	03/09/12	03/09/12
Date Sampled 03/01/12 13:50					
Client ID : MW-14					
Lab ID : ALS12030540-06A	TPH-P (GRO)	ND	0.25 mg/L	03/09/12	03/09/12
Date Sampled 03/01/12 12:50					
Client ID : MW-19					
Lab ID : ALS12030540-07A	TPH-P (GRO)	6.4	0.50 mg/L	03/09/12	03/09/12
Date Sampled 03/01/12 13:10					
Client ID : MW-21					
Lab ID : ALS12030540-08A	TPH-E (DRO), Silica Gel	0.51	0.25 mg/L	03/05/12	03/07/12
Date Sampled 03/01/12 14:10	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	03/05/12	03/07/12
	TPH-P (GRO)	ND	0.25 mg/L	03/09/12	03/09/12
Client ID : TMW-B1					
Lab ID : ALS12030540-09A	TPH-P (GRO)	8.0	0.50 mg/L	03/09/12	03/09/12
Date Sampled 03/01/12 14:50					
Client ID : A-5					
Lab ID : ALS12030540-10A	TPH-P (GRO)	ND	0.25 mg/L	03/09/12	03/09/12
Date Sampled 03/02/12 10:00					
Client ID : A-21					
Lab ID : ALS12030540-11A	TPH-P (GRO)	1.7	0.25 mg/L	03/09/12	03/09/12
Date Sampled 03/02/12 09:40					



# Alpha Analytical, Inc.

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

Client ID :	<b>A-28R</b>					
Lab ID :	ALS12030540-12A	TPH-P (GRO)	2.6	0.25 mg/L	03/09/12	03/09/12
Date Sampled	03/02/12 08:40					
Client ID :	<b>MW-18</b>					
Lab ID :	ALS12030540-13A	TPH-P (GRO)	ND	0.25 mg/L	03/09/12	03/09/12
Date Sampled	03/02/12 08:20					
Client ID :	<b>MW-23</b>					
Lab ID :	ALS12030540-14A	TPH-P (GRO)	4.0	0.50 mg/L	03/09/12	03/09/12
Date Sampled	03/02/12 09:20					
Client ID :	<b>MW-24</b>					
Lab ID :	ALS12030540-15A	TPH-P (GRO)	8.7	2.0 mg/L	03/09/12	03/09/12
Date Sampled	03/02/12 09:00					
Client ID :	<b>DUP-1</b>					
Lab ID :	ALS12030540-16A	TPH-P (GRO)	8.2	2.0 mg/L	03/09/12	03/09/12
Date Sampled	03/02/12 00:00					

Diesel Range Organics (DRO) C13-C22  
Gasoline Range Organics (GRO) C4-C13  
Oil Range Organics (ORO) C22-C40+  
ND = Not Detected

*Roger Scholl*

*Randy Gardner*

*Walter Hinchman*

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.

*PS*

3/16/12

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 : 03/03/12

Job: KMH1.0001/ Kinder Morgan-HI

### Volatile Organic Compounds (VOCs) EPA Method SW8260B

	Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed	
Client ID :	<b>A-23R</b>					
Lab ID :	ALS12030540-01A	Benzene	ND	0.50 µg/L	03/09/12	03/09/12
Date Sampled	03/01/12 11:20	Toluene	ND	0.50 µg/L	03/09/12	03/09/12
		Ethylbenzene	ND	0.50 µg/L	03/09/12	03/09/12
		Xylenes, Total	ND	0.50 µg/L	03/09/12	03/09/12
Client ID :	<b>A-27</b>					
Lab ID :	ALS12030540-02A	Benzene	12	0.50 µg/L	03/09/12	03/09/12
Date Sampled	03/01/12 15:10	Toluene	1.8	0.50 µg/L	03/09/12	03/09/12
		Ethylbenzene	35	0.50 µg/L	03/09/12	03/09/12
		Xylenes, Total	7.7	0.50 µg/L	03/09/12	03/09/12
Client ID :	<b>MW-6</b>					
Lab ID :	ALS12030540-03A	Benzene	ND	0.50 µg/L	03/09/12	03/09/12
Date Sampled	03/01/12 14:30	Toluene	ND	0.50 µg/L	03/09/12	03/09/12
		Ethylbenzene	ND	0.50 µg/L	03/09/12	03/09/12
		Xylenes, Total	ND	0.50 µg/L	03/09/12	03/09/12
Client ID :	<b>MW-7</b>					
Lab ID :	ALS12030540-04A	Benzene	11	2.5 µg/L	03/09/12	03/09/12
Date Sampled	03/01/12 13:30	Toluene	97	2.5 µg/L	03/09/12	03/09/12
		Ethylbenzene	240	2.5 µg/L	03/09/12	03/09/12
		Xylenes, Total	900	2.5 µg/L	03/09/12	03/09/12
Client ID :	<b>MW-9</b>					
Lab ID :	ALS12030540-05A	Benzene	ND	0.50 µg/L	03/09/12	03/09/12
Date Sampled	03/01/12 13:50	Toluene	ND	0.50 µg/L	03/09/12	03/09/12
		Ethylbenzene	ND	0.50 µg/L	03/09/12	03/09/12
		Xylenes, Total	ND	0.50 µg/L	03/09/12	03/09/12
Client ID :	<b>MW-14</b>					
Lab ID :	ALS12030540-06A	Benzene	ND	1.0 µg/L	03/09/12	03/09/12
Date Sampled	03/01/12 12:50	Toluene	ND	1.0 µg/L	03/09/12	03/09/12
		Ethylbenzene	ND	1.0 µg/L	03/09/12	03/09/12
		Xylenes, Total	ND	1.0 µg/L	03/09/12	03/09/12
Client ID :	<b>MW-19</b>					
Lab ID :	ALS12030540-07A	Benzene	150	2.5 µg/L	03/09/12	03/09/12
Date Sampled	03/01/12 13:10	Toluene	64	2.5 µg/L	03/09/12	03/09/12
		Ethylbenzene	340	2.5 µg/L	03/09/12	03/09/12
		Xylenes, Total	440	2.5 µg/L	03/09/12	03/09/12
Client ID :	<b>MW-21</b>					
Lab ID :	ALS12030540-08A	Benzene	ND	1.0 µg/L	03/09/12	03/09/12
Date Sampled	03/01/12 14:10	Toluene	ND	1.0 µg/L	03/09/12	03/09/12
		Ethylbenzene	ND	1.0 µg/L	03/09/12	03/09/12
		Xylenes, Total	ND	1.0 µg/L	03/09/12	03/09/12



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<b>Client ID : TMW-B1</b>						
Lab ID :	ALS12030540-09A	Benzene	79		2.5 µg/L	03/09/12 03/09/12
Date Sampled	03/01/12 14:50	Toluene	ND	V	2.5 µg/L	03/09/12 03/09/12
		Ethylbenzene	280		2.5 µg/L	03/09/12 03/09/12
		Xylenes, Total	550		2.5 µg/L	03/09/12 03/09/12
<b>Client ID : A-5</b>						
Lab ID :	ALS12030540-10A	Benzene	0.94		0.50 µg/L	03/09/12 03/09/12
Date Sampled	03/02/12 10:00	Toluene	ND		0.50 µg/L	03/09/12 03/09/12
		Ethylbenzene	ND		0.50 µg/L	03/09/12 03/09/12
		Xylenes, Total	ND		0.50 µg/L	03/09/12 03/09/12
<b>Client ID : A-21</b>						
Lab ID :	ALS12030540-11A	Benzene	ND	V	1.0 µg/L	03/09/12 03/09/12
Date Sampled	03/02/12 09:40	Toluene	ND	V	1.0 µg/L	03/09/12 03/09/12
		Ethylbenzene	160		1.0 µg/L	03/09/12 03/09/12
		Xylenes, Total	26		1.0 µg/L	03/09/12 03/09/12
<b>Client ID : A-28R</b>						
Lab ID :	ALS12030540-12A	Benzene	86		0.50 µg/L	03/09/12 03/09/12
Date Sampled	03/02/12 08:40	Toluene	2.2		0.50 µg/L	03/09/12 03/09/12
		Ethylbenzene	75		0.50 µg/L	03/09/12 03/09/12
		Xylenes, Total	12		0.50 µg/L	03/09/12 03/09/12
<b>Client ID : MW-18</b>						
Lab ID :	ALS12030540-13A	Benzene	ND		0.50 µg/L	03/09/12 03/09/12
Date Sampled	03/02/12 08:20	Toluene	ND		0.50 µg/L	03/09/12 03/09/12
		Ethylbenzene	ND		0.50 µg/L	03/09/12 03/09/12
		Xylenes, Total	ND		0.50 µg/L	03/09/12 03/09/12
<b>Client ID : MW-23</b>						
Lab ID :	ALS12030540-14A	Benzene	120		2.5 µg/L	03/09/12 03/09/12
Date Sampled	03/02/12 09:20	Toluene	2.9		2.5 µg/L	03/09/12 03/09/12
		Ethylbenzene	130		2.5 µg/L	03/09/12 03/09/12
		Xylenes, Total	27		2.5 µg/L	03/09/12 03/09/12
<b>Client ID : MW-24</b>						
Lab ID :	ALS12030540-15A	Benzene	530		10 µg/L	03/09/12 03/09/12
Date Sampled	03/02/12 09:00	Toluene	14		10 µg/L	03/09/12 03/09/12
		Ethylbenzene	250		10 µg/L	03/09/12 03/09/12
		Xylenes, Total	1,100		10 µg/L	03/09/12 03/09/12
<b>Client ID : DUP-1</b>						
Lab ID :	ALS12030540-16A	Benzene	530		10 µg/L	03/09/12 03/09/12
Date Sampled	03/02/12 00:00	Toluene	16		10 µg/L	03/09/12 03/09/12
		Ethylbenzene	250		10 µg/L	03/09/12 03/09/12
		Xylenes, Total	1,100		10 µg/L	03/09/12 03/09/12

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 Scholl*

*Randy Gardner*

*Walter Hinchman*

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
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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.

*PS*  
3/16/12

Report Date



# Alpha Analytical, Inc.

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## VOC Sample Preservation Report

Work Order: ALS12030540

Job: KMH1.0001/ Kinder Morgan-HI

Alpha's Sample ID	Client's Sample ID	Matrix	pH
12030540-01A	A-23R	Aqueous	2
12030540-02A	A-27	Aqueous	2
12030540-03A	MW-6	Aqueous	2
12030540-04A	MW-7	Aqueous	2
12030540-05A	MW-9	Aqueous	2
12030540-06A	MW-14	Aqueous	2
12030540-07A	MW-19	Aqueous	2
12030540-08A	MW-21	Aqueous	2
12030540-09A	TMW-B1	Aqueous	2
12030540-10A	A-5	Aqueous	2
12030540-11A	A-21	Aqueous	2
12030540-12A	A-28R	Aqueous	2
12030540-13A	MW-18	Aqueous	2
12030540-14A	MW-23	Aqueous	2
12030540-15A	MW-24	Aqueous	2
12030540-16A	DUP-1	Aqueous	2

3/16/12

Report Date

Page 1 of 1



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Date:  
16-Mar-12

## QC Summary Report

Work Order:  
12030540

### Method Blank

Type: MBLK Test Code: EPA Method SW8015B / E / SG

File ID: 1A02291300.D

Batch ID: 28326SG

Analysis Date: 03/05/2012 17:33

Sample ID: BLK-28326

Units : mg/L

Run ID: FID\_1\_120305B

Prep Date: 03/05/2012 16:04

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	ND	0.25								
TPH-E (ORO), Silica Gel	ND	0.5								
Surr: Nonane, Silica Gel	0.177		0.15		118	49	145			

### Laboratory Control Spike

Type: LCS Test Code: EPA Method SW8015B / E / SG

File ID: 1A02291301.D

Batch ID: 28326SG

Analysis Date: 03/05/2012 17:59

Sample ID: LCS-28326

Units : mg/L

Run ID: FID\_1\_120305B

Prep Date: 03/05/2012 16:04

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	2.43	0.05	2.5		97	70	130			
Surr: Nonane, Silica Gel	0.16		0.15		107	49	145			

### Sample Matrix Spike

Type: MS Test Code: EPA Method SW8015B / E / SG

File ID: 1A02291315.D

Batch ID: 28326SG

Analysis Date: 03/06/2012 00:04

Sample ID: 12030320-05AMS

Units : mg/L

Run ID: FID\_1\_120305B

Prep Date: 03/05/2012 16:04

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	2.63	0.05	2.5		0 105	53	150			
Surr: Nonane, Silica Gel	0.167		0.15		111	49	145			

### Sample Matrix Spike Duplicate

Type: MSD Test Code: EPA Method SW8015B / E / SG

File ID: 1A02291316.D

Batch ID: 28326SG

Analysis Date: 03/06/2012 00:29

Sample ID: 12030320-05AMSD

Units : mg/L

Run ID: FID\_1\_120305B

Prep Date: 03/05/2012 16:04

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	2.45	0.05	2.5		0 98	53	150	2.626	7.1(47)	
Surr: Nonane, Silica Gel	0.145		0.15		97	49	145			

### 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.

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Date:  
16-Mar-12

## QC Summary Report

Work Order:  
12030540

### Method Blank

File ID: 12030835.D

Type: MBLK Test Code: EPA Method SW8015B/C

Batch ID: MS12W0308D

Analysis Date: 03/08/2012 23:03

Sample ID: MBLK MS12W0308D

Units : mg/L

Run ID: MSD\_12\_120308C

Prep Date: 03/08/2012 23:03

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	0.25								
Surr: 1,2-Dichloroethane-d4	0.0103		0.01		103	70	130			
Surr: Toluene-d8	0.0103		0.01		103	70	130			
Surr: 4-Bromofluorobenzene	0.0115		0.01		115	70	130			

### Laboratory Control Spike

File ID: 12030832.D

Type: LCS Test Code: EPA Method SW8015B/C

Batch ID: MS12W0308D

Analysis Date: 03/08/2012 21:54

Sample ID: GLCS MS12W0308D

Units : mg/L

Run ID: MSD\_12\_120308C

Prep Date: 03/08/2012 21:54

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	0.35	0.05	0.4		88	70	130			
Surr: 1,2-Dichloroethane-d4	0.0104		0.01		104	70	130			
Surr: Toluene-d8	0.0102		0.01		102	70	130			
Surr: 4-Bromofluorobenzene	0.0112		0.01		112	70	130			

### Sample Matrix Spike

File ID: 12030847.D

Type: MS Test Code: EPA Method SW8015B/C

Batch ID: MS12W0308D

Analysis Date: 03/09/2012 03:38

Sample ID: 12030540-01AGS

Units : mg/L

Run ID: MSD\_12\_120308C

Prep Date: 03/09/2012 03:38

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1.69	0.25	2	0	85	51	144			
Surr: 1,2-Dichloroethane-d4	0.0478		0.05		96	70	130			
Surr: Toluene-d8	0.0515		0.05		103	70	130			
Surr: 4-Bromofluorobenzene	0.0528		0.05		106	70	130			

### Sample Matrix Spike Duplicate

File ID: 12030848.D

Type: MSD Test Code: EPA Method SW8015B/C

Batch ID: MS12W0308D

Analysis Date: 03/09/2012 04:01

Sample ID: 12030540-01AGSD

Units : mg/L

Run ID: MSD\_12\_120308C

Prep Date: 03/09/2012 04:01

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1.66	0.25	2	0	83	51	144	1.695	2.0(29)	
Surr: 1,2-Dichloroethane-d4	0.0474		0.05		95	70	130			
Surr: Toluene-d8	0.0518		0.05		104	70	130			
Surr: 4-Bromofluorobenzene	0.055		0.05		110	70	130			

### Comments:

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# Alpha Analytical, Inc.

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Date:  
16-Mar-12

## QC Summary Report

Work Order:  
12030540

### Method Blank

Type: **MBLK** Test Code: **EPA Method SW8260B**

File ID: **12030835.D**

Batch ID: **MS12W0308C**

Analysis Date: **03/08/2012 23:03**

Sample ID: **MBLK MS12W0308C**

Units: **µg/L**

Run ID: **MSD\_12\_120308C**

Prep Date: **03/08/2012 23:03**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	ND	0.5								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
Xylenes, Total	ND	0.5								
Surr: 1,2-Dichloroethane-d4	10.3		10		103	70	130			
Surr: Toluene-d8	10.3		10		103	70	130			
Surr: 4-Bromofluorobenzene	11.5		10		115	70	130			

### Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8260B**

File ID: **12030830.D**

Batch ID: **MS12W0308C**

Analysis Date: **03/08/2012 21:07**

Sample ID: **LCS MS12W0308C**

Units: **µg/L**

Run ID: **MSD\_12\_120308C**

Prep Date: **03/08/2012 21:07**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	10.3	0.5	10		103	70	130			
Toluene	9.59	0.5	10		96	80	120			
Ethylbenzene	8.39	0.5	10		84	80	120			
Xylenes, Total	15.6	0.5	20		78	70	130			
Surr: 1,2-Dichloroethane-d4	10.6		10		106	70	130			
Surr: Toluene-d8	9.95		10		100	70	130			
Surr: 4-Bromofluorobenzene	10.7		10		107	70	130			

### Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8260B**

File ID: **12030845.D**

Batch ID: **MS12W0308C**

Analysis Date: **03/09/2012 02:52**

Sample ID: **12030540-01AMS**

Units: **µg/L**

Run ID: **MSD\_12\_120308C**

Prep Date: **03/09/2012 02:52**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	51.8	1.3	50	0	104	59	138			
Toluene	49.1	1.3	50	0	98	68	130			
Ethylbenzene	45.3	1.3	50	0	91	68	130			
Xylenes, Total	90.4	1.3	100	0	90	70	130			
Surr: 1,2-Dichloroethane-d4	49.3		50		99	70	130			
Surr: Toluene-d8	50.8		50		102	70	130			
Surr: 4-Bromofluorobenzene	49.2		50		98	70	130			

### Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8260B**

File ID: **12030846.D**

Batch ID: **MS12W0308C**

Analysis Date: **03/09/2012 03:15**

Sample ID: **12030540-01AMSD**

Units: **µg/L**

Run ID: **MSD\_12\_120308C**

Prep Date: **03/09/2012 03:15**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	51.7	1.3	50	0	103	59	138	51.78	0.2(21)	
Toluene	49.7	1.3	50	0	99	68	130	49.09	1.2(20)	
Ethylbenzene	42.9	1.3	50	0	86	68	130	45.25	5.4(20)	
Xylenes, Total	80.8	1.3	100	0	81	70	130	90.36	11.2(20)	
Surr: 1,2-Dichloroethane-d4	48.8		50		98	70	130			
Surr: Toluene-d8	51.2		50		102	70	130			
Surr: 4-Bromofluorobenzene	55.8		50		112	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.



# CHAIN-OF-CUSTODY RECORD

# WA

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

**WorkOrder : ALS12030540**  
**Report Due By : 5:00 PM On : 19-Mar-12**

Client:  
 Antea Group  
 4006 148TH AVE NE  
  
 Redmond, WA 98052

Report Attention	Phone Number	EEmail 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 M.

PO :  
 Client's COC # : 57728, 57727 Job : KMH1.0001/ Kinder Morgan-HI

Cooler Temp	Samples Received	Date Printed
0 °C	03-Mar-12	05-Mar-12

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

Alpha Sample ID	Client Sample ID	Collection Matrix	Collection Date	No. of Bottles			Requested Tests				Sample Remarks	
				Alpha	Sub	TAT	TPH/E_SG_W	TPHP_W	VOC_W			
ALS12030540-01A	A-23R	AQ	03/01/12 11:20	3	0	10		NWTPH-Gx	BTXE_C			
ALS12030540-02A	A-27	AQ	03/01/12 15:10	3	0	10		NWTPH-Gx	BTXE_C			
ALS12030540-03A	MW-6	AQ	03/01/12 14:30	3	0	10		NWTPH-Gx	BTXE_C			
ALS12030540-04A	MW-7	AQ	03/01/12 13:30	6	0	10	NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C			
ALS12030540-05A	MW-9	AQ	03/01/12 13:50	3	0	10		NWTPH-Gx	BTXE_C			
ALS12030540-06A	MW-14	AQ	03/01/12 12:50	3	0	10		NWTPH-Gx	BTXE_C			
ALS12030540-07A	MW-19	AQ	03/01/12 13:10	3	0	10		NWTPH-Gx	BTXE_C			
ALS12030540-08A	MW-21	AQ	03/01/12 14:10	6	0	10	NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C			
ALS12030540-09A	TMW-B1	AQ	03/01/12 14:50	3	0	10		NWTPH-Gx	BTXE_C			
ALS12030540-10A	A-5	AQ	03/02/12 10:00	3	0	10		NWTPH-Gx	BTXE_C			

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

Signature	Print Name	Company	Date/Time
Logged in by: <i>Sara Coffey</i>	Sara Coffey	Alpha Analytical, Inc.	3/5/12 8:16

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

# WA

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

**WorkOrder : ALS12030540**  
**Report Due By : 5:00 PM On : 19-Mar-12**

Client:  
 Antea Group  
 4006 148TH AVE NE  
  
 Redmond, WA 98052

Report Attention	Phone Number	E-Mail 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 M.

PO :  
 Client's COC # : 57728, 57727      Job : KMH1.0001/ Kinder Morgan-HI

Cooler Temp	Samples Received	Date Printed
0 °C	03-Mar-12	05-Mar-12

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

Alpha Sample ID	Client Sample ID	Collection Matrix	Collection Date	No. of Bottles			Requested Tests						Sample Remarks		
				Alpha	Sub	TAT	TPH/E_SG_W	TPHP_W	VOC_W						
ALS12030540-11A	A-21	AQ	03/02/12 09:40	3	0	10		NWTPH-Gx	BTXE_C						
ALS12030540-12A	A-28R	AQ	03/02/12 08:40	3	0	10		NWTPH-Gx	BTXE_C						
ALS12030540-13A	MW-18	AQ	03/02/12 08:20	3	0	10		NWTPH-Gx	BTXE_C						
ALS12030540-14A	MW-23	AQ	03/02/12 09:20	3	0	10		NWTPH-Gx	BTXE_C						
ALS12030540-15A	MW-24	AQ	03/02/12 09:00	3	0	10		NWTPH-Gx	BTXE_C						
ALS12030540-16A	DUP-1	AQ	03/02/12 00:00	3	0	10		NWTPH-Gx	BTXE_C						

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

Signature	Print Name	Company	Date/Time
Logged in by: <i>Sara Coffee</i>	Sara Coffee	Alpha Analytical, Inc.	3/5/12 8:16

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:**

Company Name Antea Group  
 Attn: Dawna Leong  
 Address 4006 148<sup>th</sup> Ave NE  
 City, State, Zip Redmond, WA 98052  
 Phone Number 425-498-7727 Fax 425-864-1892



Samples Collected From Which State? **57728**  
 AZ  CA  NV  WA  DOD Site   
 ID  OR  OTHER  Page # 1 of 2

Consultant / Client Name		Job #		Job Name		Analyses Required						Data Validation Level: III or IV			
Same as above		KMHI.0001		Kinder Morgan - HI											
Address		Report Attention / Project Manager		Name: Dawna Leong								EDD / EDF? YES <input type="checkbox"/> NO <input type="checkbox"/>			
City, State, Zip		Email: dawna.leong@anteagroup.com		Phone: _____ Mobile: _____								Global ID # _____			
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**	PTX	MWTH-GX	MWTH-DX				REMARKS
11:20	3-1-12	AQ		ALS12030540-DIA	A-33R	Stand.	N	3V	X	X					
15:10				-02A	A-37			↓							
14:30				-03A	MW-6			↓							
13:30				-04A	MW-7			6V			X				
13:50				-05A	MW-9			3V							
12:50				-06A	MW-14			↓							
13:10				-07A	MW-19			↓							
14:10				-08A	MW-21			6V			X				
14:50	↓			09A	TMW-31			3V							
10:00	3-2-12			-10A	A-5			↓							
9:40				-11A	A-21			↓							
8:40				-12A	R-28R			↓							
8:20				-13A	MW-18			↓							

**ADDITIONAL INSTRUCTIONS:**

Please include TP11-0 in Dx analysis.

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: MM

Relinquished by: (Signature/Affiliation) <u>MM - Antea</u>	Received by: (Signature/Affiliation) _____	Date: <u>3-2-12</u>	Time: <u>15:30</u>
Relinquished by: (Signature/Affiliation) _____	Received by: (Signature/Affiliation) <u>Sarah Lopez / alpha</u>	Date: <u>3-5-12</u>	Time: <u>8:10</u>
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.

**Billing Information:**

Company Name Antea Group  
 Attn: Dawna Leong  
 Address 4006 148<sup>th</sup> Ave NE  
 City, State, Zip Redmond, WA 98052  
 Phone Number 425 496 7727 Fax 425 269 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? **57727**  
 AZ  CA  NV  WA  **DOD Site**   
 ID  OR  OTHER  Page #  of

Consultant / Client Name		Job #		Job Name		Analyses Required						Data Validation Level: III or IV		
Same as above		KMHI-0001		Kinder Morgan - HI		BTEX NWTPH-GX NWTPH-DK w/ Silica gel						EDD / EDF? YES <input type="checkbox"/> NO <input type="checkbox"/>		
Address		Report Attention / Project Manager		Name: Dawna Leong								Global ID #		
City, State, Zip		Email: dawna.leong@anteagroup.com		Phone: _____ Mobile: _____								REMARKS		
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**						
9:20	3-2-12	AQ		-14A	MW-23	Stand.	N	3V	X	X				
9:00	↓	↓		15A	MW-24	↓	↓	↓	↓	↓				
-	↓	↓		16A	DUP-1	↓	↓	↓	↓	↓				

**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: MM

Relinquished by: (Signature/Affiliation) <u>MM - Antea</u>	Received by: (Signature/Affiliation)	Date: <u>3-2-12</u>	Time: <u>15:30</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation) <u>Serecloffer/alpha</u>	Date: <u>3/5/12</u>	Time: <u>8:10</u>
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 03/01/12

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			4"				inaccessible, sock
A-5	7.62	18.46	4"				Needs special gasket
A-6	6.60		4"				Replaced sock, sock
A-8	7.74	25.60	4"				Needs special gasket.
A-10	6.72	25.20	4"				Needs special gasket
A-11	7.55		4"				Retapped, replaced gasket.
A-12	6.46		4"				
A-14R	7.42	14.88	2"				Replaced gasket, retapped.
A-16	7.94		4"				Replaced sock, replaced lid, show
A-18	7.83		4"				
A-19	7.82		4"				Retapped
A-20	7.41		4"				
A-21	7.53	14.50	4"				Needs special gasket
A-22R	7.37		4"				Replaced gasket, retapped.
A-23R	8.79	16.20	2"				
A-25	7.75						
A-26R	7.47						Replaced gasket, retapped.
A-27	<del>7.45</del> 10.44	17.90	4"				
A-28R	7.95	14.25	2"				Re-tapped. Odors.
12	1.65		4"				Sheen, diesel odor, Replaced sock.
MW-1	5.59	13.05	4"				Replaced gasket,
MW-2	7.03	12.59	4"				Replaced gasket, retapped
MW-3	7.99	13.30	4"				
MW-4	6.38	15.18	4"				Replaced gasket, retapped
MW-5	2.66	13.40	4"				Replaced gasket, retapped
MW-6	6.97	12.75	4"				Retapped.

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	2.80	12.82	4"				Replaced sock, gasket, re-tapped
MW-8	3.18	10.30	4"				
MW-9	2.96	11.20	4"				Removed sock
MW-12R	7.31	14.45	2"				Replaced gasket
MW-13R	6.99	14.10	2"				
MW-14	3.05	13.44	4"				Replaced gasket, re-tapped.
MW-16	6.81	13.84	2"				
MW-18	6.88	13.65	2"				
MW-19	2.82	12.90	2"				Retapped.
MW-20	3.09	12.90	2"				
MW-21	2.27	12.80	2"				Replaced sock, replaced, gasket
MW-22	7.98	13.90	2"				Replaced gasket, re-tapped.
MW-23	7.35	14.60	4"				sock Replaced, gasket replaced, re-tapped.
MW-24	7.39	14.70	4"				sock Replaced, gasket replaced, re-tapped.
SH-02R	5.34	14.98	2"				Replaced gasket, re-tapped.
SH-05R	6.89	15.03	2"				Retapped.
MW-07R	6.10	14.90	2"				Replaced gasket, re-tapped.

TMW-B1 7.75

replaced gasket, re-tapped.

**GROUNDWATER SAMPLING FIELD SHEET**

<b>ANTEA PROJECT NUMBER:</b> <u>STKM-0001-W: KMHT</u>	<b>CLIENT:</b> <u>Kinder Morgan</u>
<b>SITE No./JOB No.:</b> <u>STKM-001-W</u>	<b>PAGE:</b> <u>1</u> of <u>3</u>
<b>SITE ADDRESS/LOCATION:</b> <u>Harbor Island, Seattle, WA</u>	<b>DATE:</b> <u>3/1-2/12</u>
<b>FIELD TECHNICIAN(S):</b> <u>M. MacDonald / <del>D. Rowlands</del></u> <i>T. Bin</i>	<b>WEATHER:</b> <u>Partly Sunny - 42°</u>

**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	12.53	0.692	0.574	0.44	7.12	-136.2	10:00
	12.67	0.642	0.544	0.40	7.09	-139.8	
	12.68	0.630	0.534	0.46	7.07	-142.0	
	12.70	0.620	0.525	0.37	7.07	-143.5	
A-21	11.68	17.56	15.53	0.37	6.47	-74.4	9:40
	11.13	17.58	15.54	0.35	6.47	-74.5	
	11.16	17.59	15.55	0.34	6.48	-74.4	
	11.16	17.41	15.56	0.29	6.49	-74.5	
A-23R	11.21	4.075	3.595	1.42	6.42	-79.5	11:20
	11.19	4.045	3.571	1.45	6.42	-80.1	
	11.14	4.034	3.566	1.47	6.41	-80.4	TDS, Cond. are likely inaccurate, however, inhibited w/ bio-activity.
	11.13	4.031	3.504	1.47	6.41	-80.8	
A-27	11.43	0.190	0.167	0.41	6.42	-116.5	15:10
	11.50	0.192	0.169	0.36	6.42	-121.4	
	11.55	0.192	0.168	0.33	6.43	-123.9	
	11.57	0.193	0.169	0.32	6.43	-125.5	
A-28R	11.75	0.400	0.348	2.34	6.41	-114.5	8:40
	11.74	0.400	0.348	2.43	6.40	-115.1	
	11.77	0.400	0.348	2.46	6.40	-115.8	
	11.79	0.400	0.348	2.47	6.40	-116.6	
MW-6	11.05	0.296	0.262	1.66	6.36	39.1	14:36
	11.06	0.296	0.262	1.65	6.37	39.2	
	11.06	0.296	0.263	1.65	6.37	39.4	
	11.06	0.297	0.263	1.69	6.38	39.6	
MW-7	10.78	0.114	0.102	0.27	6.84	-161.2	13:30
	10.80	0.114	0.102	0.27	6.85	-161.8	
	10.78	0.114	0.102	0.26	6.84	-162.2	
	10.79	0.115	0.102	0.25	6.84	-162.6	

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

**Purge Water Disposal Method:**

Treated through Mobile Carbon System

Placed in drums on site **No. of drums:**

Transported off-site for treatment **Facility/Location:**

(Attach Bill of Lading) **Hauler:**

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

<b>YSI (Calibration Check):</b>	<b>pH (4.00 ref.)</b>	<b>Cond. (4.49 ref.)</b>	<b>Turb. (0.0 ref.)</b>
<b>DO Meter:</b>	<b>mg/L</b>	<b>% Saturation</b>	<b>Temp</b>
<b>PID:</b>	<b>ppm</b>	<b>(100 ppm Isobutylene Calibration Gas)</b>	



**GROUNDWATER SAMPLING FIELD SHEET**

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

**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	9.75	0.138	0.127	1.36	6.52	-26.0	13:50
	9.77	0.138	0.127	1.36	6.51	-24.8	
	9.80	0.136	0.127	1.37	6.51	-23.7	
	9.81	0.138	0.127	1.35	6.51	-22.7	
MW-14	9.90	0.225	0.205	1.13	6.41	50.9	12:50
	9.89	0.224	0.205	1.12	6.39	52.2	
	9.86	0.223	0.204	1.11	6.38	53.2	
	9.86	0.223	0.204	1.10	6.37	54.2	
MW-18	11.27	0.171	0.150	0.75	6.92	-137.3	8:20
	11.26	0.169	0.149	0.74	6.92	-137.7	
	11.26	0.169	0.149	0.73	6.92	-138.1	
	11.25	0.170	0.150	0.72	6.93	-138.6	
MW-19	11.21	0.126	0.111	0.28	6.62	-140.9	13:10
	11.24	0.125	0.110	0.26	6.63	-141.5	
	11.25	0.124	0.110	0.26	6.63	-141.9	
	11.25	0.124	0.110	0.26	6.63	-141.9	
MW-21	9.95	0.046	0.036	0.99	5.86	36.8	14:10
	9.99	0.040	0.036	0.90	5.83	37.3	
	9.64	0.039	0.036	0.84	5.81	35.9	
	9.66	0.039	0.036	0.79	5.77	39.1	
MW-23	12.65	0.993	0.846	0.64	6.40	-115.2	9:20
	12.70	0.999	0.849	0.63	6.46	-116.7	
	12.76	1.003	0.851	0.64	6.46	-118.1	
	12.75	1.005	0.853	0.65	6.46	-117.2	
MW-24	11.26	0.416	0.367	1.48	6.30	-80.2	9:20
	11.27	0.419	0.367	1.50	6.30	-81.0	
	11.31	0.420	0.371	1.53	6.30	-82.4	
	11.29	0.422	0.372	1.52	6.30	-82.9	DWP

<b>System Instructions:</b>	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:

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

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

**GROUNDWATER SAMPLING FIELD SHEET**

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

**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	10.73	0.084	0.075	0.36	6.71	-99.8	14:50
	10.72	0.083	0.074	0.31	6.70	-102.9	
	10.71	0.081	0.073	0.32	6.70	-104.9	
	10.70	0.081	0.072	0.36	6.69	-106.7	
TMW-C1							
TMW-C2							
TMW-C3							
TMW-C4							

<b>System Instructions:</b>	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:**

Treated through Mobile Carbon System  
 Placed in drums on site No. of drums: \_\_\_\_\_  
 Transported off-site for treatment Facility/Location: \_\_\_\_\_  
 (Attach Bill of Lading) Hauler: \_\_\_\_\_

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

<b>YSI (Calibration Check):</b>	pH (4.00 ref.)	Cond. (4.49 ref.)	Turb. (0.0 ref.)
<b>DO Meter:</b>	mg/L	% Saturation	Temp
<b>PID:</b>	ppm	(100 ppm Isobutylene Calibration Gas)	