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July 25, 2012

Ms. Maura O'Brien
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, Washington 98008-5452

Sent via FedEx Saver

Subject: Annual Groundwater Monitoring Report - Second Quarter 2012
Kinder Morgan Harbor Island Terminal
Seattle, Washington
Antea Group Project No. KMHI-0002G
KMLT File No. 29.79.02 (81171)

Dear Ms. O'Brien,

On behalf of Kinder Morgan Liquids Terminals LLC (KMLT), AnteaTM Group is pleased to submit the enclosed Annual Groundwater Monitoring Report - Second Quarter 2012 for the KMLT Harbor Island Terminal located at 2720 13th Avenue Southwest, Seattle, Washington.

Please feel free to contact Robert Truedinger of KMLT at (510) 412-8843 if you have any questions regarding this report.

Sincerely,

A handwritten signature in blue ink that reads "Dawna Leong".

Dawna Leong, P.E.
Senior Project Professional
Antea Group

Enc.: Annual Groundwater Monitoring Report - Second Quarter 2012

cc: Mr. David Rowland, KMLT, Seattle, WA (CD copy)
Mr. Robert Truedinger, c/o Stephanie Randall, KMLT, Orange, CA (CD copy)
Ms. Stephanie Randall, KMLT, Orange, CA (File copy)



ANNUAL GROUNDWATER MONITORING REPORT SECOND QUARTER 2012

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

*Antea™ Group Project No. KMHI-0002G
July 2012*

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

Prepared by:
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TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
1.0 BACKGROUND.....	2
1.1 Monitoring Well Status.....	2
2.0 SCOPE OF WORK.....	3
2.1 Water Level Measurements	3
2.2 Groundwater Sampling and Analysis.....	3
2.3 Passive Separate-Phase Hydrocarbon Recovery.....	4
3.0 SUMMARY OF FINDINGS.....	5
3.1 Data Validation	5
3.2 Groundwater Chemistry Data Review	5
3.2.1 Hydrocarbon Constituents.....	5
3.2.2 Total and Dissolved Lead	6
3.2.3 Natural Attenuation and Time-Trend Analysis	6
3.2.4 Contaminant Evaluation and Time-Trend Analysis.....	7
4.0 REMARKS	8

TABLE OF CONTENTS (Cont.)

TABLES

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

FIGURES

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

GRAPHS

Graphs A-C	Well MW-1
Graphs D-F	Well MW-3
Graphs G-I	Well MW-6
Graphs J-L	Well MW-7
Graphs M-O	Well MW-14
Graphs P-R	Well MW-19
Graphs S-U	Well A-21
Graphs V-X	Well A-27

APPENDICES

Appendix A	Resource Protection Well Report, MW-13R Abandonment
Appendix B	Field Sampling Sheets
Appendix C	Certified Analytical Laboratory Reports and Chain-of-Custody Documentation

EXECUTIVE SUMMARY

Antea Group has prepared this summary report to present the findings of the Second Quarter 2012 groundwater monitoring and sampling event conducted at the Kinder Morgan Liquids Terminals LLC (KMLT) Harbor Island Terminal located in Seattle, Washington (Figures 1 and 2). Groundwater monitoring and sampling activities were performed on May 30 through June 1, 2012 in accordance with the KMLT Groundwater Compliance Plan (Plan) which was included as Exhibit F of the Consent Decree, dated April 12, 2000.

Second Quarter 2012 groundwater monitoring and sampling activities were performed in accordance with Delta Environmental's letter dated June 21, 2007, entitled *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 letter entitled *Technical Revision Request*. The proposed technical revision was authorized by Mr. Nye on February 9, 2009.

Groundwater monitoring for this event included gauging 43 wells and collecting samples from 30 wells. Groundwater elevations indicate that groundwater gradient is generally flat across the majority of the site, with a slight trend towards the south. On May 30, 2012, measurable separate phase hydrocarbons were not observed in any of the wells. Sheen was observed in Well 12.

Concentrations of total petroleum hydrocarbons as gasoline (TPH-G) ranged from non-detectable at the laboratory method reporting limit (MRL) to 8.8 milligrams per liter (mg/L) in Well MW-7. Total petroleum hydrocarbons as diesel (TPH-D) ranged from non-detectable at the laboratory MRL to 6.1 mg/L in Well MW-21, and total petroleum hydrocarbons as oil (TPH-O) ranged from non-detectable at the laboratory MRL to 0.73 mg/L in Well MW-22. 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

The KMLT Harbor Island Terminal is a bulk petroleum fuel storage facility which has been operating since 1944. 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 KMLT 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 maintenance and storage facilities. The E Yard is presently leased by another party and consists of an office building and vehicle storage facilities.

1.1 Monitoring Well Status

KMLT scheduled well monument repairs on Wells A-12, A-29R, MW-13R, MW-16 through MW-18, and MW-25. The flanges on these well monuments were damaged and therefore KMLT proposed to replace the monuments to verify that the lids to these wells are secure. It was determined that there was no suitable way to remove and replace the well box for MW-13R without removing a section of City-owned curb, portions of two sidewalk panels, and reinstalling the curb and sidewalk. Therefore, KMLT contacted Maura O'Brien (Ecology) to propose the abandonment of Well MW-13R. Ms. O'Brien approved the well abandonment in an email on April 24, 2012. Cascade Drilling of Woodinville, Washington conducted well monument repairs and abandonment of Well MW-13R on April 25, 2012. A Resource Protection Well Report for the abandonment of MW-13R is included in Appendix A.

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 these 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.

2.0 SCOPE OF WORK

Groundwater monitoring and sampling activities were performed in accordance with Delta Consultant's letter dated March 22, 2007, entitled *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 of the Washington Department of Ecology (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 (Plan).

Project work for this groundwater monitoring event was performed on May 30 through June 1, 2012. This event serves as the Second Quarter monitoring event for 2012. The scope of work for this monitoring event included the following tasks:

- Measure depth to water in 43 groundwater monitoring wells;
- Measure separate-phase hydrocarbons (SPH) where observed;
- Purge monitoring wells using low-flow groundwater sampling techniques.
- Collect groundwater samples from 30 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 May 30, 2012 using an electronic oil/water interface probe. Measurable SPH was not observed in any well. Sheen was observed in Well 12. Field sampling data sheets are included in Appendix B

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 30 groundwater monitoring wells on May 30 through June 1, 2012. A low-flow peristaltic pump and Horiba U-22 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. New, 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 and plastic 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, a select number of wells sampled were analyzed for the following:

- Total petroleum hydrocarbons in the diesel (TPH-D) and oil ranges (TPH-O) using Northwest Total Petroleum Hydrocarbons Method NWTPH-Dx with silica gel cleanup,
- Total lead using EPA Method SW6020,
- Dissolved lead by EPA Method SW6020/SW6020A,
- Nitrate and sulfate by EPA Method 300.0,
- Ferrous iron by Spectrophotometer SM3500-Fe B,
- Methane by Modified Method RSK-175 GC/FID, and
- Sulfide by SM4500-S 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 report and the chain of custody documentation are included in Appendix C.

2.3 Passive Separate-Phase Hydrocarbon Recovery

During previous groundwater monitoring events, measurable SPH or sheens have been observed in eight wells (A-4, A-6, A-16, 12, MW-7, 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 into each well to absorb floating hydrocarbons. During the operation of a bio-spargate barrier from December 2006 through November 2010, the socks were pulled from each well on a monthly basis, concurrent with system O&M events, during which the used sock were removed and a new sock was installed. Currently, socks are replaced on a quarterly basis.

3.0 SUMMARY OF FINDINGS

3.1 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 A-5 (labeled Dup) 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.

3.2 Groundwater Chemistry Data Review

Concentrations of TPH-G ranged from non-detectable at the method reporting limit (MRL) to 8.8 milligrams per liter (mg/L) (MW-7) in groundwater collected from this sampling event. Total petroleum hydrocarbons as diesel (TPH-D) ranged from non-detectable at the laboratory MRL to 6.1 mg/L (MW-21), and total petroleum hydrocarbons as oil (TPH-O) ranged from non-detectable at the laboratory MRL to 0.73 mg/L. The highest concentration of benzene was observed at 0.39 mg/L (MW-24), toluene at 0.14 mg/L (MW-7), ethylbenzene at 0.48 mg/L (MW-19), and total xylenes 1.9 mg/L (MW-7). TPH-G, TPH-D and TPH-O concentrations in groundwater for this monitoring event are shown on Figure 4.

Time-trend plots were prepared for analytes from seven selected monitoring wells that represent different regions of the facility. Wells MW-1, MW-3, MW-6, MW-7, MW-14, MW-19, A-21, and A-27 were selected to provide representation throughout the entire terminal. Time-trend plots of the following analytes were charted:

- Gasoline (TPH-G) and Diesel (TPH-D)
- Methane, Nitrate, and Dissolved Oxygen
- Ferrous Iron and Sulfate

These plots are presented in Graphs A through X.

3.2.1 Hydrocarbon Constituents

An evaluation of groundwater analytical data indicates that concentrations of TPH-D and TPH-O have been below the cleanup criteria of 10 mg/l for each constituent in all monitoring wells for a minimum of 4 consecutive monitoring events. Concentrations of TPH-G have been below the cleanup criterion of 1 mg/l for a minimum of 4 consecutive monitoring events in 23 of 30 monitoring wells. TPH-G exceeds cleanup

criterion in the two on-site wells MW-7 and MW-19, and in 5 off-site wells (MW-23, MW-24, A-21, A-27, and A-28R).

Of the 30 wells sampled during this current event, concentrations of ethylbenzene and toluene has been below the cleanup criteria of 29.0 mg/l and 200.0 mg/l, respectively, in all site monitoring wells. Concentrations of benzene have been below the cleanup criterion of 0.071 mg/l for a minimum of 4 consecutive monitoring events in 26 of 30 monitoring wells. Benzene concentrations exceeded cleanup criterion in on-site monitoring well MW-19 and off-site monitoring wells MW-23 and MW-24.

3.2.2 Total and Dissolved Lead

Since instituting compliance monitoring, total lead concentrations exceeded the cleanup criterion of 0.0058 mg/L in 16 monitoring wells, with dissolved lead detected in water samples from 4 monitoring wells. It should be noted that a cleanup criterion was not established for dissolved lead. Because both total and dissolved lead occurrences appeared to be random, with no apparent trend to the occurrence, KMLT submitted a proposed a technical revision to Ecology of the Compliance Sampling and Analysis Plan (Plan) on September 4, 2008 to replace purge-sampling methodology with low-flow sampling techniques. It was believed that turbulence created during purge sampling may have caused the occurrence of total and dissolved lead. It was thought that implementing low-flow sampling would provide more reliable data with respect to lead. KMLT proposed in the Plan to postpone evaluation of total lead in groundwater following the collection of data using the alternate sampling technique.

Based on a Draft Plan submitted in March 2007, Ecology authorized the use of low-flow groundwater sampling beginning with the June 2007 event. Since the June 2007 event, total lead has been analyzed during five 2nd quarter annual events in 20 monitoring wells. During these events, the concentration of total lead exceeded the cleanup criterion in Wells MW-2 and MW-5 during one event, in Wells MW-7, MW-9, and MW-24 during 4 events, and in MW-8 during five events. During the current event, total lead was analyzed for total lead in 18 wells and concentrations exceeded the cleanup criterion in Wells MW-7, MW-8, and MW-9. Dissolved lead was not detected in the two wells (A-23R and MW-7) analyzed for this constituent.

3.2.3 Natural Attenuation and Time-Trend Analysis

Historically, dissolved oxygen concentrations have fluctuated over time. Decreases of dissolved oxygen can be an indicator of the occurrence of aerobic degradation. Upon depletion of dissolved oxygen, anaerobic conditions increased the availability of alternative electron receptors such as nitrate and sulfate

for utilization by microorganisms, which allowed for natural attenuation to continue through anaerobic processes. Historical data suggests that these processes had occurred within the plume, as indicated by decreased concentrations of nitrate and sulfate over time. Additionally, nitrate and sulfate concentrations within the plume generally appeared to be lower in comparison to background concentrations along the perimeter of the plume, further demonstrating that these anaerobic processes had taken place.

Another indicator that natural attenuation has occurred through anaerobic processes is the increase in concentrations of ferrous iron and methane. Methane concentrations within the interior of the plume, in B and D Yard wells, have shown elevated concentrations over time. A general decrease in ferrous iron concentrations within the plume is observed over time.

3.2.4 Contaminant Evaluation and Time-Trend Analysis

There has been a general decrease in the observance of sheen and SPH in the monitoring wells located in and in the vicinity west of the A-Yard. However, measureable SPH are periodically observed in Wells A-6, A-16, and 12, and was observed as recently as the third quarter 2011 in Well A-16. Sheens have periodically been observed in monitoring wells A-6, A-16, 12 MW-7, MW-21, MW-23, and MW-24 over the past four quarters.

Recent and historical laboratory results for petroleum hydrocarbon concentrations of TPH-G, BTEX and TPH-D in groundwater are consistent with the dispersion and natural attenuation of petroleum hydrocarbons at the site. Concentrations of TPH compounds over the past year have been generally stable, however, a trend of decreasing concentrations can be seen over time.

4.0 REMARKS

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:



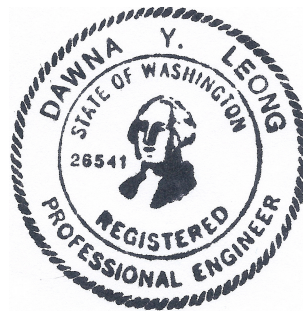
Megan MacDonald
Project Professional

Date: July 25, 2012

Reviewed by:



Dawna Leong, P.E.
Senior Project Professional



Date: July 25, 2012

Tables

Table 1	Groundwater Elevation Data
Table 2	Groundwater Analytical Results
Table 3	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)
A-1	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	
A-2	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	

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Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
A-3	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

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Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
A-4	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
	03/01/12	13.22	NM	--	NM
	05/30/12	13.22	6.88	--	6.34

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 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)
A-5	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
	03/01/12	14.13	7.62	-	6.51
	05/30/12	14.13	7.67	-	6.46

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)
A-6	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
	03/01/12	12.81	6.60	--	6.21
	05/30/12	12.81	6.58	--	6.23

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)
A-7	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)
A-8	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
	03/01/12	14.61	7.74	-	6.87
	05/30/12	14.61	7.87	-	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)
A-9	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)
A-10	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
	03/01/12	13.51	6.72	-	6.79
	05/30/12	13.51	6.72	-	6.79

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)
A-11	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
	03/01/12	14.40	7.55	-	6.85
	05/30/12	14.40	7.42	-	6.98

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)
A-12	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
	03/01/12	12.95	6.46	-	6.49
	05/30/12	12.95	6.35	-	6.60
A-13	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)
A-14	03/27/01	Destroyed during construction activities			
A-14R	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
	03/01/12	14.21	7.42	-	6.79
	05/30/12	14.21	7.44	-	6.77

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)
A-15	03/27/01	Destroyed during construction activities			
A-16	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
	03/01/12	14.39	7.94	Sheen	6.45
	05/30/12	14.39	7.67	--	6.72

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)
A-17	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)
A-18	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
	03/01/12	14.74	7.83	-	6.91
	05/30/12	14.74	7.75	-	6.99

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)
A-19	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
	03/01/12	14.57	7.82	-	6.75
	05/30/12	14.57	7.75	-	6.82

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)
A-20	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
	03/01/12	14.19	7.41	-	6.78
	05/30/12	14.19	7.30	-	6.89

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)
A-21	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
	03/01/12	14.35	7.53	-	6.82
	05/30/12	14.35	7.37	-	6.98

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)
A-22	09/21/01	10.69	NM	-	Destroyed
A-22R	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
	03/01/12	14.11	7.37	-	6.74
	05/30/12	14.11	7.48	-	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)
A-23	06/14/01	Destroyed during construction activities			
A-23R	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
	03/01/12	15.57	8.79	--	6.78
	05/30/12	15.57	8.73	--	6.84

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)
A-24	10/06/00	Destroyed during construction activities			
A-25	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
	03/01/12	13.90	7.75	--	6.15
	05/30/12	13.90	7.30	--	6.60

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)
A-26	03/27/01	Destroyed during construction of utility trench			
A-26R	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
	03/01/12	14.19	7.47	-	6.72
	05/30/12	14.19	7.55	-	6.64

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)
A-27	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
	03/01/12	17.22	10.44	-	6.78
	05/30/12	17.22	10.47	-	6.75

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)
A-28	06/14/01	Destroyed during construction activities			
A-28R	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
	03/01/12	14.93	7.95	-	6.98
	05/30/12	14.93	8.04	-	6.89

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)
A-29	03/27/01	Destroyed during construction of utility trench			
A-29R	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)
3	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			
4	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	
5	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			

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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)
6	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	
7	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)
8	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			
9	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)
10	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
11	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)
12	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
	03/01/12	9.79	1.65	Sheen	8.14
	05/30/12	9.79	1.63	Sheen	8.16

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)
13	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			
14	06/11/03	Abandoned			
15	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			

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Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
16	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
17	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
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 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)
19	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
20	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)
21	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	
22	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)
23	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
24	06/11/03	Abandoned			
25	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
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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)
26	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
27	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)
MW-1	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
	03/01/12	13.21	5.59	-	7.62
	05/30/12	13.21	5.55	-	7.66

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 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)
MW-2	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
	03/01/12	15.22	7.03	-	8.19
	05/30/12	15.22	6.97	-	8.25

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2720 13th Avenue Southwest
Seattle, Washington

Well Number	Date	Casing Elevation^	Depth to Groundwater (TOC)	Separate-Phase Hydrocarbon (Thickness in feet)	Groundwater Elevation (feet)
MW-3	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
	03/01/12	11.39	2.99	-	8.40
	05/30/12	11.39	2.93	-	8.46

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)
MW-4	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
	03/01/12	14.69	6.38	-	8.31
	05/30/12	14.69	6.33	-	8.36

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)
MW-5	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
	03/01/12	11.13	2.66	-	8.47
	05/30/12	11.13	2.73	-	8.40

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)
MW-6	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
	03/01/12	15.17	6.97	-	8.20
	05/30/12	15.17	6.91	-	8.26

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)
MW-7	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
	03/01/12	10.62	2.80	--	7.82
	05/30/12	10.62	2.82	--	7.80

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)
MW-8	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
	03/01/12	10.63	3.18	-	7.45
	05/30/12	10.63	3.27	-	7.36

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)
MW-9	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
	03/01/12	9.75	2.96	--	6.79
	05/30/12	9.75	2.66	--	7.09

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)
MW-10D	03/27/01	Destroyed during construction activities in 2000			
MW-11D	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)
MW-12	02/11/02	Destroyed during construction activities			
MW-12R	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
	03/01/12	15.47	7.31	-	8.16
	05/30/12	15.47	7.30	-	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)
MW-13	02/11/02	Destroyed during construction activities			
MW-13R	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
	03/01/12	15.15	6.99	-	8.16
Well Abandoned 05/25/2012					

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)
MW-14	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
	03/01/12	11.44	3.05	-	8.39
	05/30/12	11.44	3.09	-	8.35

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)
MW-15	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)
MW-16	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
	03/01/12	15.23	6.81	-	8.42
	05/30/12	15.23	6.71	-	8.52

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)
MW-17	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)
MW-18	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
	03/01/12	15.49	6.88	-	8.61
	05/30/12	15.49	6.75	-	8.74

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)
MW-19	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
	03/01/12	11.39	2.82	-	8.57
	05/30/12	11.39	2.79	-	8.60

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)
MW-20	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
	03/01/12	11.72	3.09	-	8.63
	05/30/12	11.72	2.89	-	8.83

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)
MW-21	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
	03/01/12	9.41	2.27	Sheen	7.14
	05/30/12	9.41	2.86	--	6.55

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)
MW-22	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
	03/01/12	16.32	7.98	-	8.34
	05/30/12	16.32	7.92	-	8.40

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)
MW-23	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
	03/01/12	14.15	7.35	--	6.80
	05/30/12	14.15	7.29	--	6.86

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)
MW-24	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
	03/01/12	14.34	7.39	--	6.95
	05/30/12	14.34	7.41	--	6.93

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)
MW-25	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
	05/30/12	13.05	7.12	-	5.93
E-1	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			
SF-01	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)
SF-01R	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)
SH-02	02/11/02	Destroyed during construction activities			
SH-02R	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
	03/01/12	13.40	5.34	-	8.06
	05/30/12	13.40	5.32	-	8.08

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)
SH-04	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)
SH-05R	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
	03/01/12	13.89	6.89	-	7.00
	05/30/12	13.89	6.91	-	6.98

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)
MW-07	01/13/97	Destroyed during construction activities			
MW-07R	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
	03/01/12	13.92	6.10	-	7.82
	05/30/12	13.92	6.12	-	7.80

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)
TMW-B1	09/09/10	NM	NM		NM
	05/23/11	NM	7.37		NM
	12/01/11	NM	8.17		NM
	03/01/12	NM	7.75		NM

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.

[^] = 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)
MW-1	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
	06/01/12	<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)
MW-2	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* ^a
	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
	05/31/12	<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)
MW-3	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
	05/31/12	<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)
MW-4	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
	06/01/12	<0.50	2.0	<0.50	<0.0025	<0.0025	<0.0025	<0.0025	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)
MW-5	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
	05/31/12	<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)
MW-6	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
	03/01/12	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/31/12	<0.25	NA	NA	<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)
MW-7	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 ^{*a}
	06/11/03	5.7	8.7	<0.25	0.13	0.092	0.26	0.52	0.081 ^{*a}
	09/17/03	1.4	12	<0.50	0.078	0.031	0.15	0.089	0.11 ^{*a}
	11/20/03	0.26	0.8	<0.50	<0.0005	<0.0005	<0.0005	0.035	0.019 ^{*a}
	02/26/04	15	21	<0.50	0.11	0.34	0.63	3.8	0.034 ^{*a}
	05/11/04	6.3	11	<0.50	0.059	0.15	0.31	1.3	0.0083 ^{*a}
	08/26/04	7.1	20	<0.50	0.054	0.22	0.34	1.7	0.067 ^{*a}
	12/15/04	18	4.4	<0.50	0.14	0.37	0.53	3	0.19 ^{*a}
	03/09/05	3.5	2.1	<0.50	0.045	0.034	0.09	0.27	0.079 ^{*a}
	06/08/05	2.9	2.3	<0.50	0.054	0.05	0.11	0.44	0.069 ^{*a}
	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 ^{*a}
	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 ^{*a}
	12/13/06	NS	NS	NS	NS	NS	NS	NS	NS
	03/27/07	13	NA	NA	0.091	0.22	0.60	2.5	NA
	06/20/07	6.6	NA	NA	0.027	0.060	0.19	1.1	0.030*
	09/24/07	6.6	NA	NA	0.023	0.094	0.27	2.0	NA
	12/11/07	27	NA	NA	0.031	0.33	0.87	6.6	NA
	03/04/08	19	NA	NA	0.032	0.19	0.66	3.8	NA
	06/04/08	6.4	NA	NA	<0.01	0.088	0.30	0.77	0.019 ^{***}
	09/08/08	15	NA	NA	0.015	0.064	0.350	2.6	NA
	12/05/08	8.7	NA	NA	0.019	0.046	0.330	1.5	NA
	03/04/09	5.7	NA	NA	0.014	0.073	0.25	1.4	NA
	06/02/09	5.5	NA	NA	0.014	0.029	0.15	0.89	0.0072*
	09/21/09	6.1	NA	NA	0.0072	0.030	0.18	1.1	NA
	11/17/09	18	NA	NA	<0.020	0.16	0.54	4.3	NA
	03/09/10	5.8	NA	NA	0.013	0.047	0.20	0.90	NA
	06/09/10	4.9	NA	NA	0.0075	0.058	0.25	1.2	0.0064*
	09/09/10	1.9	<0.25	<0.50	0.0036	0.0082	0.041	0.23	NA
	11/15/10	8.8	NA	NA	0.012	0.10	0.340	2.10	NA
	03/01/11	4.9	NA	NA	0.0051	0.055	0.11	0.77	NA
	05/24/11	5.0	NA	NA	0.0062	0.050	0.14	0.66	0.0082 ^{***}
	08/29/11	2.3	NA	NA	0.0022	0.0055	0.026	0.16	NA
	12/01/11	5.2	NA	NA	<0.0005	0.026	0.036	0.83	NA
	03/01/12	6.0	<0.25	<0.50	0.011	0.099	0.24	0.90	NA
	05/31/12	8.8	NA	NA	0.020	0.14	0.36	1.9	0.0063^{***}

**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)
MW-8	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
	05/31/12	<0.25	<0.25	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	0.032

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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
MW-9	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
	03/01/12	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/31/12	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	0.012

**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)
MW-12	06/20/01	<0.06	1.7	<0.5	<0.001	<0.001	<0.001	<0.003	<0.004
MW-12R	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
	06/01/12	<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)
MW-13	06/19/01	<0.05	1.3	<0.5	<0.001	<0.001	<0.001	<0.003	<0.004
MW-13R	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
Well Abandoned 05/25/2012									

**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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
MW-14	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
	03/01/12	<0.25	NA	NA	<0.0010	<0.0010	<0.0010	<0.0010	NA
	05/31/12	<0.25	NA	NA	<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)
MW-16	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
	05/31/12	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
MW-17	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)
MW-18	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
	03/02/12	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/31/12	<0.25	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)
MW-19	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
	03/01/12	6.4	NA	NA	0.15	0.064	0.34	0.44	NA
	05/31/12	8.3	NA	NA	0.079	0.073	0.48	0.81	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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
MW-20	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
	05/31/12	<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)
MW-21	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
	03/01/12	<0.25	0.51	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	NA
	05/31/12	<0.25	6.1	<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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
MW-22	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 ^a	<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
	05/31/12	<1.0	2.1	0.73	<0.0050	<0.0050	<0.0050	<0.0050	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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
MW-23	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
	03/02/12	4.0	NA	NA	0.12	0.0029	0.13	0.027	NA
	05/30/12	4.5	NA	NA	0.087	<0.0025	0.14	0.022	<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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
MW-24	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
	03/02/12	8.7	NA	NA	0.53	0.014	0.25	1.1	NA
	05/30/12	7.3	NA	NA	0.39	0.013	0.30	0.88	<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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
MW-25	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* ^a
	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* ^a
	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
	06/01/12	<0.25	<0.25	<0.50	0.0011	<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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
A-5	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
	03/02/12	<0.25	NA	NA	0.00094	<0.0005	<0.0005	<0.0005	NA
	06/01/12	<0.25	NA	NA	0.011	<0.0010	<0.0010	0.0010	NA
DUP	06/01/12	<0.25	NA	NA	0.012	<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)
A-8	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
	06/01/12	<0.50	0.90	<0.50	<0.0025	<0.0025	<0.0025	<0.0025	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)
A-10	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
	06/01/12	<0.25	0.62	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	NA
A-12	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)
A-14R	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
	06/01/12	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
A-18	05/25/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
A-19	05/25/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
A-20	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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
A-21	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
	03/02/12	1.7	NA	NA	<0.0010	<0.0010	0.16	0.026	NA
	05/30/12	1.5	NA	NA	<0.0010	<0.0010	0.027	<0.0010	<0.0050
A-22R	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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
A-23R	02/14/02	0.26	2.1	<0.5	0.06	0.001	0.0099	0.0072	0.72 ^{*a}
	05/20/02	0.74	6.9	<0.5	0.15	<0.001	0.088	0.0067	0.095 ^{*a}
	08/28/02	0.62	2.1	<0.5	0.20	0.0035	0.021	0.0075	0.23 [*]
	11/05/02	0.74	1.7	<0.5	0.22	<0.0015	0.0059	0.014	0.18 [*]
	02/19/03	0.71	2.3	<0.5	0.26	0.0033	0.0054	0.0059	0.049 [*]
	06/10/03	<0.25	1.8	<0.25	0.0073	<0.001	0.0028	<0.001	<0.005 [*]
	09/16/03	0.70	1.3	<0.50	0.043	0.0029	0.057	0.0018	0.38 [*]
	11/19/03	1.0	0.78	<0.50	0.08	0.0037	0.069	0.0035	0.13 [*]
	02/25/04	1.6	0.78	<0.50	0.26	0.0072	0.061	0.015	0.081 [*]
	05/12/04	0.28	0.45	<0.50	0.020	0.00075	0.0022	0.00082	<0.0050 [*]
	08/25/04	2.3	0.35	<0.50	0.46	0.012	0.074	0.02	0.012 [*]
	12/14/04	2.0	0.65	<0.50	0.37	0.0084	0.041	0.013	0.018 [*]
	03/10/05	0.60	0.31	<0.50	0.035	0.0011	0.0045	0.0014	0.035 [*]
	06/07/05	0.33	<0.25	<0.50	0.0080	<0.0005	0.0012	<0.0005	0.013 [*]
	09/20/05	<0.25	<0.25	<0.50	0.00060	<0.0005	<0.0005	<0.0005	0.0096 ^{*a}
	12/14/05	0.37	<0.25	<0.50	0.019	0.00056	0.00065	0.00058	0.032 [*]
	03/15/06	1.1	<0.25	<0.50	0.34	0.0033	<0.0025	0.0051	<0.0050 [*]
	06/08/06	0.34	<0.25	<0.50	0.033	<0.0005	<0.0005	0.031	0.0081 [*]
	09/12/06	0.42	<0.25	<0.50	0.010	<0.0005	0.032	0.0013	0.035 [*]
	12/12/06	2.1	<0.25	<0.50	0.52	0.0066	0.053	0.021	<0.0050 [*]
	03/27/07	0.86	NA	NA	0.17	0.0019	0.0019	0.0045	NA
	06/19/07	0.44	NA	NA	0.021	0.00058	0.010	0.0013	0.0076 [*]
	09/24/07	NS	NS	NS	NS	NS	NS	NS	NS
	12/11/07	0.79	NA	NA	0.095	0.0025	0.0050	0.0026	NA
	03/04/08	<0.25	NA	NA	0.00097	<0.0005	<0.0005	<0.0005	NA
	06/05/08	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
	12/05/08	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/04/09	<0.25	NA	NA	0.00073	<0.0005	0.0022	0.013	NA
	06/02/09	<0.25	NA	NA	0.0013	<0.00050	0.0021	0.0059	<0.0050 [*]
	09/21/09	<0.25	NA	NA	<0.00050	<0.00050	<0.00050	<0.00050	NA
	11/16/09	<0.25	NA	NA	<0.0005	<0.0005	0.001	<0.0005	NA
	03/08/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	06/08/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050 [*]
	09/09/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	11/16/10	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	03/01/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/24/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050 ^{***}
	08/29/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	12/01/11	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0010	NA
	03/01/12	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	NA
	05/30/12	<0.25	NA	NA	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050^{***}
A-25	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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
A-26R	05/25/11	22	NA	NA	4.0	0.095	1.6	0.75	NA
A-27	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
	03/01/12	1.4	NA	NA	0.012	0.0018	0.035	0.0077	NA
	05/30/12	1.6	NA	NA	0.015	0.0016	0.038	0.0066	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)
A-28R	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
	03/02/12	2.6	NA	NA	0.086	0.0022	0.075	0.012	NA
	05/30/12	2.7	NA	NA	0.065	0.0017	0.050	0.0085	<0.0050
A-29R	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)
SH-02	12/20/00	0.078	<0.25	<0.5	0.001	<0.001	<0.001	<0.003	0.015**
SH-02R	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
	06/01/12	<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)
SH-05	12/20/00	<0.05	1.0	<0.5	<0.001	<0.001	<0.003	<0.001	0.017**
SH-05R	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)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total Lead (mg/L)
MW-07R	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
	06/01/12	<0.25	<0.25	<0.50	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050
TMW-B1	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
	03/01/12	8.0	NA	NA	0.079	<0.0025	0.28	0.55	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)
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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.

*^a = 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.

^a = 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)
MW-1	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 ^b	5.2	<0.1
	11/19/03	1.9	3.8	15	<0.25 ^b	0.50	<0.1
	02/25/04	2.2	2.6	21	<0.25 ^b	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	NA
	05/31/12	0.00	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)
MW-2	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 ^b	21	0.6
	11/19/03	6.4	0.13	0.4	<0.25 ^b	8.3	<0.1
	02/25/04	4.3	0.079	0.75	0.67 ^b	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
	05/23/11	3.30	NA	NA	NA	NA	<0.0050
	05/31/12	1.83	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)
MW-3	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	NA
	05/31/12	0.34	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)
MW-4	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 ^b	49	0.6
	02/25/04	2.2	1.2	32	<0.25 ^b	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
	06/01/12	0.00	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)
MW-5	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 ^b	5.6	0.1
	11/20/03	4.9	<0.01	0.3	<0.25 ^a	4.7	0.2
	02/24/04	3.1	0.33	0.062	<0.25 ^b	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 ^{*a}
	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
	05/31/12	2.33	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)
MW-6	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 ^b	2.9	1.0
	11/19/03	5.1	1.7	5.4	<0.25 ^b	19	<0.1
	02/25/04	2.4	<0.01	0.49	2.8 ^b	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
	03/01/12	1.69	NA	NA	NA	NA	NA
	05/31/12	0.00	<0.010	<0.050	2.1	18	<0.10

**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)
MW-7	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 ^a	3.0	1.1
	11/20/03	2.4	0.98	0.9	1.3 ^a	19	<0.1
	02/26/04	6.2	18	27	<0.25 ^b	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
	03/01/12	0.25	NA	NA	NA	NA	NA
	05/31/12	0.00	14	1.5	<0.25	2.4	0.70

**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)
MW-8	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 ^a	6.7	0.4
	11/20/03	1.7	<0.010	<0.2	2.4 ^a	11	0.1
	02/26/04	2.3	<0.01	0.57	1.2 ^b	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
	05/31/12	0.79	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)
MW-9	06/11/03	2.1	6.6	15	<0.25	2.0	0.7
	09/17/03	2.1	9.8	19	<0.25 ^a	1.5	0.7
	11/20/03	1.6	2.2	14	<0.25 ^a	66	0.3
	02/26/04	1.1	15	12	<0.25 ^b	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
	03/01/12	1.35	NA	NA	NA	NA	NA
	05/31/12	0.00	0.13	<0.050	0.38	5.3	<0.10
MW-12R	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
	06/01/12	0.00	NA	NA	NA	NA	<0.0050
MW-13R	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)
MW-14	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 ^b	0.89	0.5
	11/20/03	3.7	0.57	4.9	0.57 ^a	31	<0.1
	02/24/04	4.3	2.4	19	<0.25 ^b	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
	03/01/12	1.10	NA	NA	NA	NA	NA
	05/31/12	0.00	0.086	<0.050	<0.25	10	<0.10

**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)
MW-16	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
	05/31/12	0.02	NA	NA	NA	NA	NA
MW-18	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
	03/02/12	0.57	NA	NA	NA	NA	NA
	05/31/12	0.00	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)
MW-19	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 ^b	5.2	0.7
	11/20/03	4.8	18	49	<0.25 ^a	10	0.5
	02/24/04	2.1	20	39	<0.25 ^b	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
	03/01/12	0.26	NA	NA	NA	NA	NA
	05/31/12	0.00	13	10	<0.25	<0.50	0.21

**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)
MW-20	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 ^a	1,800	0.5
	11/20/03	13.0	0.15	1.7	<0.25 ^a	1,900	<0.1
	02/25/04	14.0	0.026	0.34	<0.25 ^b	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
	05/31/12	0.00	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)
MW-21	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 ^a	17	0.5
	02/26/04	1.0	12	17	<0.25 ^b	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
	03/01/12	0.79	NA	NA	NA	NA	NA
	05/31/12	0.00	0.24	0.092	<0.25	5.7	0.22

**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)
MW-22	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 ^b	230	1.6
	11/19/03	6.6	0.056	2.3	<0.25 ^b	100	0.4
	02/25/04	8.2	<0.01	2.4	0.38 ^b	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 ^{*b}
	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
	05/31/12	0.00	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)
MW-23	02/25/04	1.6	12	15	<0.25 ^b	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
	03/02/12	0.65	NA	NA	NA	NA	NA
	05/30/12	0.00	5.5	41	<0.25	74	0.38

**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)
MW-24	02/25/04	1.7	15	22	<0.25 ^b	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
	03/02/12	1.52	NA	NA	NA	NA	NA
	05/30/12	0.00	7.5	31	<0.25	2.4	0.15

**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)
MW-25	02/26/04	1.3	1.5	27	<0.25 ^b	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
	06/01/12	0.00	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)
A-5	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
	03/02/12	0.37	NA	NA	NA	NA	NA
	06/01/12	0.00	NA	NA	NA	NA	NA
A-8	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
	06/01/12	0.00	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)
A-10	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 ^a	12	0.6
	11/20/03	1.4	0.10	4.9	<0.25 ^a	3.7	0.3
	02/26/04	1.5	0.24	5.1	<0.25 ^b	61	0.2
	05/12/04	0.6	NA ^{*a}	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
	06/01/12	0.00	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)
A-14R	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 ^a	240	0.2
	11/20/03	1.8	0.45	2.4	0.63 ^a	250	<0.1
	02/26/04	1.4	3.3	0.31	0.69 ^b	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
	06/01/12	0.00	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)
A-21	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 ^b	5.3	0.7
	11/19/03	1.7	5.6	26	<0.25 ^b	16	0.2
	02/25/04	2.1	2.6	31	<0.25 ^b	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
	03/02/12	0.29	NA	NA	NA	NA	NA
	05/30/12	0.00	<0.010	9.6	<0.25	940	0.15

**TABLE 3
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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)
A-23R	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 ^b	100	0.9
	11/19/03	1.5	8.7	7.8	<0.25 ^b	26	0.8
	02/25/04	1.7	13	14	<0.25 ^b	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
	03/01/12	1.47	NA	NA	NA	NA	NA
	05/30/12	0.00	<0.010	86	<0.25	470	<0.10

**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)
A-27	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 ^b	0.59	0.7
	11/19/03	1.1	8.9	19	<0.25 ^b	0.33	<0.1
	02/25/04	1.9	12	27	<0.25 ^b	<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
	03/01/12	0.32	NA	NA	NA	NA	NA
	05/30/12	0.00	2.6	21	<0.25	1.1	<0.10

**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)
A-28R	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 ^b	0.41	0.5
	11/19/03	1.2	9.9	47	<0.25 ^b	0.25	<0.1
	02/25/04	1.8	9.6	46	<0.25 ^b	<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 ^{*b}	NA ^{*b}
	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
	03/02/12	2.47	NA	NA	NA	NA	NA
	05/30/12	0.00	2.0	42	<0.25	<0.50	0.11

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

Sample I.D.	Date	Dissolved Oxygen (mg/L)	Methane (Head Space) (mg/L)	Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)
SH-02	12/20/00	-	5.4	0.86	0.04	14	0.32
SH-02R	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 ^b	5.1	0.4
	11/19/03	1.1	1.5	4.6	0.34 ^b	7.1	0.2
	02/25/04	3.4	5.0	14	0.46 ^b	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
	06/01/12	0.00	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)
SH-05	12/20/00	-	0.01	1.8	0.14	6	<0.01
SH-05R	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 ^b	0.46	0.9
	11/19/03	3.1	1.6	36	<0.25 ^b	71	0.5
	02/25/04	2.5	0.56	0.087	0.76 ^b	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)
MW-07R	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 ^b	9.1	1.6
	11/19/03	2.2	0.017	4.9	0.77 ^b	14	0.3
	02/25/04	2.1	<0.01	1.8	0.42 ^b	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
	06/01/12	1.03	NA	NA	NA	NA	<0.0050
TMW-B1	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
	03/01/12	0.30	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)
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Notes:

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.

*^a Lab received broken VOA, not able to run analysis

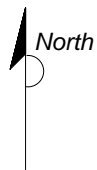
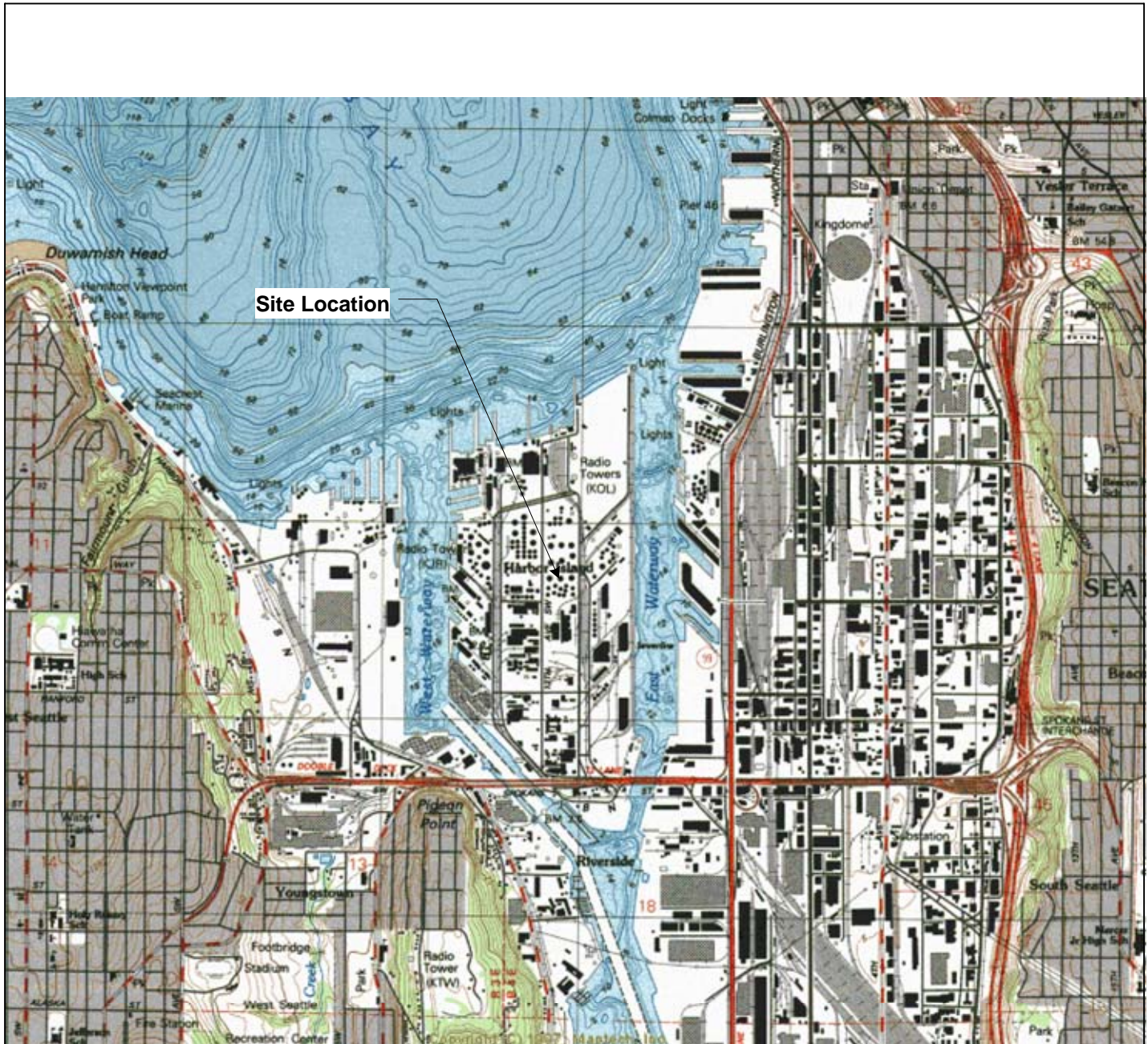
*^b Lab did not receive sample container to run analysis

^a 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.

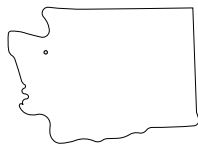
^b The lab analyzed these samples for nitrate only, using sulfuric acid preserved samples (submitted for nitrate analysis). Holding time for preserved samples for nitrate analysis is 28 days. The lab analyzed these for nitrate because non-preserved samples were received outside of 48 hours.

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

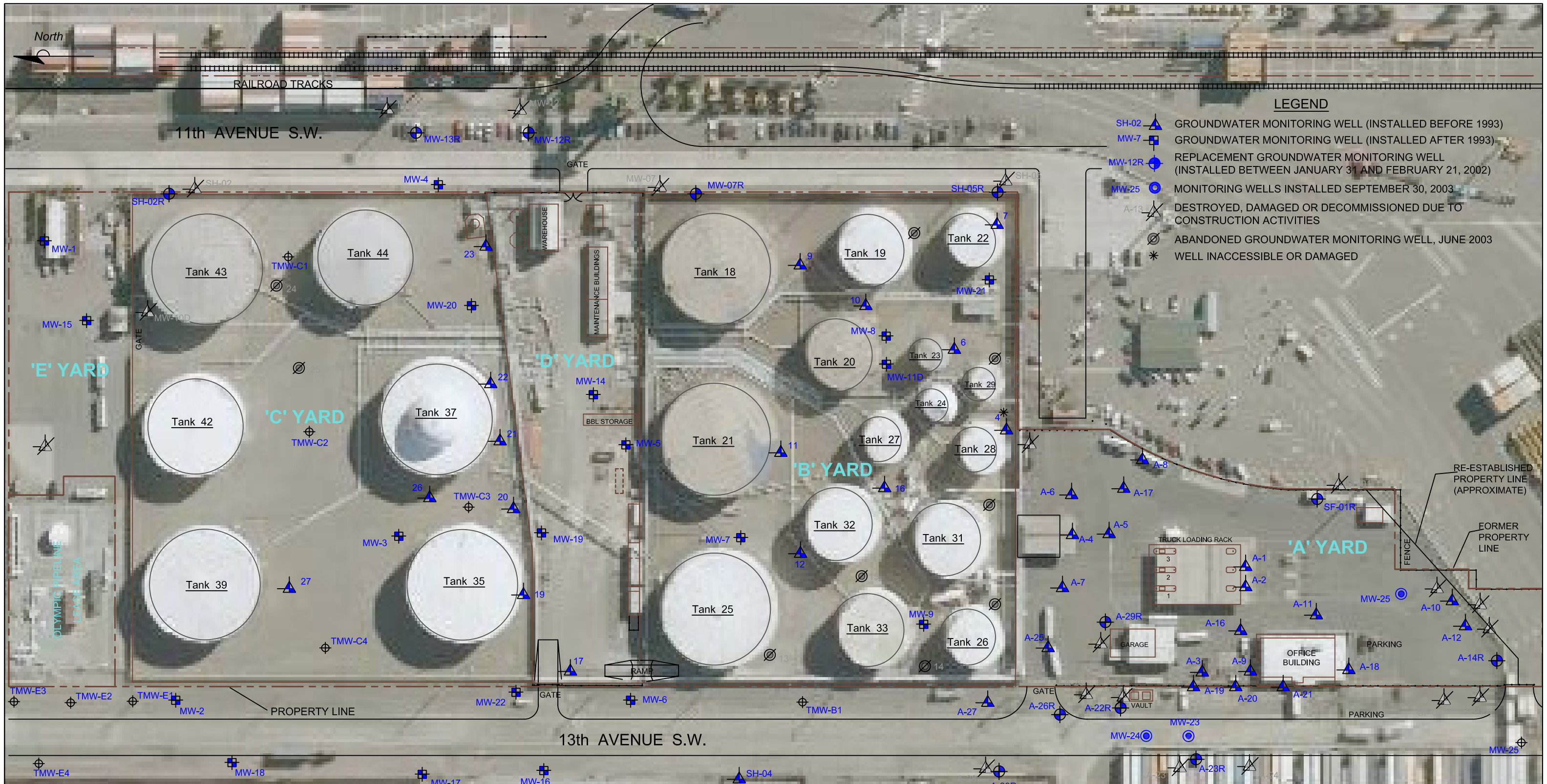
FIGURE 1

SITE LOCATION MAP

KINDER MORGAN LIQUID TERMINALS, LLC
 HARBOR ISLAND TERMINAL
 2720 13TH 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





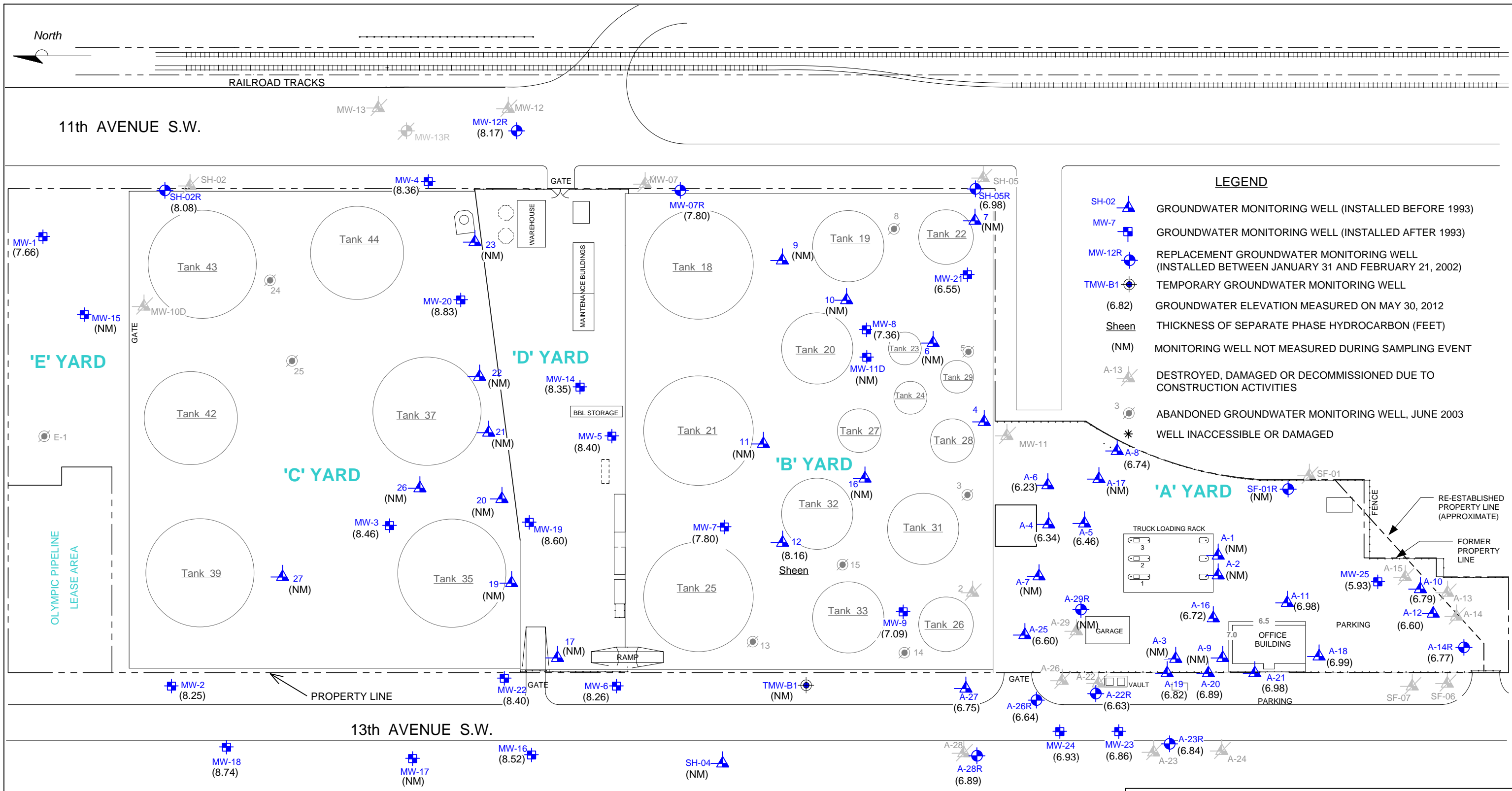
LEGEND

- 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-25 ⊙ MONITORING WELLS INSTALLED SEPTEMBER 30, 2003
- A-13 ✕ DESTROYED, DAMAGED OR DECOMMISSIONED DUE TO CONSTRUCTION ACTIVITIES
- ⊘ ABANDONED GROUNDWATER MONITORING WELL, JUNE 2003
- * WELL INACCESSIBLE OR DAMAGED

**FIGURE 2
SITE MAP**

**KINDER MORGAN LIQUID TERMINALS, LLC
HARBOR ISLAND TERMINAL
2720 13TH AVENUE SOUTHWEST
SEATTLE, WASHINGTON**

PROJECT NO. STKM-001-W.0006	DRAWN BY RG / DR / DD
FILE NO. STKM-001-P-0001	PREPARED BY MU
REVISION NO. 0	REVIEWED BY MU



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 MAY 30, 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

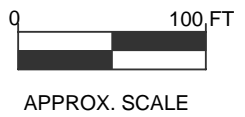
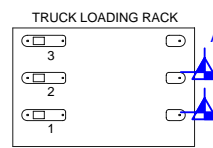



FIGURE 3
GROUNDWATER ELEVATION MAP
KINDER MORGAN LIQUIDS TERMINALS, LLC
HARBOR ISLAND TERMINAL
2720 13TH AVENUE SOUTHWEST
SEATTLE, WASHINGTON

PROJECT NO. KMHI-0002F.0001	DRAWN BY MM June 2012
FILE NO. KMHI-0002F.0001	PREPARED BY MM
REVISION NO. 0	REVIEWED BY DL



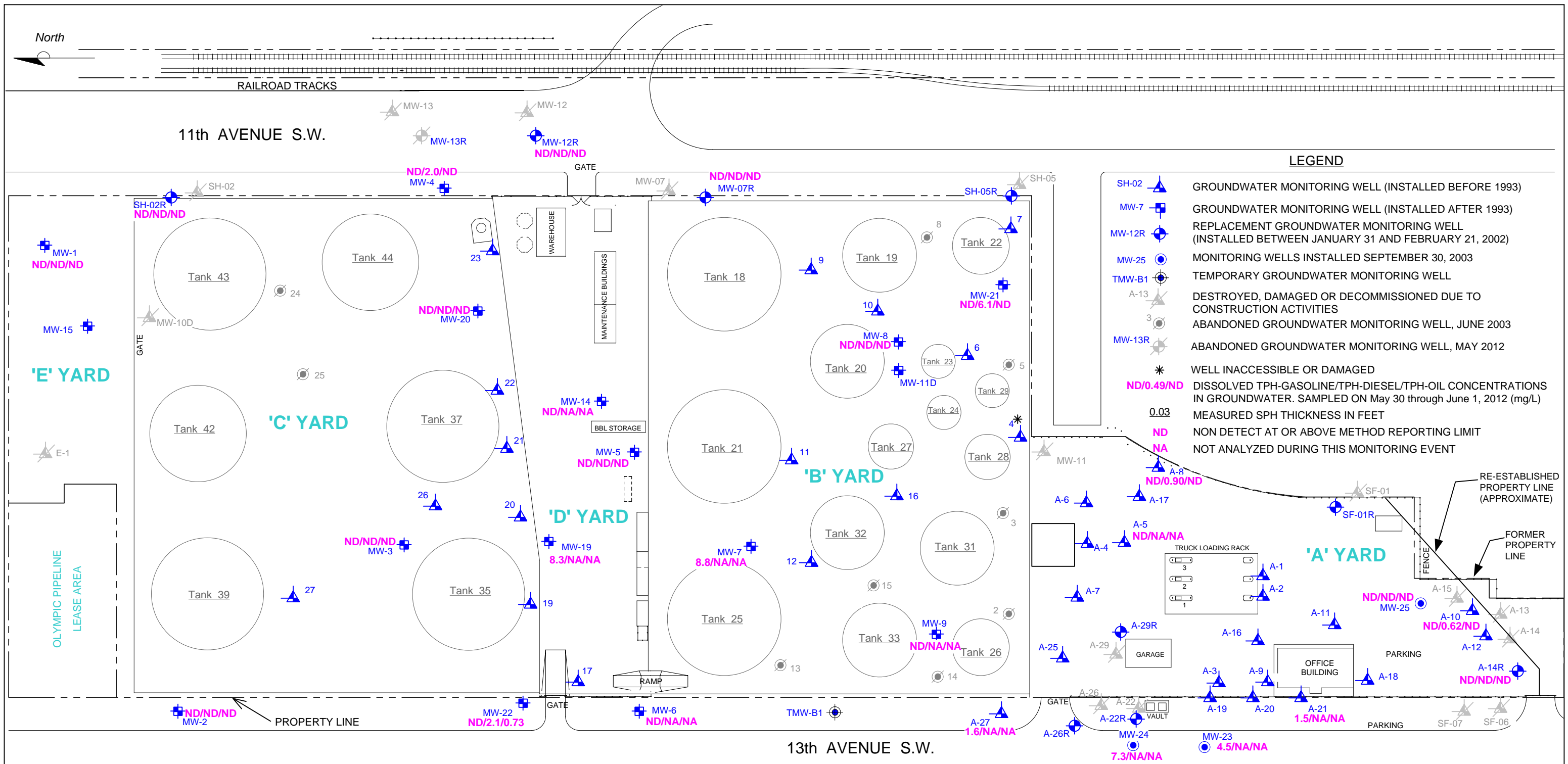
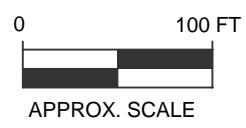


FIGURE 4
TPH CONCENTRATION MAP- GROUNDWATER
KINDER MORGAN LIQUIDS TERMINALS, LLC
HARBOR ISLAND TERMINAL
2720 13TH AVENUE SOUTHWEST
SEATTLE, WASHINGTON

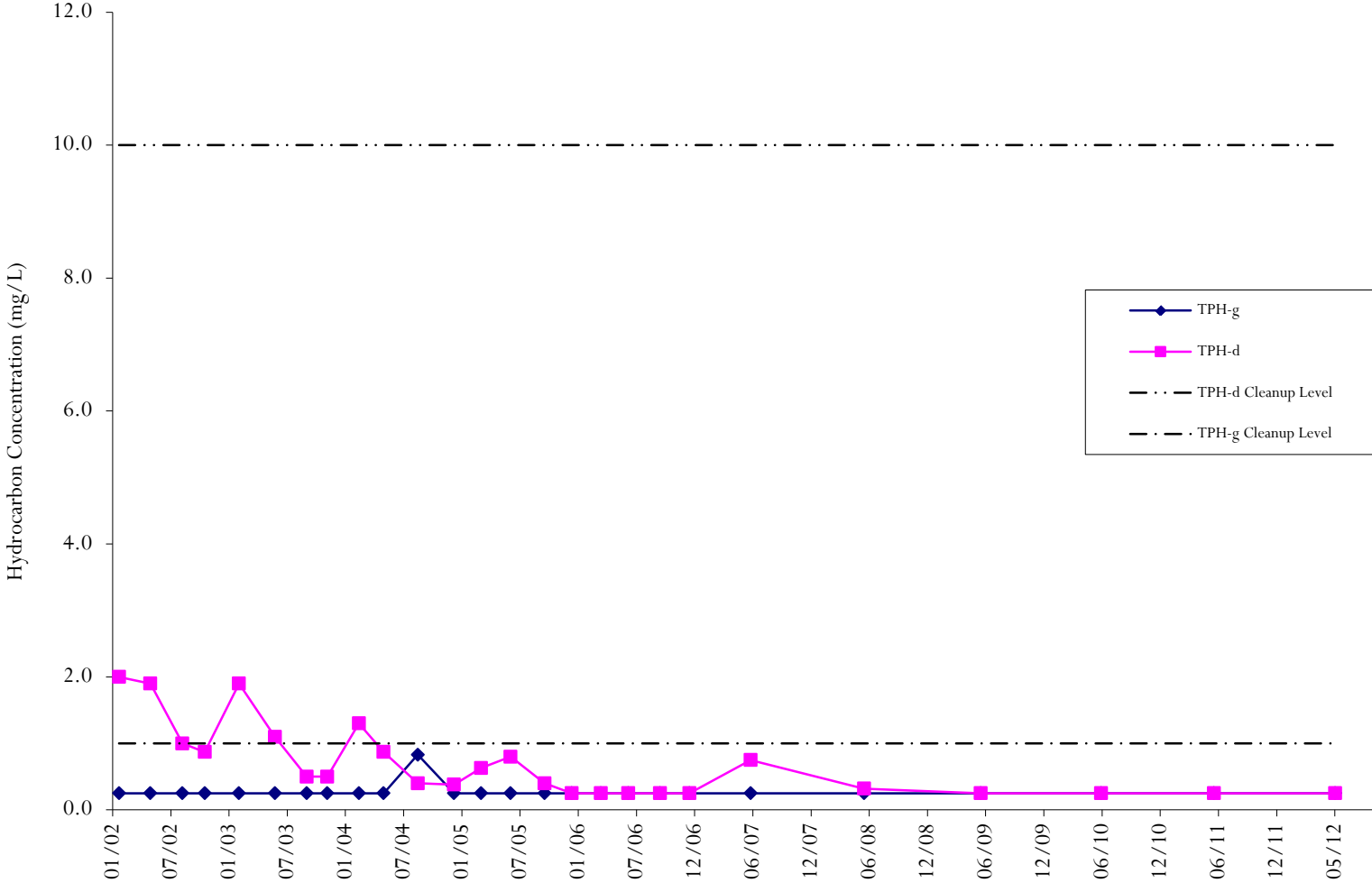
PROJECT NO. KMHI-0002F	DRAWN BY MM June 2012
FILE NO. KMHI-0002F	PREPARED BY MM
REVISION NO. 0	REVIEWED BY DL



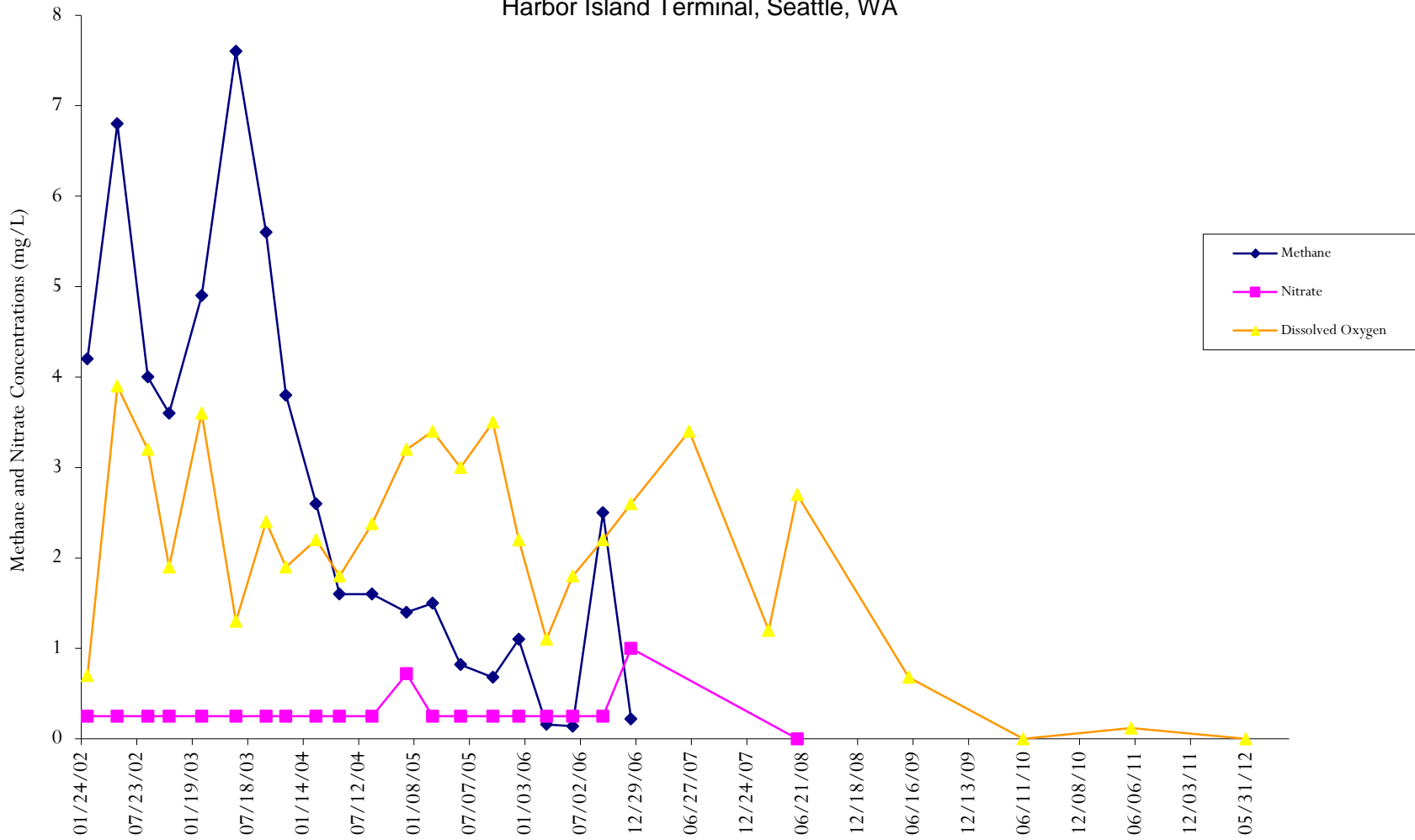
GRAPHS

Graphs A-C	Well MW-1
Graphs D-F	Well MW-3
Graphs G-I	Well MW-6
Graphs J-L	Well MW-7
Graphs M-O	Well MW-14
Graphs P-R	Well MW-19
Graphs S-U	Well A-21
Graphs V-X	Well A-27

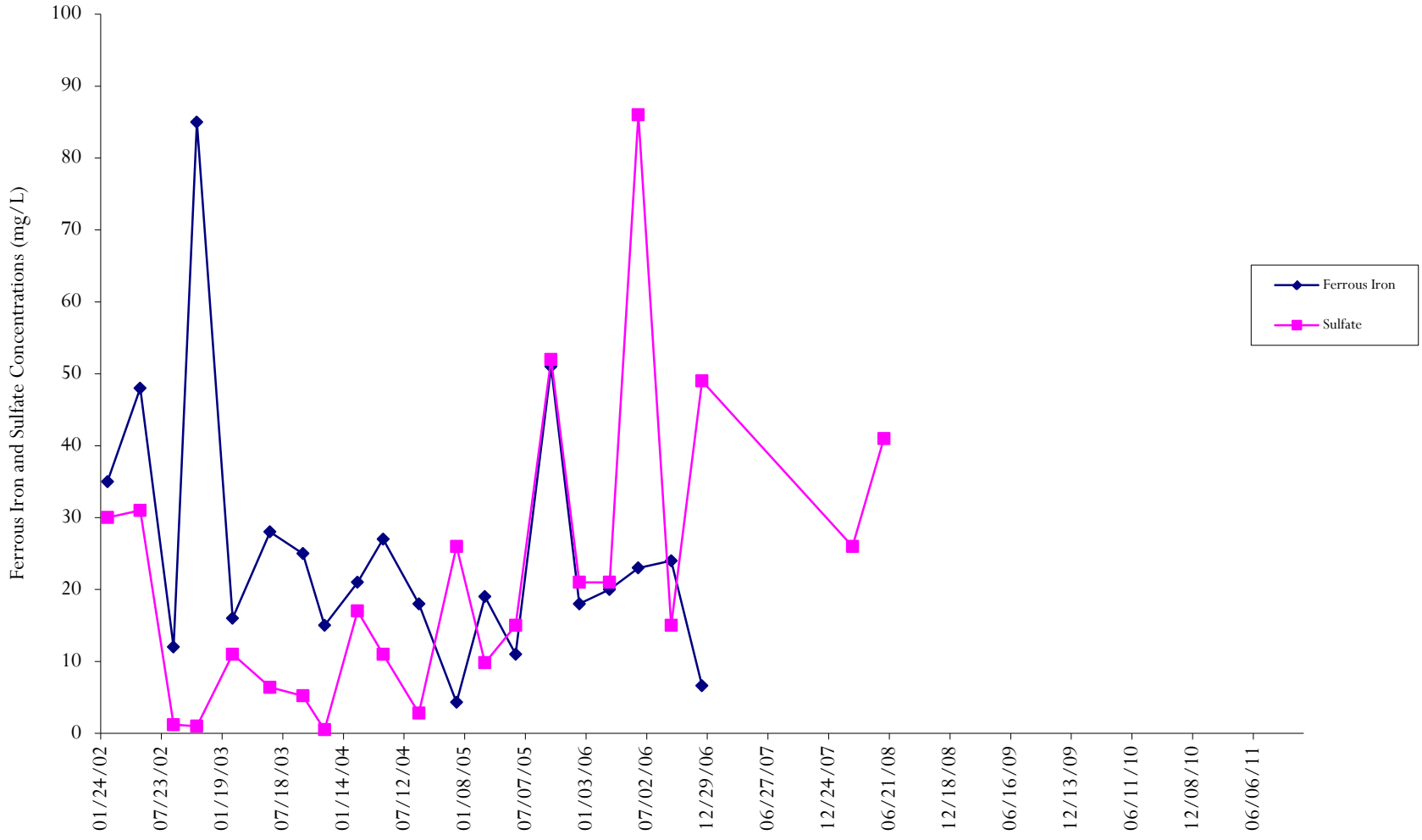
GRAPH A
HYDROCARBON CONCENTRATIONS vs. TIME
WELL MW-1
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



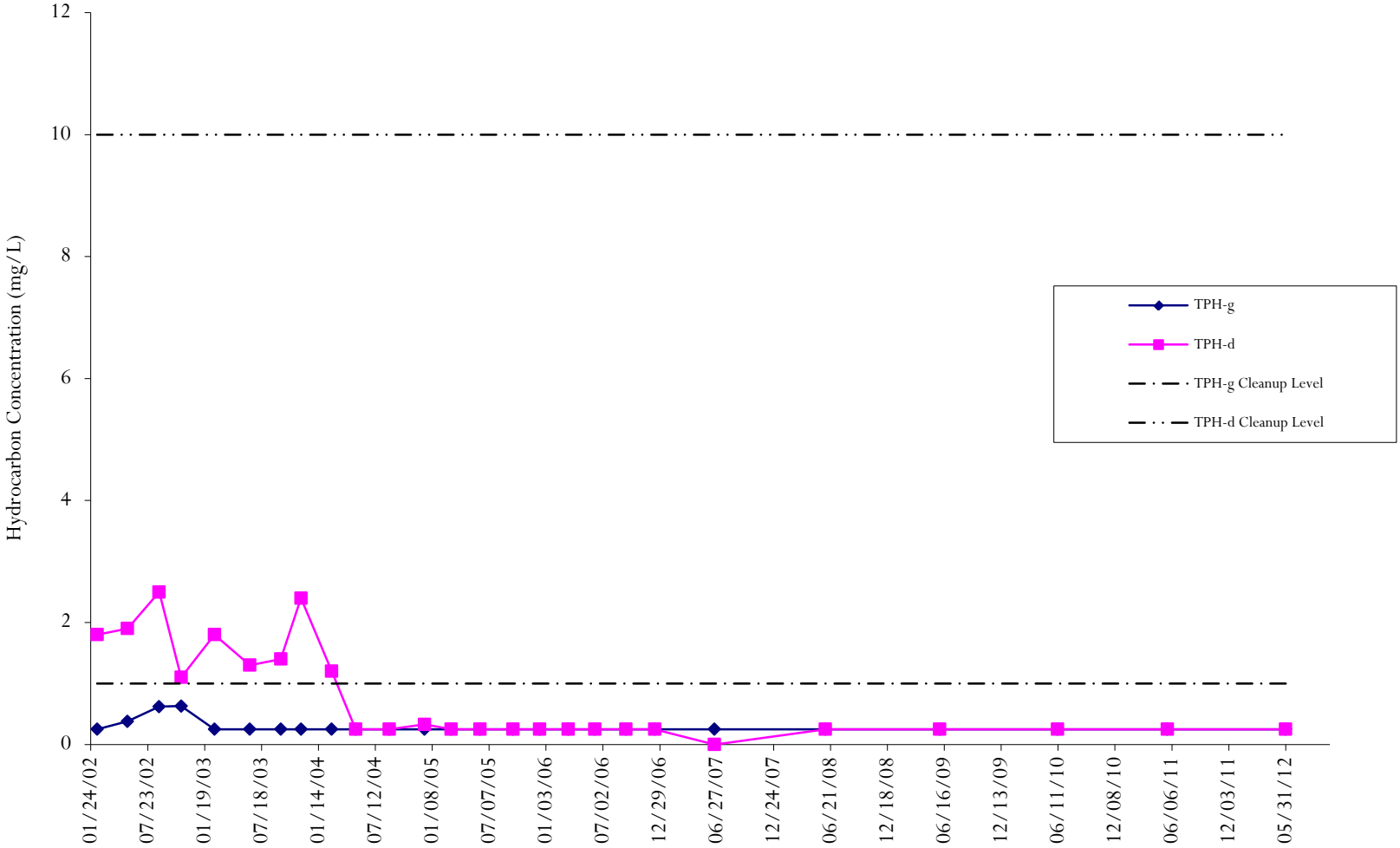
GRAPH B
METHANE, NITRATE & DISSOLVED OXYGEN vs. TIME
WELL MW-1
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



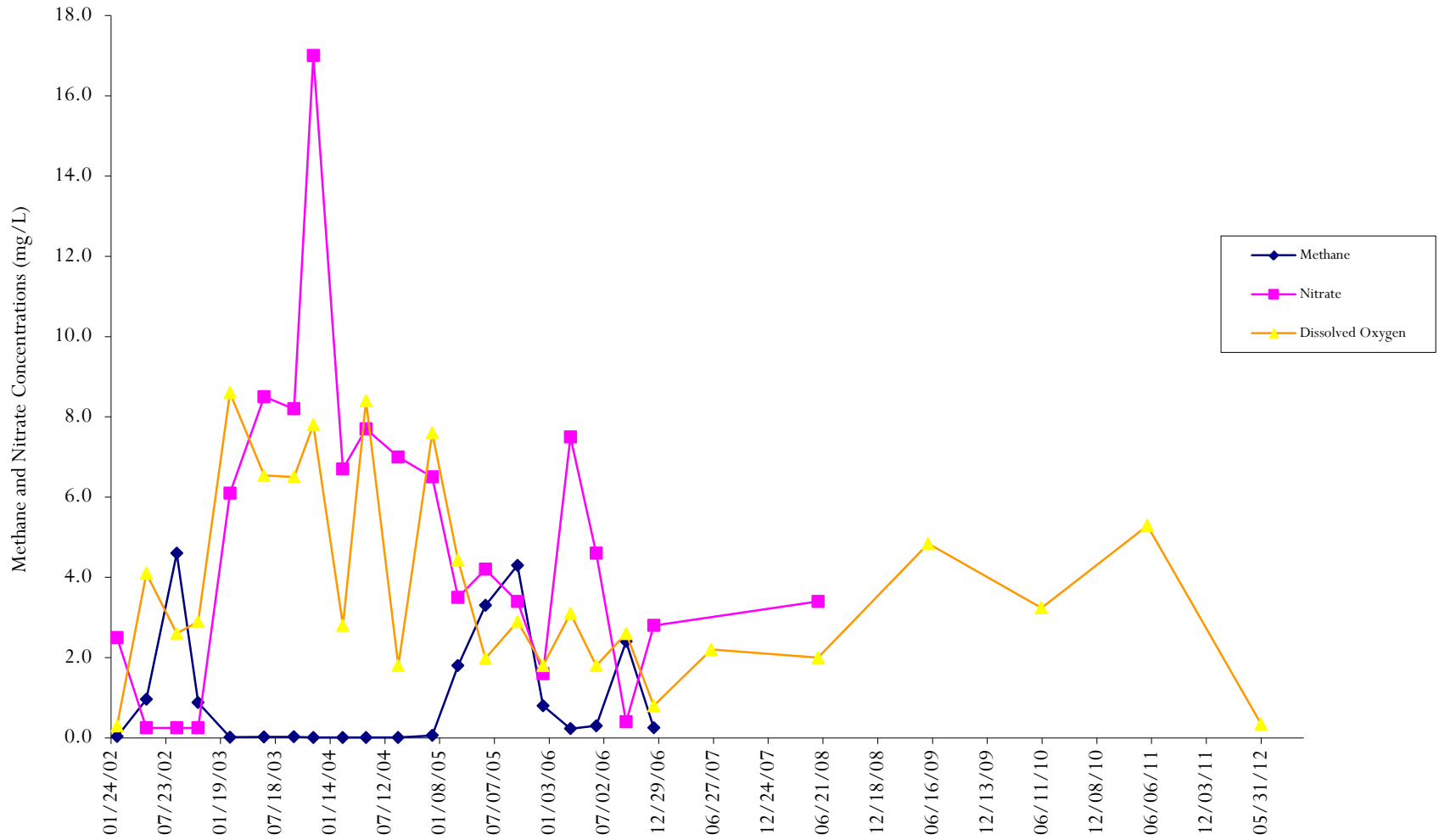
GRAPH C
FERROUS IRON & SULFATE vs. TIME
WELL MW-1
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



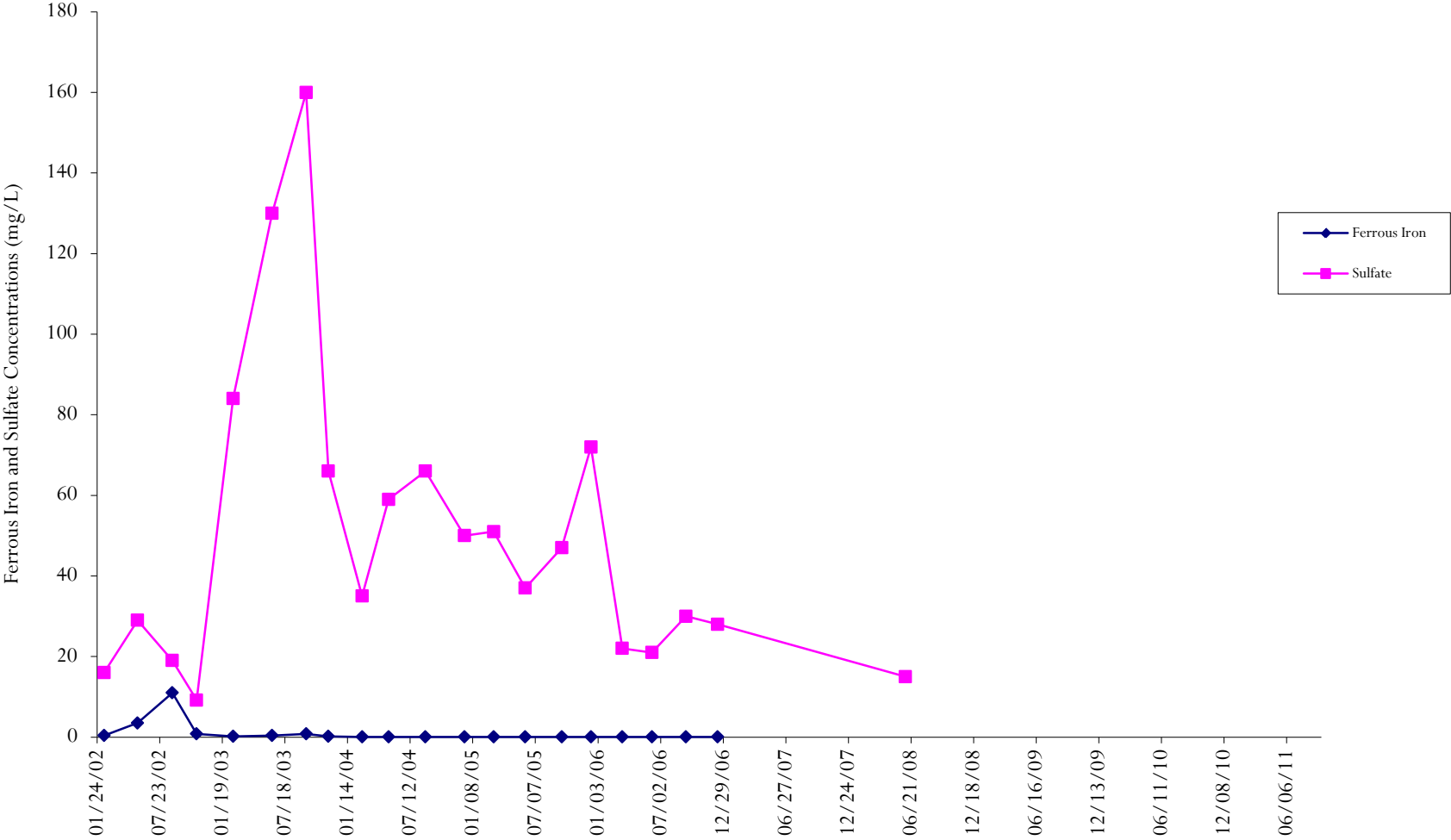
GRAPH D
HYDROCARBON CONCENTRATIONS vs. TIME
WELL MW-3
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



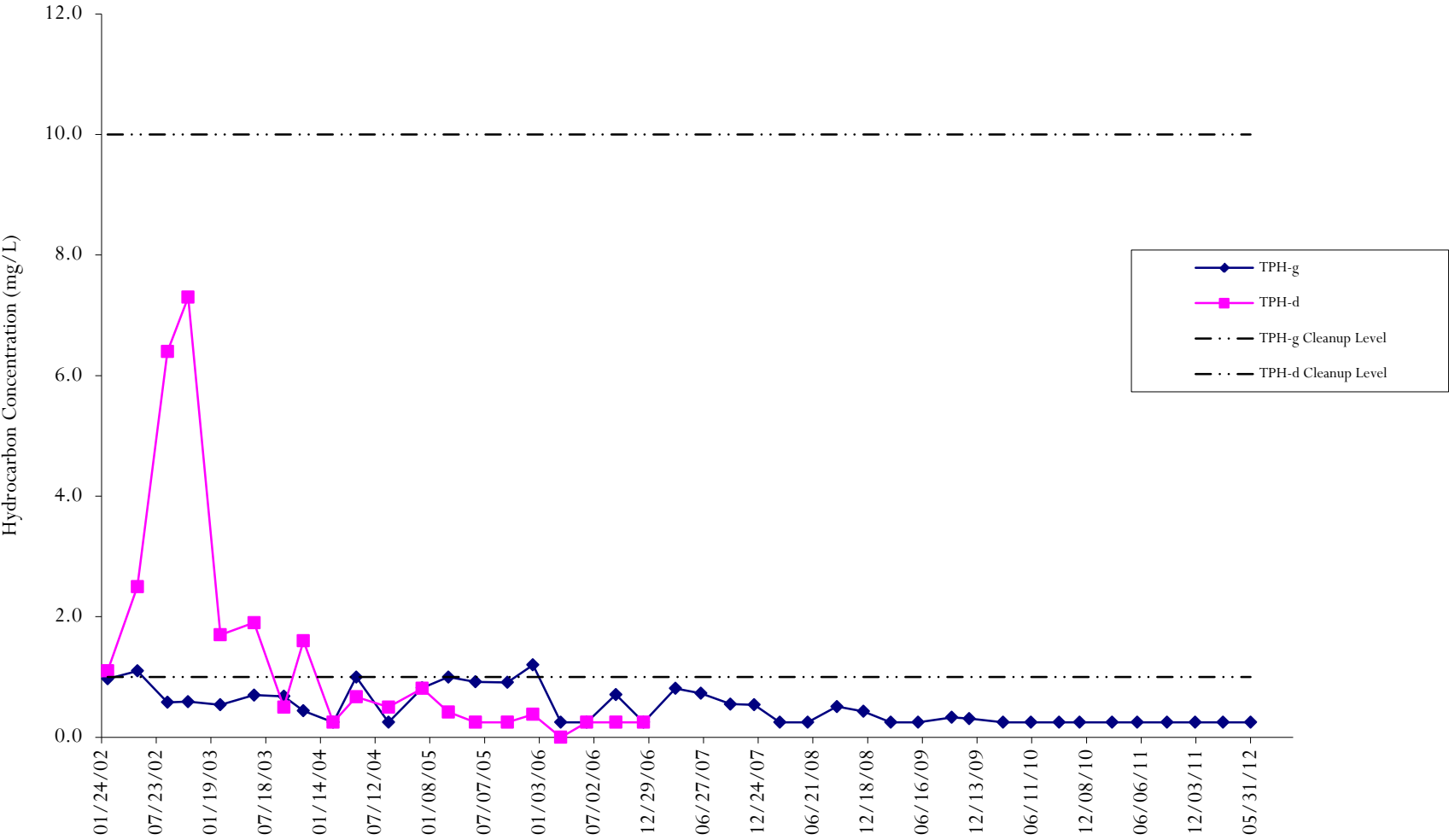
GRAPH E
METHANE, NITRATE & DISSOLVED OXYGEN vs. TIME
WELL MW-3
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



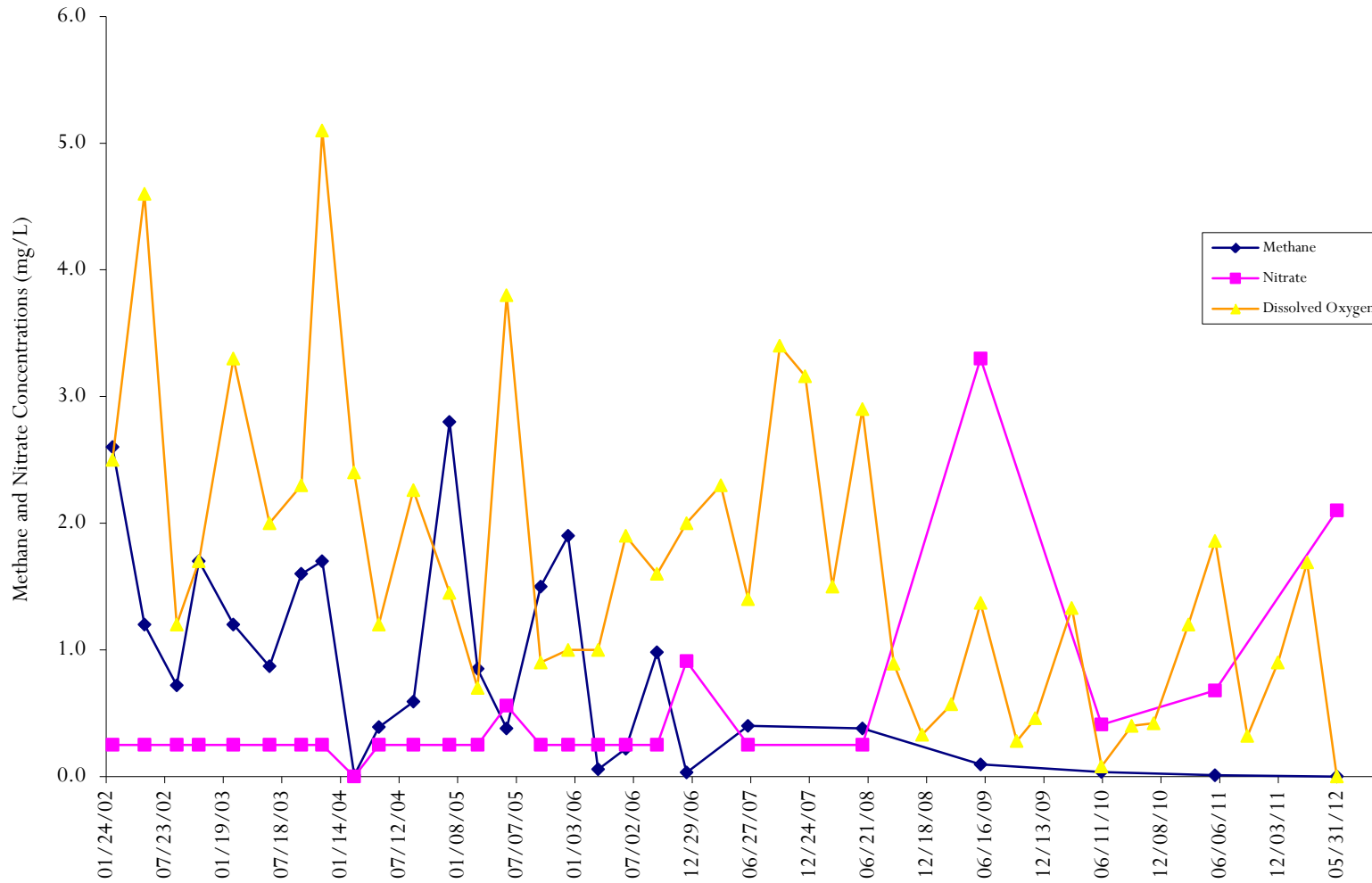
GRAPH F
FERROUS IRON & SULFATE vs. TIME
WELL MW-3
Kinder Morgan Liquids Terminals
Harbor Island Terminal, Seattle, WA



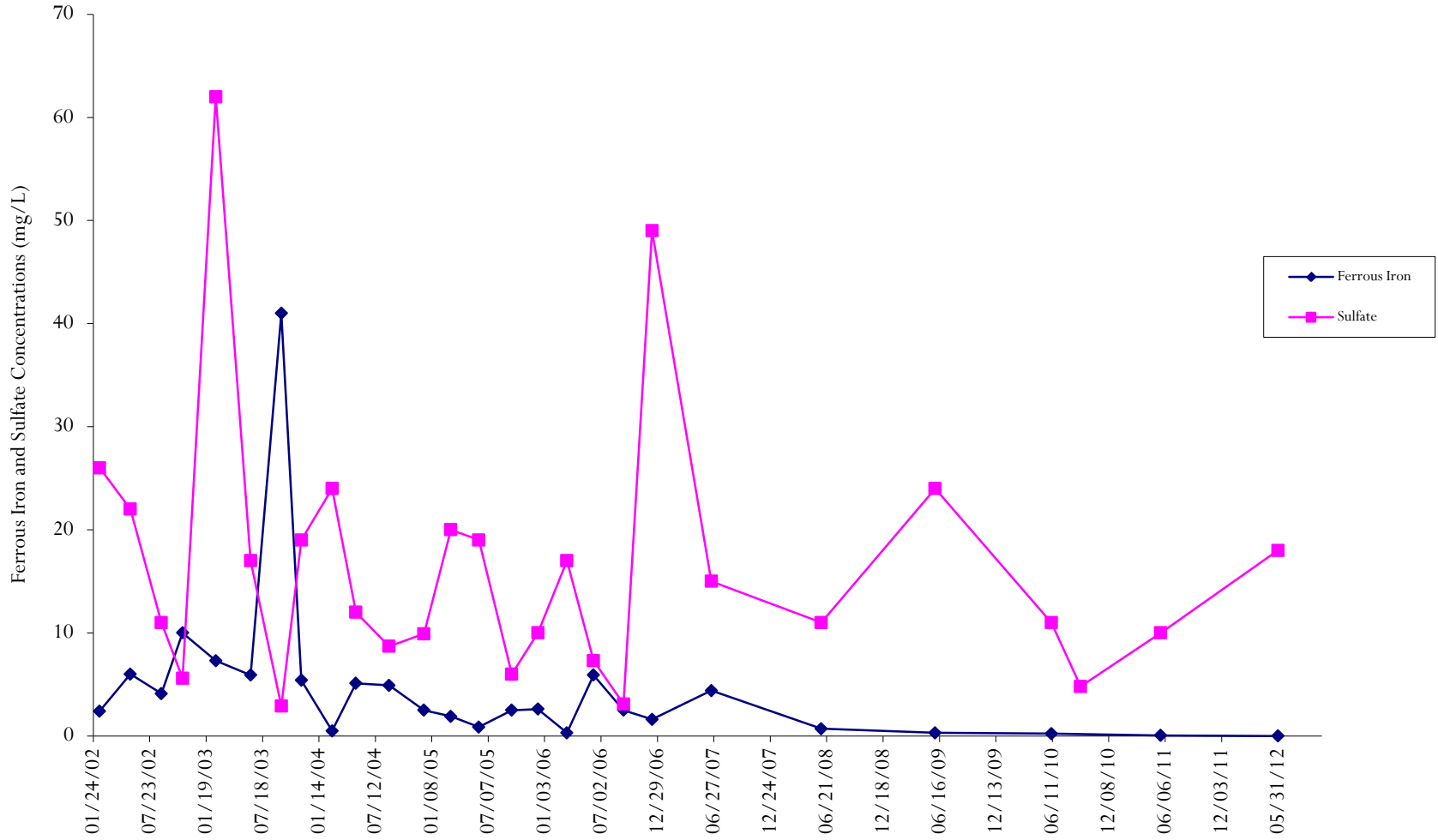
GRAPH G
HYDROCARBON CONCENTRATIONS vs. TIME
WELL MW-6
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



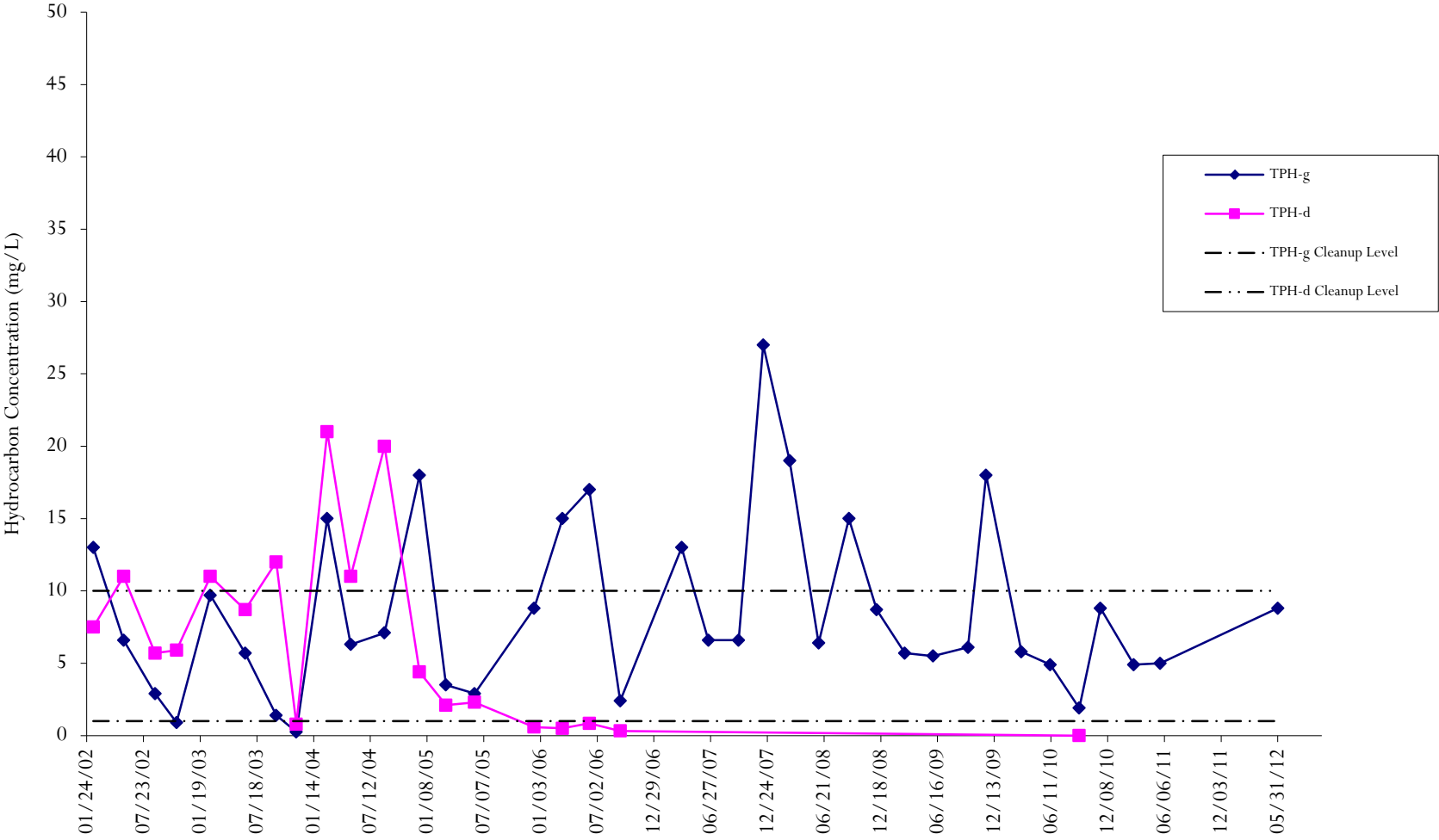
GRAPH H
METHANE, NITRATE & DISSOLVED OXYGEN vs. TIME
WELL MW-6
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



GRAPH I
FERROUS IRON & SULFATE vs. TIME
WELL MW-6
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA

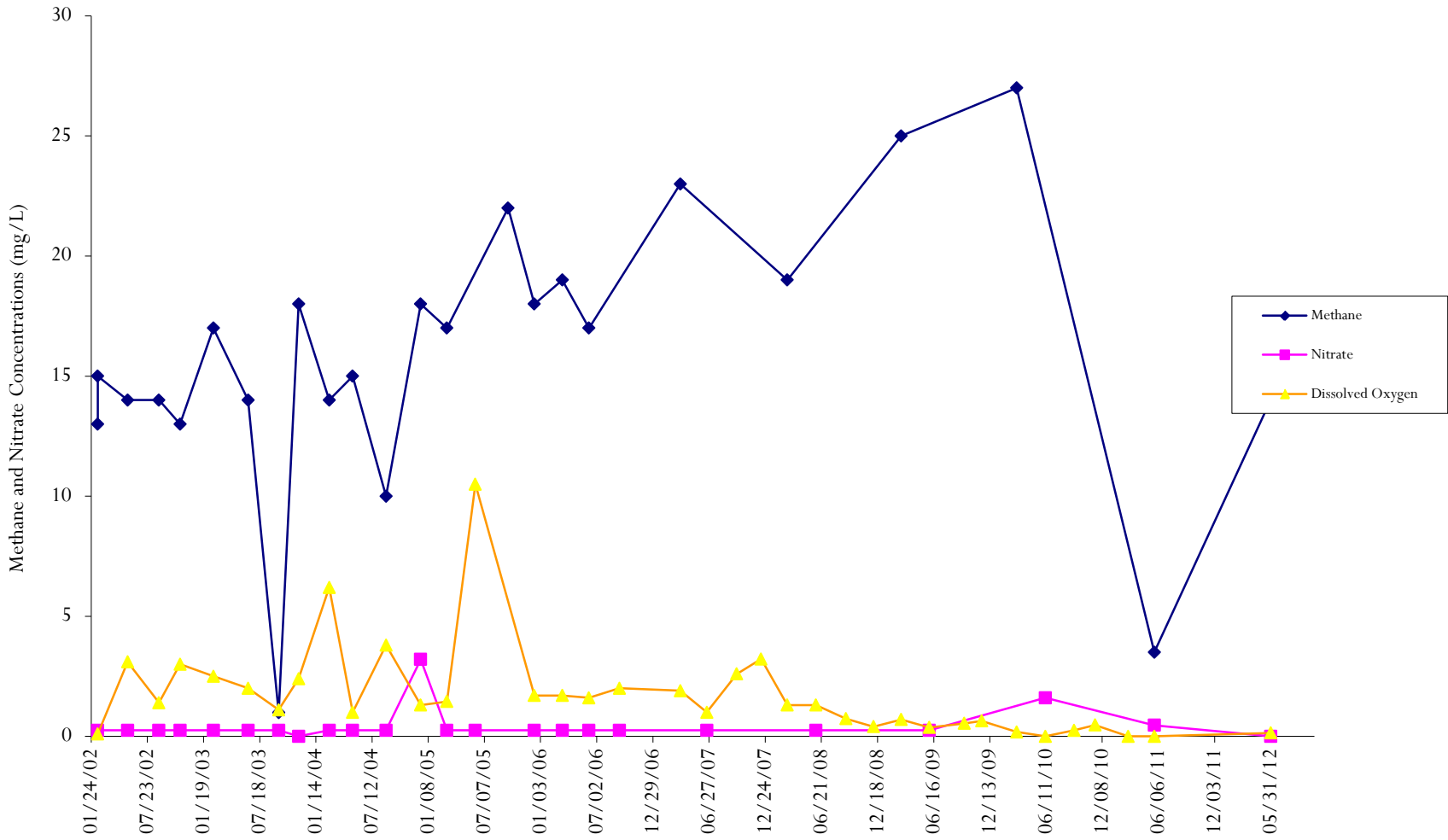


GRAPH J
HYDROCARBON CONCENTRATIONS vs. TIME
WELL MW-7
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA

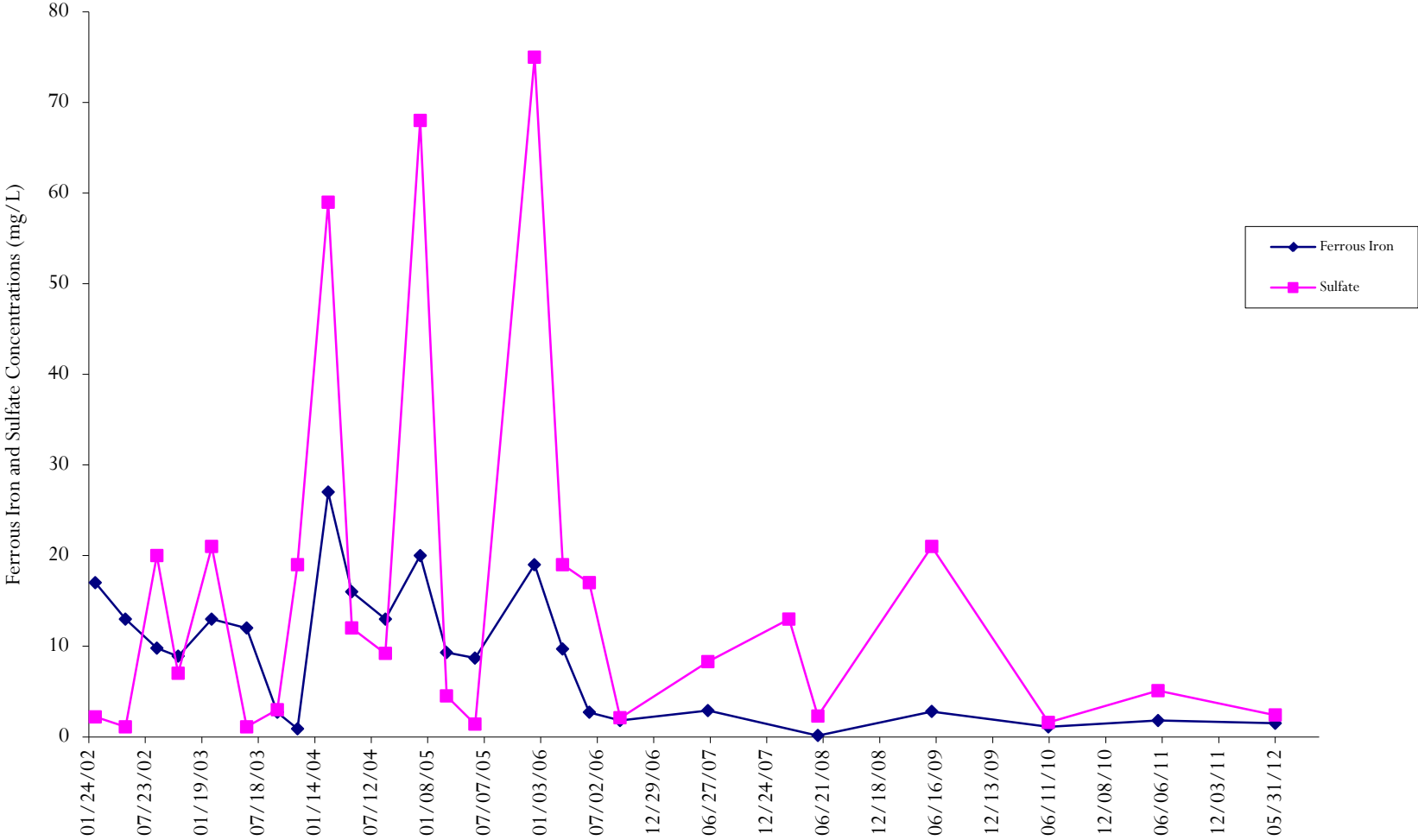


**GRAPH K
METHANE, NITRATE & DISSOLVED OXYGEN vs. TIME
WELL MW-7**

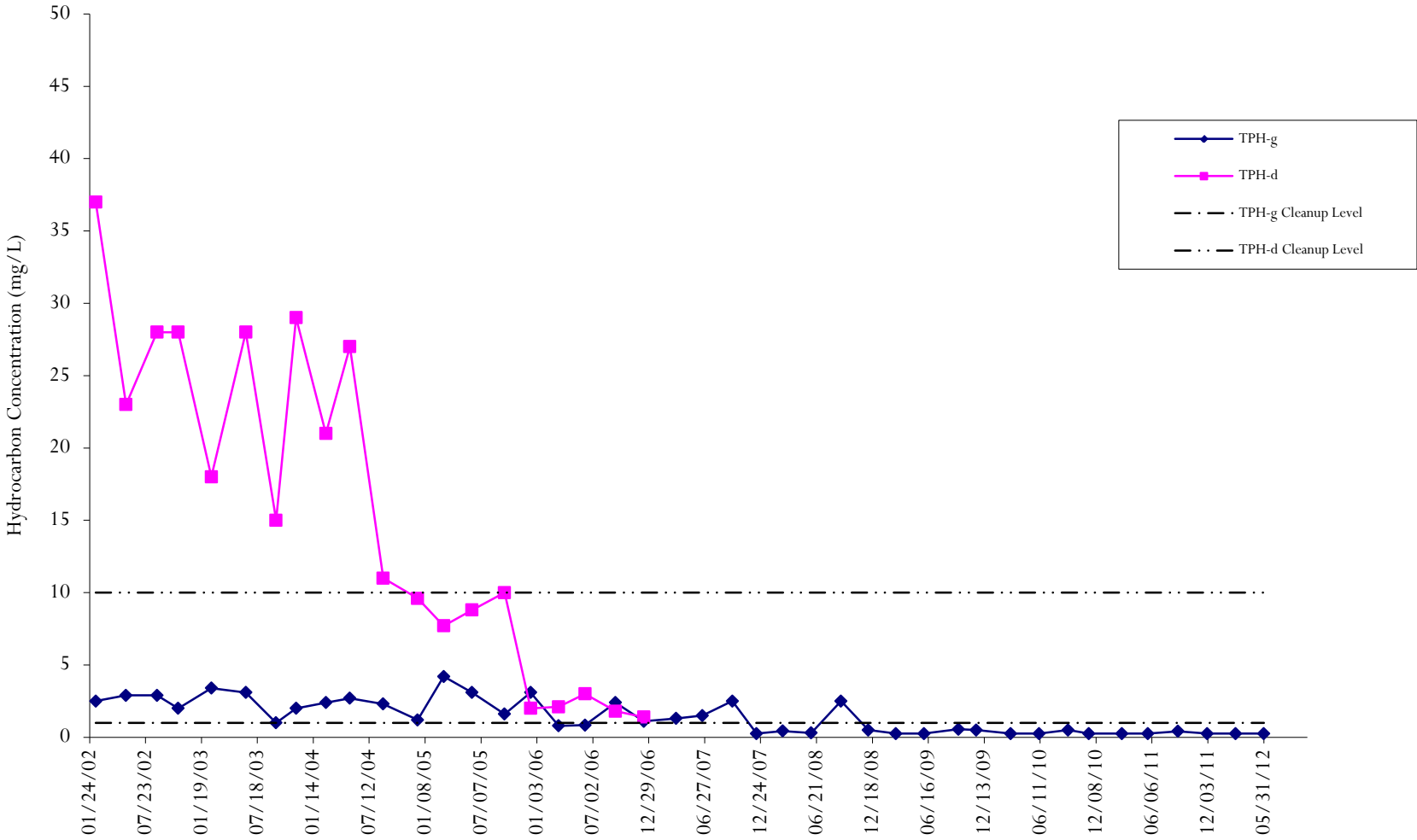
Kinder Morgan Liquids Terminals
Harbor Island Terminal, Seattle, WA



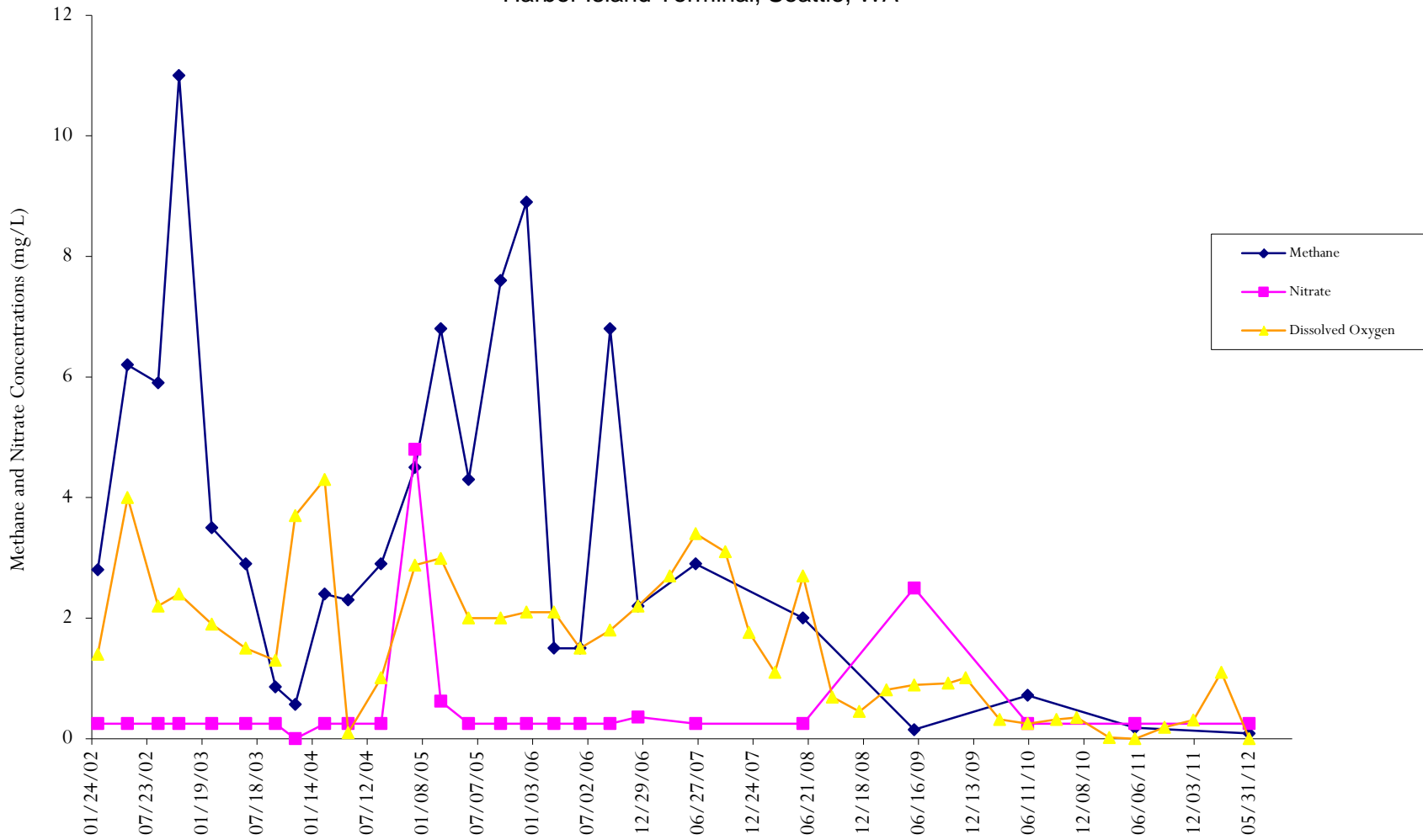
GRAPH L
FERROUS IRON & SULFATE vs. TIME
WELL MW-7
Kinder Morgan Liquids Terminals
Harbor Island Terminal, Seattle, WA



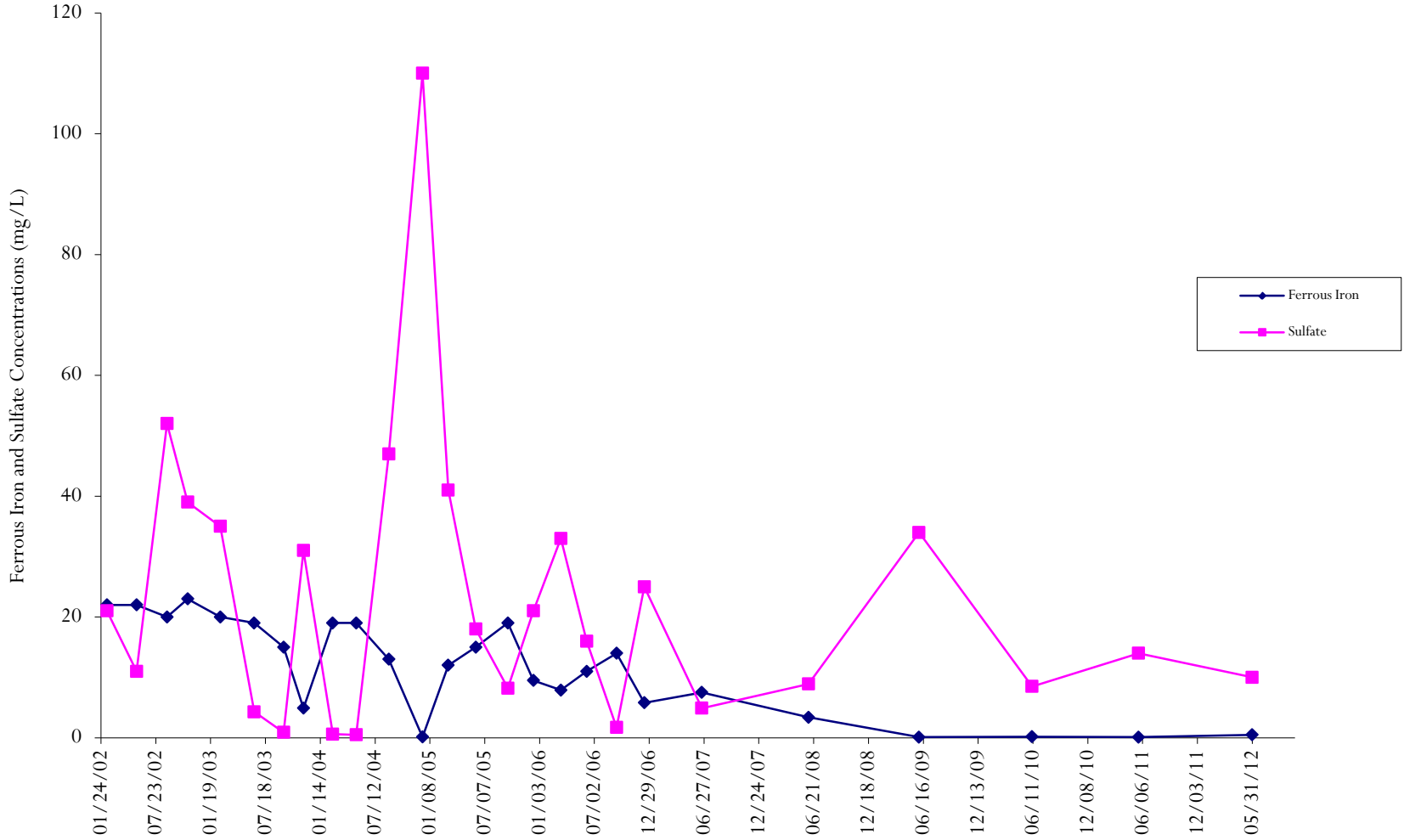
GRAPH M
HYDROCARBON CONCENTRATIONS vs. TIME
WELL MW-14
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



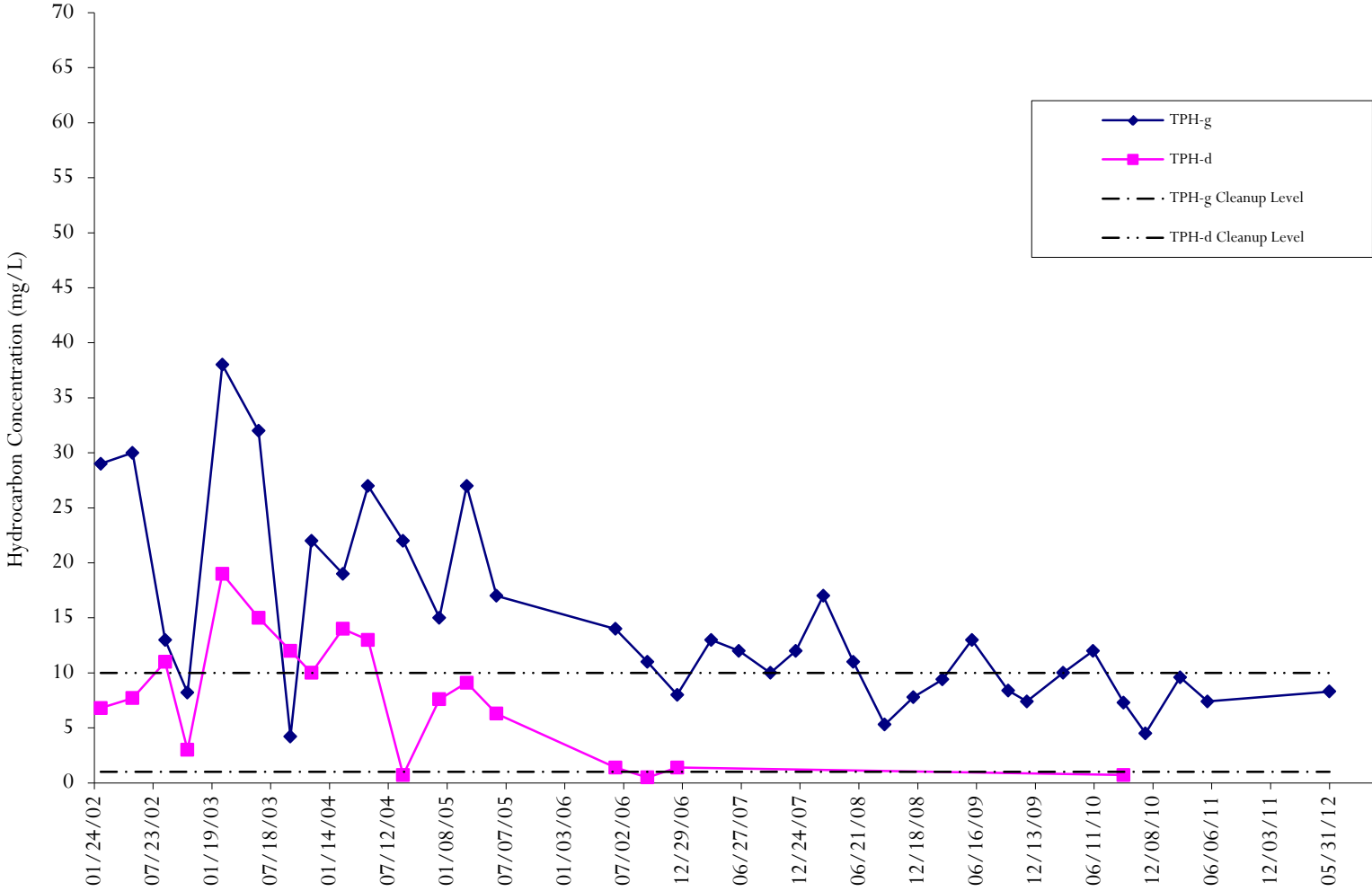
GRAPH N
METHANE, NITRATE & DISSOLVED OXYGEN vs. TIME
WELL MW-14
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



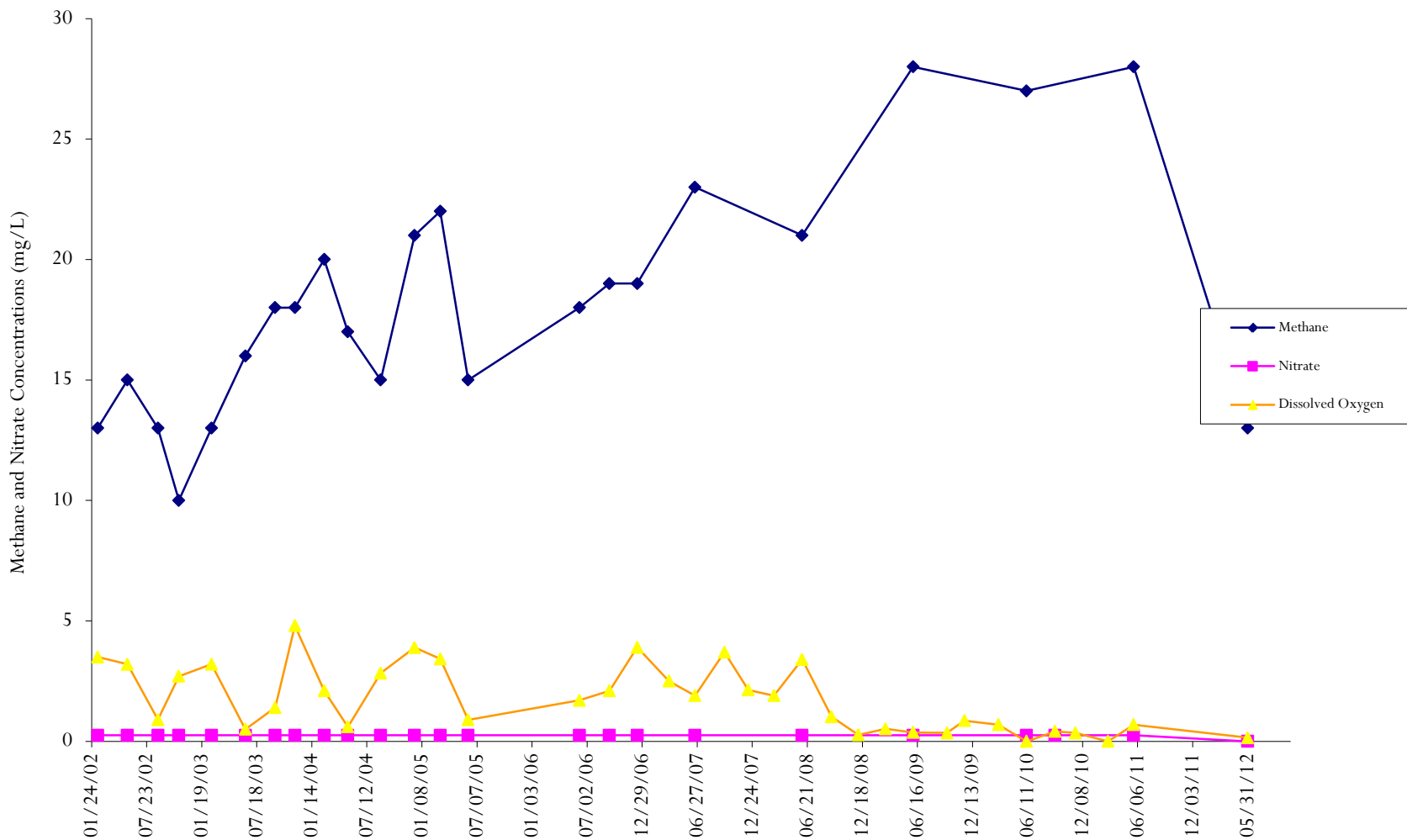
GRAPH O
FERROUS IRON & SULFATE vs. TIME
WELL MW-14
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



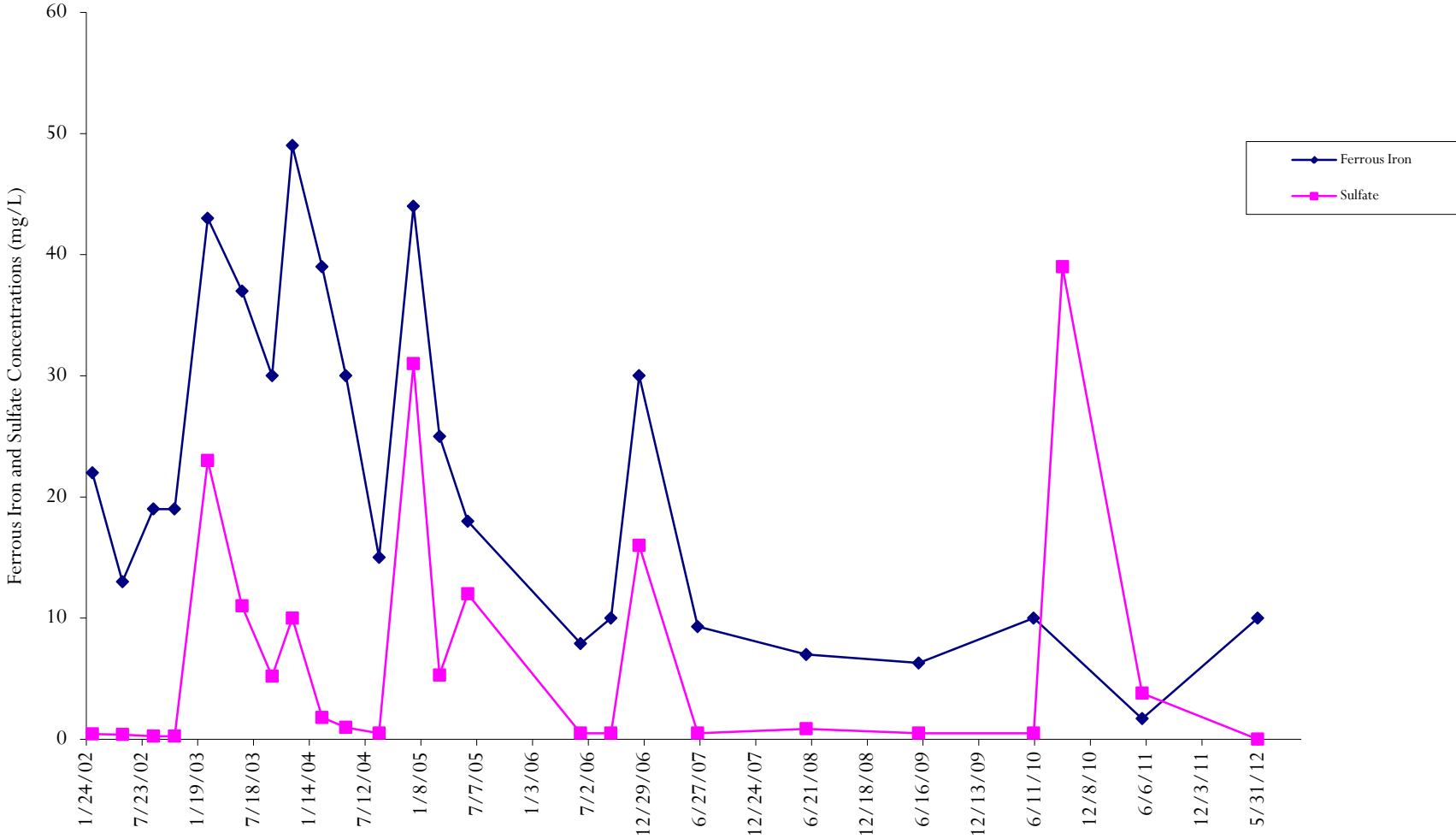
GRAPH P
HYDROCARBON CONCENTRATIONS vs. TIME
WELL MW-19
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



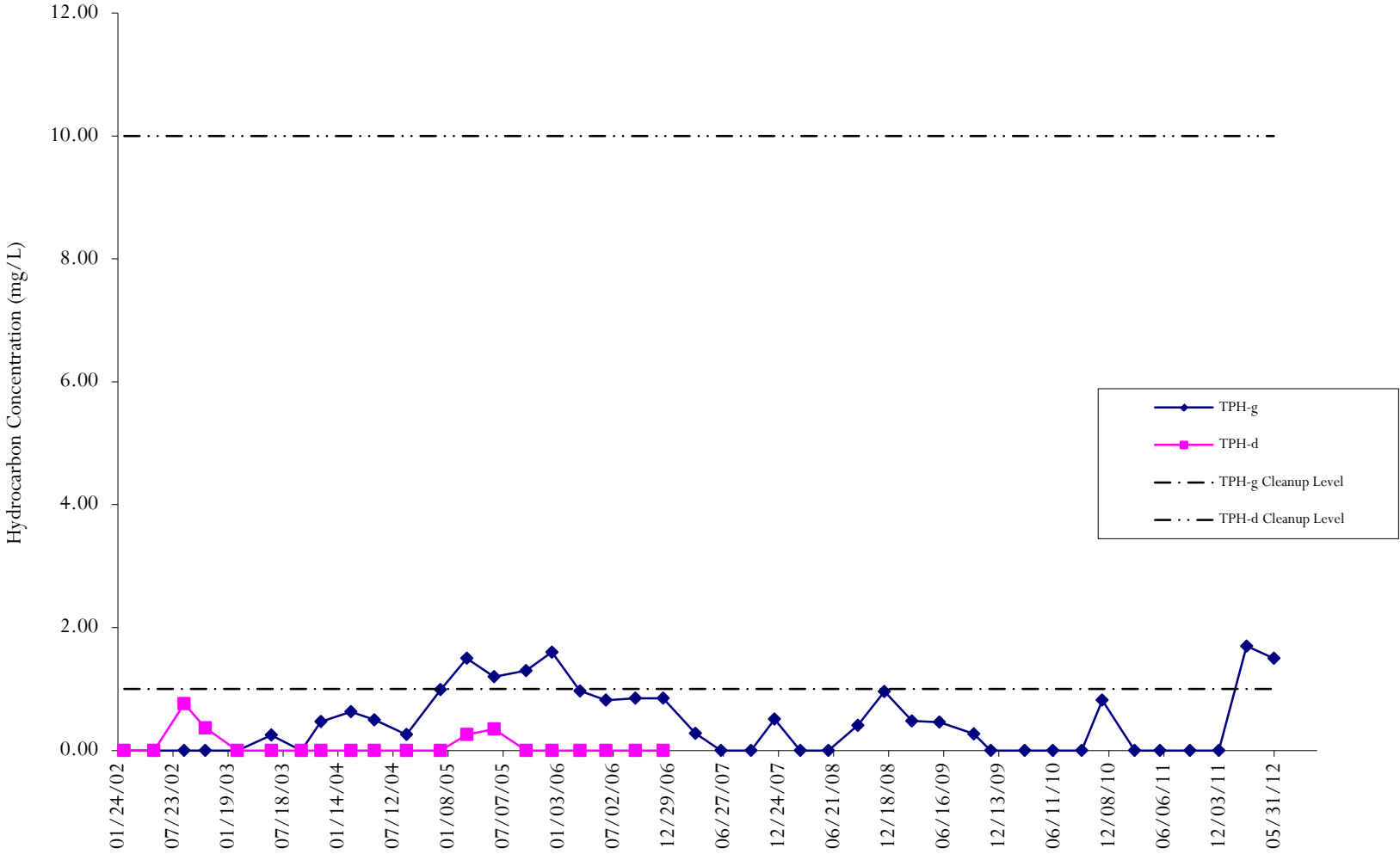
GRAPH Q
METHANE, NITRATE & DISSOLVED OXYGEN vs. TIME
WELL MW-19
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



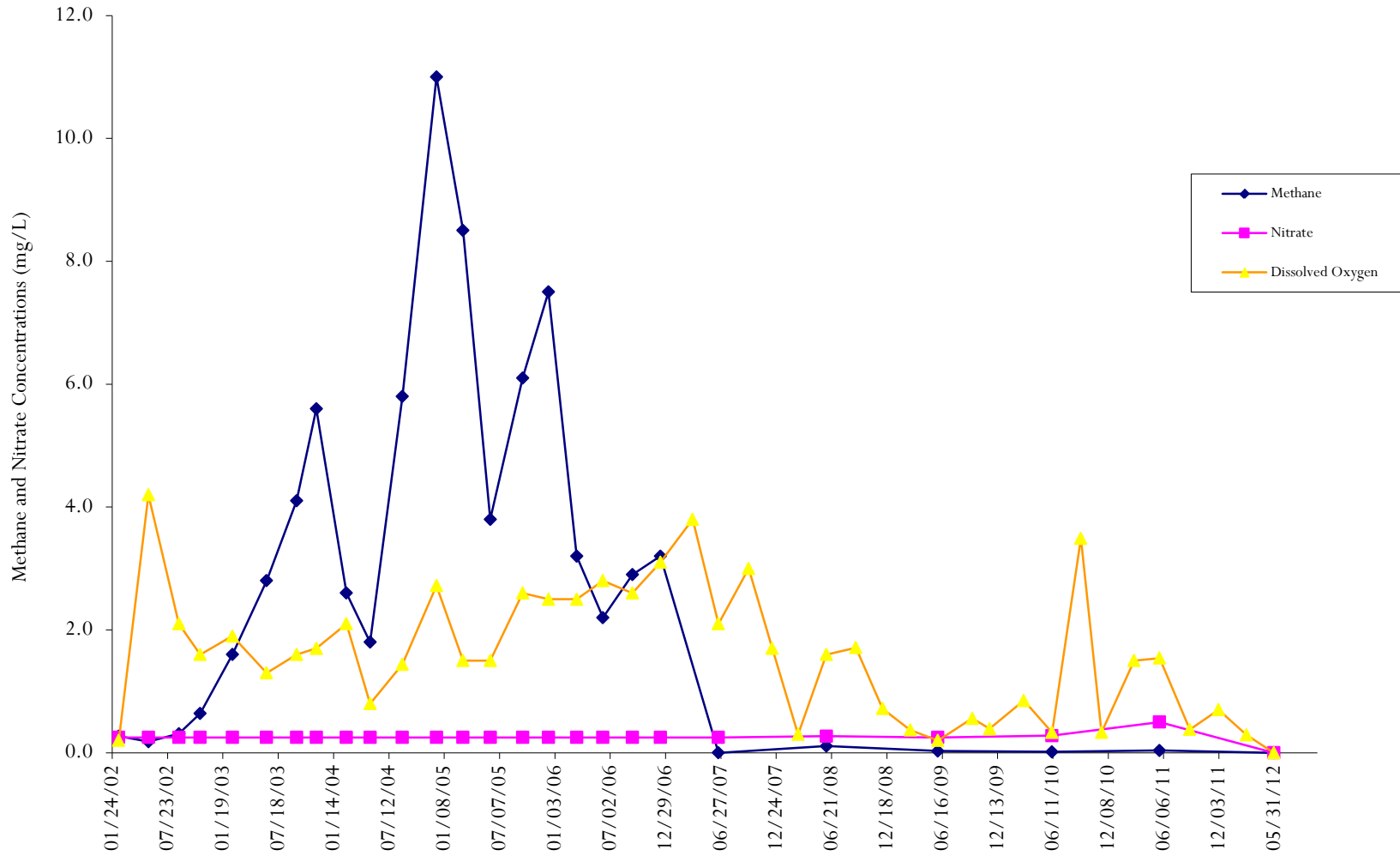
GRAPH R
FERROUS IRON & SULFATE vs. TIME
WELL MW-19
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



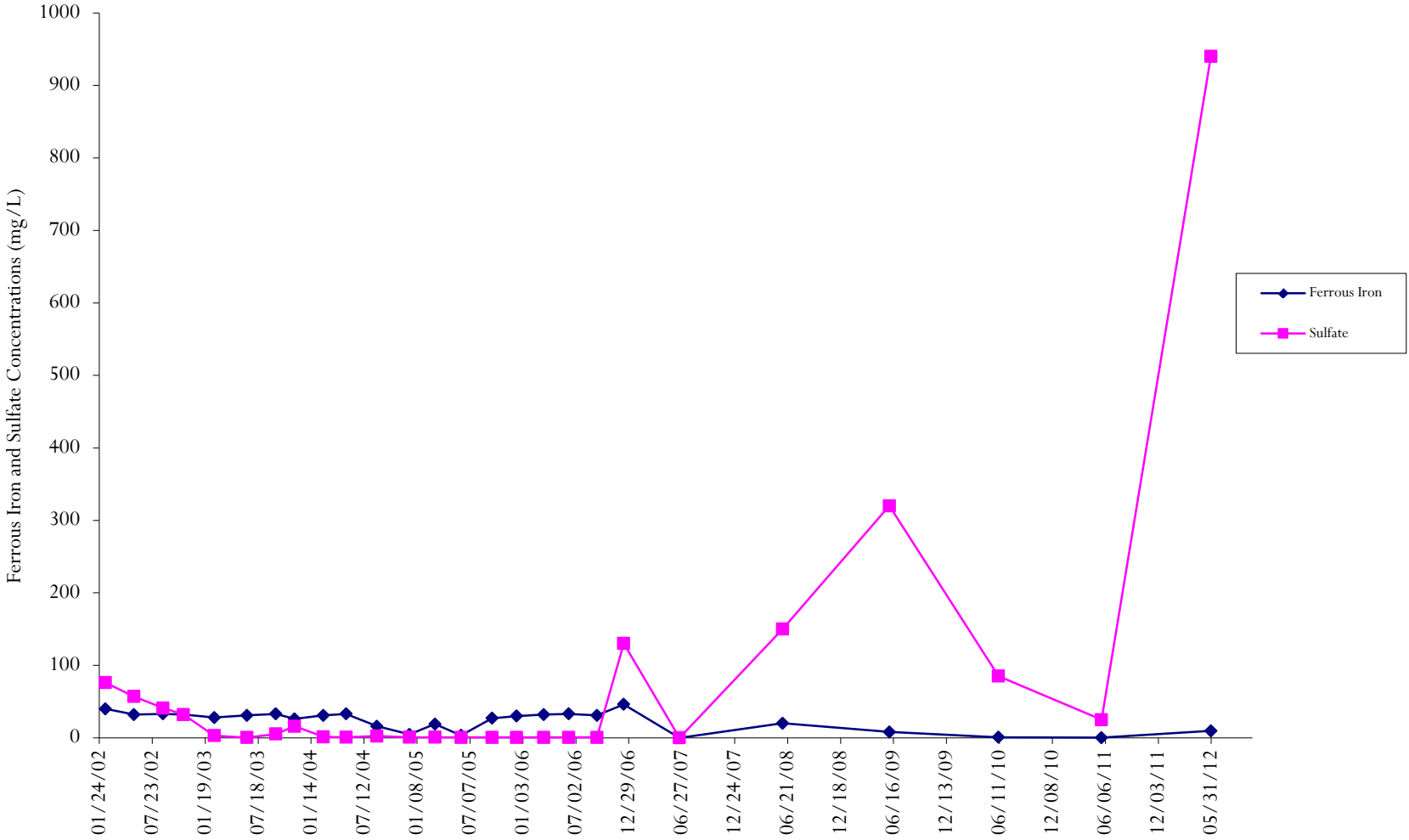
GRAPH S
HYDROCARBON CONCENTRATIONS vs. TIME
WELL A-21
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



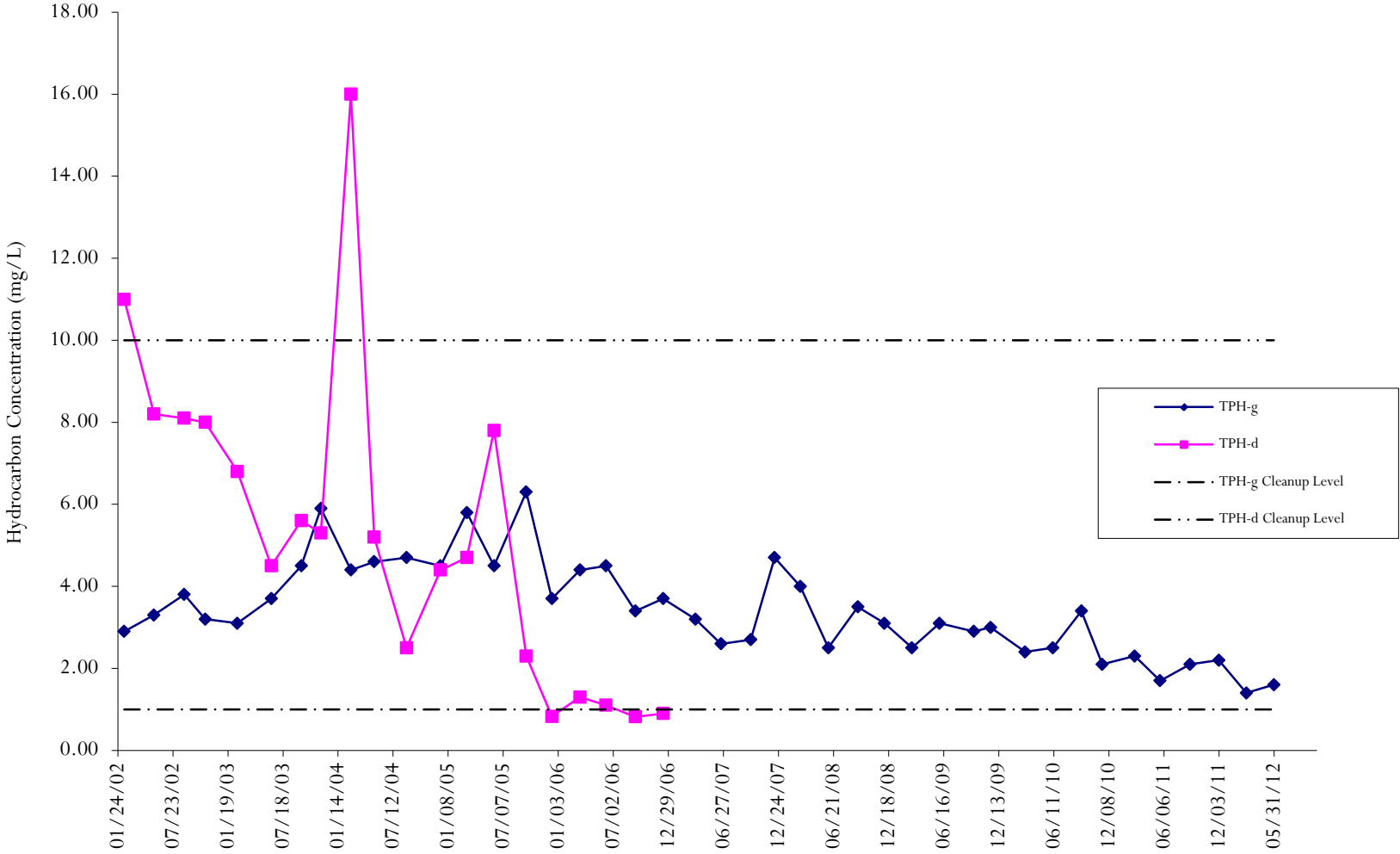
GRAPH T
METHANE, NITRATE & DISSOLVED OXYGEN vs. TIME
WELL A-21
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



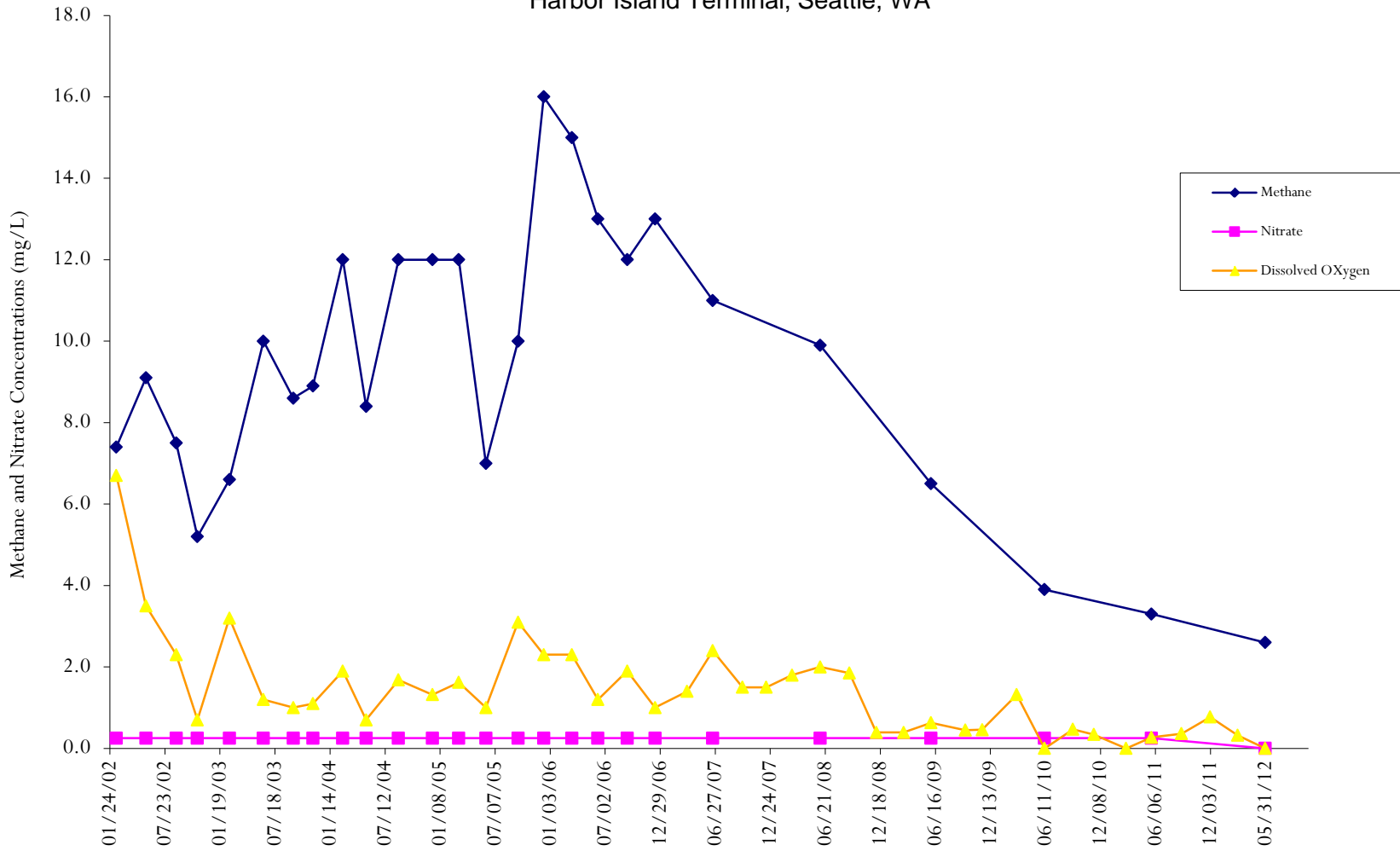
GRAPH U
FERROUS IRON & SULFATE vs. TIME
WELL A-21
Kinder Morgan Liquids Terminals
Harbor Island Terminal, Seattle, WA



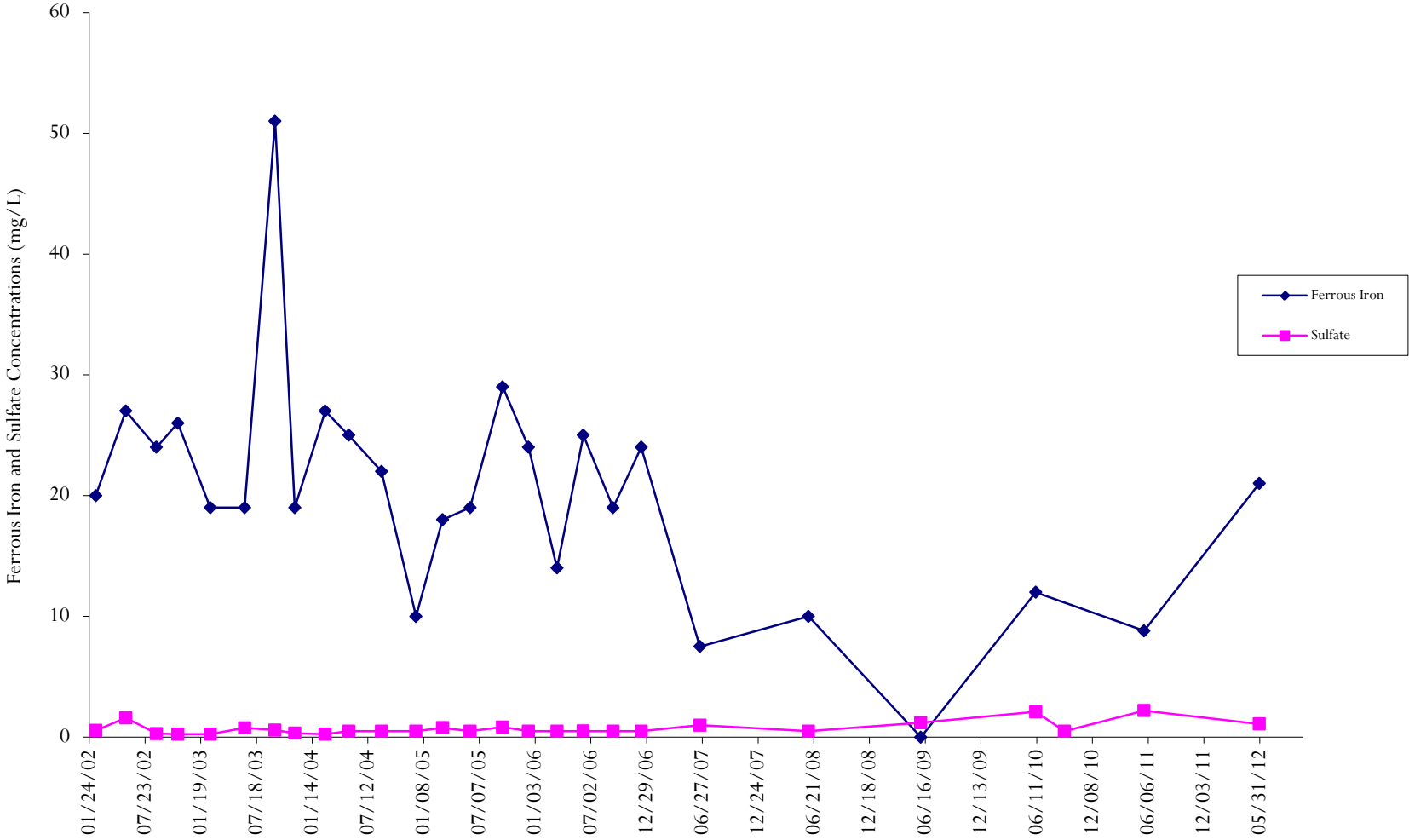
GRAPH V
HYDROCARBON CONCENTRATIONS vs. TIME
WELL A-27
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



GRAPH W
METHANE, NITRATE & DISSOLVED OXYGEN vs. TIME
WELL A-27
 Kinder Morgan Liquids Terminals
 Harbor Island Terminal, Seattle, WA



GRAPH X
FERROUS IRON & SULFATE vs. TIME
WELL A-27
Kinder Morgan Liquids Terminals
Harbor Island Terminal, Seattle, WA



Appendix A

Resource Protection Well Report, MW-13R Abandonment

RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

CURRENT

Notice of Intent No. AE17264

Construction/Decommission

Construction
 Decommission ORIGINAL INSTALLATION Notice
of Intent Number _____

Type of Well

Resource Protection
 Geotechnical Soil Boring

Consulting Firm Antea

Property Owner Kinder Morgan Terminal

Site Address 2720 13th Ave SW

City Seattle County King

Unique Ecology Well ID _____
Tag No. _____

Location 1/4 NW 1/4 SW Sec 7 Twn 24N R 4E or EWM
WWM

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards

Lat/Long (s,t,r) Lat Deg n/a Lat Min/Sec n/a

still Required) Long Deg n/a Long Min/Sec n/a

Materials used and the information reported above are true to my best knowledge and belief

Tax Parcel No. _____

Driller Trainee Name (Print) Curtis Askew

Driller/Trainee Signature x

Cased or Uncased Diameter CIP 2" well Static Level 7'

Driller/Trainee License No. 2867

Work/Decommission Start Date 5-1-12

If trainee, licesned drillers' _____

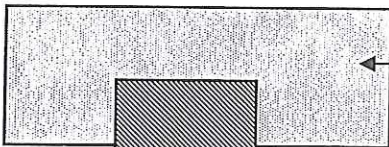
Work/Decommission Completed Date 5-1-12

Signature and License No. _____

Construction/Design

W12-257

Formation Description



CONCRETE SURFACE SEAL

0 - 15 FT

2 FT

CIP 2" well

BACKFILL

13 FT

0 FT

Red Chips

REQUIRED INFORMATION

(Must get one or both if available)

DEPT OF ECOLOGY WELL TAG #: _____

CLIENT WELL ID #: MW-13R

DEPTH OF BORING 15 FT

Appendix B

Field Sampling Sheets

DATE 5-30-12

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	6.88		4"				sock
A-5	7.67	18.46	4"				
A-6	6.58		4"				sock
A-8	7.87	25.60	4"				
A-10	6.72	25.20	4"				
A-11	7.42		4"				
A-12	6.35		4"				
A-14R	7.44	14.88	2"				
A-16	7.67		4"				sock, odors
A-18	7.75		4"				
A-19	7.75		4"				
A-20	7.30		4"				
A-21	7.37	14.50	4"				
A-22R	7.48		4"				
A-23R	8.83	16.20	2"				
A-25	7.30		2"				
A-26R	7.55		2"				
A-27	10.47	17.90	4"				odors
A-28R	8.04	14.25	2"				odors
12	1.63		4"				sock, odors, globbules? No measurable SPH.
MW-1	5.55	13.05	4"				
MW-2	6.97	12.59	4"				
MW-3	2.93	13.30	4"				
MW-4	6.33	15.18	4"				
MW-5	2.73	13.40	4"				
MW-6	6.91	12.75	4"				

DATE _____

2

MONITORING WELL ELEVATION DATA
KINDER MORGAN - HARBOR ISLAND TERMINAL

Well Number	Depth To Groundwater (TOC)	Total Depth (feet)	Well Diameter (inches)	Depth to SPH	SPH Thickness (feet)	SPH Last Test (feet)	Comments
MW-7	2.82	12.82	4"				SOCK
MW-8	3.27	10.30	4"				Casing bent
MW-9	2.66	11.20	4"				
MW-12R	7.30	14.45	2"				
MW-13R		14.10	2"				Abandoned.
MW-14	3.09	13.44	4"				
MW-16	6.71	13.84	2"				
MW-18	6.75	13.65	2"				
MW-19	2.79	12.90	2"				
MW-20	2.89	12.90	2"				
MW-21	2.86	12.80	2"				SOCK
MW-22	7.92	13.90	2"				
MW-23	7.29	14.60	4"				SOCK, odor
MW-24	7.41	14.70	4"				SOCK, odor
SH-02R	5.32	14.98	2"				
SH-05R	6.91	15.03	2"				
MW-07R	6.12	14.90	2"				

Mw-25 7.12

4"

GROUNDWATER SAMPLING FIELD SHEET

ANTEA PROJECT NUMBER:	KMHI	CLIENT:	Kinder Morgan
SITE No./JOB No.:	Harbor Island, Seattle, WA	PAGE:	1 of 5
SITE ADDRESS/LOCATION:		DATE:	5-30-12
FIELD TECHNICIAN(S):	M. MacDonald /D. Rowlands	WEATHER:	Cloudy 55°

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

Well ID	Time	TEMP (°C)	COND (ms/cm)	TDS (g/L)	DO (mg/L)	pH	ORP (mV)	Turbidity	Comments
A-23R	11:50	11.8	14.8	9	0.00	6.85	-101	29.3	8-13
	11:53	11.8	14.8	9	0.00	6.84	-101	29.8	
	11:56	11.8	14.8	9	0.00	6.84	-101	32.7	
	12:00	11.7	14.8	9	0.00	6.84	-101	33.5	
A-27	1:27	13.8	0.440	0.29	0.21	6.49	-65	13.0	
	1:30	13.8	0.416	0.28	0.00	6.44	-65	13.2	
	1:35	13.8	0.404	0.28	0.00	6.42	-64	12.9	
	1:40	13.8	0.403	0.26	0.00	6.37	-64	13.4	
A-28R	2:10	13.8	0.693	0.44	0.00	6.05	-72	14.0	
	2:13	13.8	0.699	0.44	0.00	6.08	-74	12.2	
	2:15	13.8	0.698	0.45	0.00	6.11	-76	15.0	
	2:20	13.7	0.700	0.45	0.00	6.12	-77	13.9	
MW-24	2:30	13.9	0.94	0.6	0.00	6.25	-74	13.1	
	2:35	13.9	0.95	0.6	0.00	6.25	-75	13.4	
	2:40	13.8	0.96	0.6	0.00	6.25	-75	12.9	
MW-23	2:50	15.0	1.22	0.8	0.00	6.33	-95	17.8	
	2:55	14.9	1.42	0.9	0.00	6.36	-98	19.4	
	3:00	14.9	1.38	0.9	0.00	6.39	-101	19.5	
A-21	15:10	12.9	28	17	0.08	6.60	-89	14.6	
	15:13	12.9	27	17	0.08	6.70	-90	28.0	
	15:16	12.8	28	17	0.00	6.75	-92	12.3	
	15:19								
MW-21	8:48	14.5	0.283	0.19	1.71	7.03	42	52.7	
	8:52	14.5	0.268	0.18	0.00	6.71	46	39.8	9:00
	8:56	14.5	0.242	0.17	0.00	6.38	46	43.9	
	9:00	14.5	0.241	0.16	0.00	6.41	39	39	

System Instructions:	Remedial System On-Site (Y/N)?	Comments:
	Operational Upon Arrival (Y/N)?	Comments:
	Shut Down System 1 / 24 hours before Gauging (Y/N)? <i>NF</i>	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:** 1
 Transported off-site for treatment **Facility/Location:** D-Yard
 (Attach Bill of Lading) **Hauler:**

Instrument Calibration: *From Fishhead - Calibrated* Note: Use DO Meter and YSI for Field Measurements.

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

MW-7, 12 → Replace socks + caps.

GROUNDWATER SAMPLING FIELD SHEET

ANTEA PROJECT NUMBER:	KMHI	CLIENT:	Kinder Morgan
SITE No./JOB No.:	Harbor Island, Seattle, WA	PAGE:	2 of 5
SITE ADDRESS/LOCATION:		DATE:	5-31-12
FIELD TECHNICIAN(S):	M. MacDonald /D. Rowlands	WEATHER:	Rain

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

Well ID	Time	TEMP (°C)	COND (ms/cm)	TDS (g/L)	DO (mg/L)	pH	ORP (mV)	Turbidity	Comments
MW-8	905	15.8	0.089	0.06	0.61	5.91	119	59.8	
	912	15.8	0.087	0.06	0.78	5.92	122	61.7	9:20
	915	15.8	0.087	0.06	0.79	5.92	124	59.7	
MW-9	925	11.7	0.165	0.11	0.00	5.81	113	40.9	
	936	11.7	0.165	0.11	0.00	5.81	114	45.6	9:40
	935	11.8	0.165	0.11	0.00	5.81	116	36.9	
MW-7	945	14.4	0.212	0.14	0.00	6.06	-69	29.5	
	950	14.4	0.211	0.14	0.00	6.07	-71	32.1	10:00
	955	14.4	0.214	0.14	0.00	6.08	-71	32.1	
MW-19	10:20	14.1	0.234	0.15	0.00	6.23	-76	29.1	
	10:25	14.1	0.235	0.15	0.00	6.22	-77	31.7	10:40
	10:30	14.1	0.235	0.15	0.00	6.22	-78	29.5	
MW-5	1050	13.5	0.088	0.06	2.21	6.52	19	25.2	
	1055	13.5	0.087	0.06	2.31	6.46	25	21.7	11:00
	1100	13.5	0.087	0.06	2.33	6.44	30	21.9	
MW-14	1110	13.1	0.259	0.17	0.00	6.16	49	28.7	
	1115	13.1	0.259	0.17	0.00	6.15	48	39.1	11:20
	1120	13.1	0.260	0.17	0.00	6.17	48	27.6	
MW-3	1130	13.9	0.218	0.14	0.34	6.83	38	26.2	
	1135	13.9	0.218	0.14	0.34	6.84	38	26.3	11:40
	1140	13.9	0.218	0.14	0.34	6.84	38	28.4	

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

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

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

GROUNDWATER SAMPLING FIELD SHEET

ANTEA PROJECT NUMBER:	KMHI	CLIENT:	Kinder Morgan
SITE No./JOB No.:	Harbor Island, Seattle, WA	PAGE:	3 of 5
SITE ADDRESS/LOCATION:		DATE:	5-31-12
FIELD TECHNICIAN(S):	M. MacDonald /D. Rowlands	WEATHER:	Cloudy

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

Well ID	Time	TEMP (°C)	COND (ms/cm)	TDS (g/L)	DO (mg/L)	pH	ORP (mV)	Turbidity	Comments
MW-30		13.4	0.312	0.21	0.00	6.56	-120	23.5	12:00
		13.4	0.316	0.21	0.00	6.56	-123	21.9	
		13.4	0.321	0.21	0.00	6.55	-124	23.4	
MW-6	1308	12.7	0.400	0.26	0.00	5.73	68	15.4	
	1315	12.8	0.400	0.26	0.00	5.71	72	14.8	13:20
	1522	12.8	0.400	0.26	0.00	5.70	73	14.2	
MW-22	1328	14.3	0.391	0.25	0.00	6.09	31	16.6	
	1333	14.3	0.391	0.25	0.00	6.13	29	16.1	1340
	1340	14.3	0.391	0.25	0.00	6.16	26	16.2	
MW-2	1345	12.4	0.119	0.08	1.53	6.65	64	30.6	
	1350	12.5	0.116	0.08	1.82	6.60	72	27.4	14:00
	1355	12.5	0.116	0.08	1.83	6.59	76	24.0	
MW-18	1410	13.0	0.310	0.20	0.38	6.75	-123	21.9	
	1415	13.0	0.310	0.20	0.00	6.79	-125	33.5	1420
	1420	13.0	0.311	0.20	0.00	6.82	-127	27.7	
MW-16	1430	13.5	0.563	0.36	0.00	6.61	1	38.9	
	1433	13.5	0.567	0.36	0.00	6.58	10	12.6	
	1436	13.5	0.569	0.36	0.02	6.53	20	34.0	
	1439	13.5	0.568	0.36	0.02	6.50	28	20.9	
MW-07R	9:10	15.9	0.082	0.05	1.20	6.33	151	40.6	9:20
	9:17	15.5	0.083	0.05	1.13	6.29	158	40.3	
	9:16	15.9	0.083	0.05	1.08	6.26	151	39.6	
	9:19	15.9	0.083	0.05	1.03	6.23	152	45.6	

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

Purge Water Disposal Method:	<input type="checkbox"/> Treated through Mobile Carbon System <input checked="" type="checkbox"/> Placed in drums on site <input type="checkbox"/> Transported off-site for treatment (Attach Bill of Lading)	No. of drums: 1 Facility/Location: D Yard Hauler:
------------------------------	---	---

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

GROUNDWATER SAMPLING FIELD SHEET

ANTEA PROJECT NUMBER:	KMHI	CLIENT:	Kinder Morgan
SITE No./JOB No.:	Harbor Island, Seattle, WA	PAGE:	4 of 5
SITE ADDRESS/LOCATION:		DATE:	6-1-12
FIELD TECHNICIAN(S):	M. MacDonald /D. Rowlands	WEATHER:	Cloudy

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

Well ID	Time	TEMP (°C)	COND (ms/cm)	TDS (g/L)	DO (mg/L)	pH	ORP (mv)	Turbidity	Comments	Time Sampled.
MW-12P	9:30	13.6	0.672	0.43	0.00	6.64	-77	15.3		9:40
	9:33	13.6	0.675	0.43	0.00	6.66	-79	17.4		
	9:36	13.6	0.667	0.43	0.00	6.69	-82	17.4		
	9:39	13.5	0.664	0.43	0.00	6.70	-82	17.8		
MW-4	9:50	16.9	0.559	0.36	0.00	6.71	-85	25.2		10:00
	9:53	16.5	0.561	0.36	0.00	6.74	-87	25.0		
	9:56	16.6	0.562	0.36	0.00	6.76	-87	25.7		
	9:59	16.6	0.562	0.36	0.00	6.77	-87	26.2		
SH-02P	10:10	19.4	0.239	0.15	0.00	6.70	-68	99.2		10:20
	10:13	19.4	0.238	0.15	0.00	6.69	-70	94.0		
	10:16	19.4	0.238	0.15	0.00	6.69	-72	128		
	10:19	19.4	0.238	0.15	0.00	6.70	-73	81.8		
MW-1	10:30	13.0	0.426	0.28	0.00	6.31	-14	99.0		10:40
	10:33	13.0	0.428	0.28	0.00	6.30	-14	78.4		
	10:36	13.0	0.429	0.28	0.00	6.29	-13	74.5		
	10:39	13.0	0.436	0.28	0.00	6.27	-13	74.6		
A-14R	10:50	15.5	1.55	1.0	0.00	7.16	-87	26.8		11:05
	10:53	15.6	1.56	1.0	0.00	7.16	-87	22.6		
	10:56	15.6	1.56	1.0	0.00	7.17	-87	22.6		
	10:59	15.6	1.56	1.0	0.00	7.18	-86	22.6		
A-10	11:16	16.1	0.757	0.48	0.00	5.96	1	28.4		11:20
	11:13	16.1	0.745	0.48	0.00	5.96	1	25.5		
	11:16	16.1	0.744	0.47	0.00	5.95	0	24.8		
	11:19	16.1	0.742	0.48	0.00	5.94	0	36.7		
MW-25	11:28	16.0	1.32	0.8	0.00	6.74	-98	30.2		11:40
	11:30	15.9	1.33	0.8	0.00	6.76	-100	32.3		
	11:33	16.0	1.33	0.9	0.00	6.76	-101	29.4		
	11:37	16.0	1.33	0.9	0.00	6.76	-102	27.3		

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

Purge Water Disposal Method:	<input type="checkbox"/> Treated through Mobile Carbon System <input checked="" type="checkbox"/> Placed in drums on site <input type="checkbox"/> Transported off-site for treatment (Attach Bill of Lading)	No. of drums: 1 Facility/Location: D-Yard Hauler:
-------------------------------------	---	---

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

Safe Behavior Observation Form – Soil and Groundwater Remediation	
Project Name: <i>Kinder Morgan-Harbor Is.</i>	Observer: <i>Megan MacDonald</i> Date:
Entity/Group being observed: <i>Dan Rowlands</i>	
Task/Activity being observed: <i>Groundwater Sampling - Moving Vehicle.</i>	
<ul style="list-style-type: none"> ❖ Identify and reinforce safe work practices/behaviors ❖ Identify and improve on at-risk practices/acts ❖ Identify and improve on practices, conditions, and controls that could eliminate or reduce hazards ❖ Positive, corrective, cooperative, collaborative feedback/recommendations 	
Actions/Behaviors to Consider (Check those that apply)	Observations/Comments
Current & Accurate Pre-Task Planning/Briefing <ul style="list-style-type: none"> • JHAs ✓ • Safe Work Permit ✓ • Project H&S Plan ✓ • Tailgate briefing ✓ 	Positive Observations/Safe Work Practices: <i>HASP + TSAs reviewed.</i> <i>Permit obtained by KM LT personnel.</i> <i>Discussed SOW/emergency procedures during tailgate meeting. Traffic control plan discussed regarding 13th Ave SW groundwater monitoring wells.</i>
Personnel Properly <ul style="list-style-type: none"> • Trained ✓ • Qualified ✓ • Experienced ✓ 	
Tools/Equipment <ul style="list-style-type: none"> • Available ✓ • Adequate ✓ 	
Proper Use of Tools ✓	Observer's Corrective Actions/Comments: <i>New fish knife obtained - No FOBK's allowed.</i> <i>Cones/Barricades used for wells along 13th Ave SW.</i> <i>Tools were properly put away.</i> <i>Vehicle used to block personnel from traffic flow.</i>
Barricades/Work Zone Controls ✓	
Housekeeping ✓	
Communications ✓	
Focus/Attentiveness ✓	
Pace of Work	
Uncomfortable/Unsafe Position ✓	Observed Worker's Corrective Actions/Comments: <i>Spotter used during vehicle backing.</i>
Apparel <ul style="list-style-type: none"> • Hair • Loose clothing • Jewelry 	
Repetitive Motion	
Other	

Distribution – send completed form to KM PM and EHS Safety Representative

Billing Information:

Company Name Antea Group
 Attn: Dawnia Leona
 Address 4006 148th Ave NE
 City, State, Zip Redmond WA 98052
 Phone Number 206-854-0399 Fax 425-869-1892



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

Samples Collected From Which State?

AZ CA NV WA DOD Site
 ID OR OTHER Page #

Consultant / Client Name <u>SAME AS ABOVE</u>		Job # <u>KMHI-</u>		Job Name <u>Vinder Urgan - Harbor k.</u>		Analyses Required AWAT PH-CY DTEX MURPH-DI W SILICA Total Pb Sulfate, Sulfate Nitrate, Sulfate, Nitrate Dissolved Pb.						Data Validation Level: III or IV				
Address		Report Attention / Project Manager		Name: <u>Dawnia Leona</u>								EDD / EDF? YES <input type="checkbox"/> NO <input type="checkbox"/>				
City, State, Zip		Email: <u>Dawnia.Leona@AnteaGroup.com</u>		Phone: <u>425-496-7722</u>		Mobile: <input type="text"/>		Global ID # <input type="text"/>		REMARKS						
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**	AWAT PH-CY	DTEX	MURPH-DI W SILICA	Total Pb	Sulfate, Sulfate	Nitrate, Sulfate, Nitrate	Dissolved Pb.	REMARKS
5:30:12	12:00	AG		A-232	Standard		N	14	X	X		X	X		X	
	14:00			A-27				12	X	X		X	X			
	14:20			A-28				13	X	X		X	X			
	14:40			MW-24				13	X	X		X	X			
	15:00			MW-23				13	X	X		X	X			
↓	15:20	↓		A-21		↓	↓	13	X	X		X	X			

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: Maria Maldonado

Relinquished by: (Signature/Affiliation) <u>MM - Antea</u>	Received by: (Signature/Affiliation)	Date: <u>5-30-12</u>	Time: <u>16:10</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
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 Alpha Group
 Attn: Dawn Long
 Address 4006 USth Ave NE
 City, State, Zip Redmond WA 98052
 Phone Number 425-498-7711 Fax 425-869-1892



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

Samples Collected From Which State?

AZ CA NV WA DOD Site
 ID OR OTHER Page # 1 of 1

Consultant / Client Name		Job #		Job Name		Analyses Required				Data Validation Level: III or IV		
Sams as above		KWHI		Kaiser Marine Harbor Island		MUTPH-CX	PTX	MUTPH-DX 1st	Total pb			EDD / EDF? YES <input type="checkbox"/> NO <input type="checkbox"/>
Address		Report Attention / Project Manager		Name: Dawn Long								Global ID #
City, State, Zip		Name: Dawn Long		Email: dawnlong@alpha-group.com								
Phone: 425-498-7711		Phone: 425-498-7711		Mobile: 206-246-6999								
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**				
11:48	5/31/12	AQ			MW-3	Stand.	N	7	X	X	X	X
12:15					MW-20			6	X	X	X	
13:40					MW-22			6	X	X	X	
14:00					MW-2			7	X	X	X	
14:20					MW-18			3	X	X	X	
14:42					MW-16			6	X	X	X	

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: Walter Mac Donald

Relinquished by: (Signature/Affiliation) <u>Walter Mac Donald</u>	Received by: (Signature/Affiliation)	Date: <u>5-31-12</u>	Time: <u>16:10</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
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 Anka Group
 Attn: Dawnna Leona
 Address 4006 149th Ave NE
 City, State, Zip Edmond, WA 98052
 Phone Number 206-254-1899 Fax 206-254-1892



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

Samples Collected From Which State?

AZ CA NV WA DOD Site
 ID OR OTHER Page # 1 of 1

Consultant / Client Name		Job #		Job Name		Analyses Required							Data Validation Level: III or IV	
Address		Name: <u>Dawnna Leona</u>		Report Attention / Project Manager		BTEX	MUTPH-ENV	Nitrate-N	Nitrate-N	Total Pb	Dissolved Pb	Global ID #		
City, State, Zip		Email: <u>dawnna.leona@ankagroup.com</u>		Phone: <u>206-254-1899</u> Mobile: <u>206-954-0399</u>									EDD / EDF? YES <input type="checkbox"/> NO <input type="checkbox"/>	
Time Sampled	Date Sampled	Matrix See Key Below	P.O. #	Lab ID Number	Office (Use Only)								Sample Description	TAT
9:00	5/31/12	AQ				MW-21	Good	N	15					
9:20						MW-8			7					
9:40						MW-9			13					
10:05						MW-7			14					
10:40						MW-19			12					
11:00						MW-5			7					
11:20						MW-14			12					
13:20						MW-6			13					

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: Michele MacLennan

Relinquished by: (Signature/Affiliation) <u>MML-Anka</u>	Received by: (Signature/Affiliation)	Date: <u>5/31/12</u>	Time: <u>16:10</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air ** L-Liter V-Vol 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 Lesna
 Address 4006 146th Ave NE
 City, State, Zip Redmond WA 98052
 Phone Number 425-498-7711 Fax 425-869-1892



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

Samples Collected From Which State?

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

59379

Consultant / Client Name <u>Same as above</u>		Job # <u>KMHE</u>		Job Name <u>Kindor Morgan-Harbor Island</u>		Analyses Required <i>BIEX</i> <i>MUTAL-GV</i> <i>MUTAL-DX</i> <i>TOTAL PA</i>				Data Validation Level: III or IV			
Address		Report Attention / Project Manager Name: <u>Dawna Lesna</u>		Email: <u>dawna.lesna@antea-group.com</u>						EDD / EDF? YES <u> </u> NO <u> </u>			
City, State, Zip		Phone: <u>425-498-7711</u>		Mobile: <u>206-854-6399</u>		Global ID # <u> </u>		REMARKS					
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number <i>Office (Use Only)</i>	Sample Description	TAT	Field Filtered	# Containers**					
9:26	6-12	AQ			MW-07R	Stand.	N	7	X	X	X	X	
9:40				FOR	MW-12R			7	X	X	X	X	
10:06					MW-4			6	X	X	X	X	
10:28					SH-02R			7	X	X	X	X	
10:40				LAB	MW-1			7	X	X	X	X	
11:05					A-14R			7	X	X	X	X	
11:20					A-10			6	X	X	X	X	
11:46				USE	MW-25			6	X	X	X	X	
12:00					A-8			6	X	X	X	X	
12:20					A-5			6	X	X	X	X	
				ONLY	DUP			MIN	X	X	X	X	

ADDITIONAL INSTRUCTIONS:

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

Relinquished by: (Signature/Affiliation) <u>MJM - Antea</u>	Received by: (Signature/Affiliation)	Date: <u>6-12</u>	Time: <u>13:30</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
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

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Appendix C

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
Date Received : 05/31/12

Job: KMHI/Kinder Morgan- Harbor Island

Anions by IC
EPA Method 300.0

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: A-23R				
Lab ID : ALS12053106-01A Nitrate (NO3) - N	ND	0.25 mg/L	05/31/12 10:33	05/31/12 16:31
Date Sampled 05/30/12 12:00 Sulfate (SO4)	470	75 mg/L	05/31/12 10:33	05/31/12 16:31
Client ID: A-27				
Lab ID : ALS12053106-02A Nitrate (NO3) - N	ND	0.25 mg/L	05/31/12 10:33	05/31/12 16:49
Date Sampled 05/30/12 14:00 Sulfate (SO4)	1.1	0.50 mg/L	05/31/12 10:33	05/31/12 16:49
Client ID: A-28R				
Lab ID : ALS12053106-03A Nitrate (NO3) - N	ND	0.25 mg/L	05/31/12 10:33	05/31/12 17:08
Date Sampled 05/30/12 14:20 Sulfate (SO4)	ND	0.50 mg/L	05/31/12 10:33	05/31/12 17:08
Client ID: MW-24				
Lab ID : ALS12053106-04A Nitrate (NO3) - N	ND	0.25 mg/L	05/31/12 10:33	05/31/12 18:22
Date Sampled 05/30/12 14:40 Sulfate (SO4)	2.4	0.50 mg/L	05/31/12 10:33	05/31/12 18:22
Client ID: MW-23				
Lab ID : ALS12053106-05A Nitrate (NO3) - N	ND	0.25 mg/L	05/31/12 10:33	05/31/12 18:40
Date Sampled 05/30/12 15:00 Sulfate (SO4)	74	0.50 mg/L	05/31/12 10:33	05/31/12 18:40
Client ID: A-21				
Lab ID : ALS12053106-06A Nitrate (NO3) - N	ND	0.25 mg/L	05/31/12 10:33	05/31/12 18:59
Date Sampled 05/30/12 15:20 Sulfate (SO4)	940	5.0 mg/L	05/31/12 10:33	06/01/12 16:12

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.

6/13/12

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 : 05/31/12

Job: KMHI/Kinder Morgan- Harbor Island

Iron by Spectrophotometer SM3500-Fe B

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: A-23R				
Lab ID: ALS12053106-01A Iron, Ferrous (+2) Date Sampled 05/30/12 12:00	86	2.0 mg/L	06/01/12	06/01/12
Client ID: A-27				
Lab ID: ALS12053106-02A Iron, Ferrous (+2) Date Sampled 05/30/12 14:00	21	0.50 mg/L	06/01/12	06/01/12
Client ID: A-28R				
Lab ID: ALS12053106-03A Iron, Ferrous (+2) Date Sampled 05/30/12 14:20	42	1.0 mg/L	06/01/12	06/01/12
Client ID: MW-24				
Lab ID: ALS12053106-04A Iron, Ferrous (+2) Date Sampled 05/30/12 14:40	31	1.0 mg/L	06/01/12	06/01/12
Client ID: MW-23				
Lab ID: ALS12053106-05A Iron, Ferrous (+2) Date Sampled 05/30/12 15:00	41	1.0 mg/L	06/01/12	06/01/12
Client ID: A-21				
Lab ID: ALS12053106-06A Iron, Ferrous (+2) Date Sampled 05/30/12 15:20	9.6	0.50 mg/L	06/01/12	06/01/12

Ferrous iron samples were color developed promptly after laboratory login.

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

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6/13/12

Report Date



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ANALYTICAL REPORT

Antea Group
4006 148TH AVE NE
Redmond, WA 98052

Attn: Dawna Leong
Phone: (425) 498-7726
Fax: (425) 869-1892
Date Received : 05/31/12

Job: KMHI/Kinder Morgan- Harbor Island

Metals by ICPMS
EPA Method SW6020 / SW6020A

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: A-23R				
Lab ID: ALS12053106-01A Lead (Pb)	ND	0.0050 mg/L	05/31/12	06/01/12
Date Sampled 05/30/12 12:00				
Client ID: A-28R				
Lab ID: ALS12053106-03A Lead (Pb)	ND	0.0050 mg/L	05/31/12	06/01/12
Date Sampled 05/30/12 14:20				
Client ID: MW-24				
Lab ID: ALS12053106-04A Lead (Pb)	ND	0.0050 mg/L	05/31/12	06/01/12
Date Sampled 05/30/12 14:40				
Client ID: MW-23				
Lab ID: ALS12053106-05A Lead (Pb)	ND	0.0050 mg/L	05/31/12	06/01/12
Date Sampled 05/30/12 15:00				
Client ID: A-21				
Lab ID: ALS12053106-06A Lead (Pb)	ND	0.0050 mg/L	05/31/12	06/01/12
Date Sampled 05/30/12 15:20				

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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6/13/12

Report Date



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ANALYTICAL REPORT

Antea Group
4006 148TH AVE NE
Redmond, WA 98052

Attn: Dawna Leong
Phone: (425) 498-7726
Fax: (425) 869-1892
Date Received : 05/31/12

Job: KMHI/Kinder Morgan- Harbor Island

Dissolved Metals by ICPMS
EPA Method SW6020 / SW6020A

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: A-23R Lab ID: ALS12053106-01A Lead (Pb), Dissolved Date Sampled 05/30/12 12:00	ND	0.0050 mg/L	06/01/12	06/05/12

ND = Not Detected

Roger Scholl *Randy Gardner* *Walter Hinchman*

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6/13/12

Report Date



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ANALYTICAL REPORT

Antea Group
4006 148TH AVE NE
Redmond, WA 98052

Attn: Dawna Leong
Phone: (425) 498-7726
Fax: (425) 869-1892
Date Received : 05/31/12

Job: KMHI/Kinder Morgan- Harbor Island

Dissolved Gases
Modified Method RSK-175 GC/FID

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: A-23R				
Lab ID: ALS12053106-01A Methane	ND	0.010 mg/L	06/13/12	06/13/12
Date Sampled 05/30/12 12:00				
Client ID: A-27				
Lab ID: ALS12053106-02A Methane	2.6	0.010 mg/L	06/13/12	06/13/12
Date Sampled 05/30/12 14:00				
Client ID: A-28R				
Lab ID: ALS12053106-03A Methane	2.0	0.010 mg/L	06/13/12	06/13/12
Date Sampled 05/30/12 14:20				
Client ID: MW-24				
Lab ID: ALS12053106-04A Methane	7.5	0.010 mg/L	06/13/12	06/13/12
Date Sampled 05/30/12 14:40				
Client ID: MW-23				
Lab ID: ALS12053106-05A Methane	5.5	0.010 mg/L	06/13/12	06/13/12
Date Sampled 05/30/12 15:00				
Client ID: A-21				
Lab ID: ALS12053106-06A Methane	ND	0.010 mg/L	06/13/12	06/13/12
Date Sampled 05/30/12 15:20				

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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6/13/12

Report Date



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ANALYTICAL REPORT

Antea Group
4006 148TH AVE NE
Redmond, WA 98052

Attn: Dawna Leong
Phone: (425) 498-7726
Fax: (425) 869-1892
Date Received : 05/31/12

Job: KMHI/Kinder Morgan- Harbor Island

Sulfide
SM4500-S D

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: A-23R Lab ID : ALS12053106-01A Sulfide Date Sampled 05/30/12 12:00	ND	0.10 mg/L	06/06/12	06/06/12
Client ID: A-27 Lab ID : ALS12053106-02A Sulfide Date Sampled 05/30/12 14:00	ND	0.10 mg/L	06/06/12	06/06/12
Client ID: A-28R Lab ID : ALS12053106-03A Sulfide Date Sampled 05/30/12 14:20	0.11	0.10 mg/L	06/06/12	06/06/12
Client ID: MW-24 Lab ID : ALS12053106-04A Sulfide Date Sampled 05/30/12 14:40	0.15	0.10 mg/L	06/06/12	06/06/12
Client ID: MW-23 Lab ID : ALS12053106-05A Sulfide Date Sampled 05/30/12 15:00	0.38	0.10 mg/L	06/06/12	06/06/12
Client ID: A-21 Lab ID : ALS12053106-06A Sulfide Date Sampled 05/30/12 15:20	0.15	0.10 mg/L	06/06/12	06/06/12

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

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

6/13/12

Report Date



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ANALYTICAL REPORT

Antea Group
4006 148TH AVE NE
Redmond, WA 98052
Job: KMHI/Kinder Morgan- Harbor Island

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

Northwest Total Petroleum Hydrocarbons - Gasoline Extended (NWTPH-Gx)

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: A-23R Lab ID: ALS12053106-01A Date Sampled 05/30/12 12:00	TPH-P (GRO)	ND	0.25 mg/L	06/06/12
Client ID: A-27 Lab ID: ALS12053106-02A Date Sampled 05/30/12 14:00	TPH-P (GRO)	1.6	0.25 mg/L	06/06/12
Client ID: A-28R Lab ID: ALS12053106-03A Date Sampled 05/30/12 14:20	TPH-P (GRO)	2.7	0.25 mg/L	06/06/12
Client ID: MW-24 Lab ID: ALS12053106-04A Date Sampled 05/30/12 14:40	TPH-P (GRO)	7.3	0.50 mg/L	06/06/12
Client ID: MW-23 Lab ID: ALS12053106-05A Date Sampled 05/30/12 15:00	TPH-P (GRO)	4.5	0.50 mg/L	06/06/12
Client ID: A-21 Lab ID: ALS12053106-06A Date Sampled 05/30/12 15:20	TPH-P (GRO)	1.5	0.25 mg/L	06/06/12

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

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

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

6/13/12

Report Date



Alpha Analytical, Inc.

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ANALYTICAL REPORT

Antea Group
4006 148TH AVE NE
Redmond, WA 98052

Attn: Dawna Leong
Phone: (425) 498-7726
Fax: (425) 869-1892
Date Received : 05/31/12

Job: KMHI/Kinder Morgan- Harbor Island

Volatile Organic Compounds (VOCs) EPA Method SW8260B

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : A-23R				
Lab ID : ALS12053106-01A	Benzene	ND	0.50 µg/L	06/06/12
Date Sampled 05/30/12 12:00	Toluene	ND	0.50 µg/L	06/06/12
	Ethylbenzene	ND	0.50 µg/L	06/06/12
	Xylenes, Total	ND	0.50 µg/L	06/06/12
Client ID : A-27				
Lab ID : ALS12053106-02A	Benzene	15	0.50 µg/L	06/06/12
Date Sampled 05/30/12 14:00	Toluene	1.6	0.50 µg/L	06/06/12
	Ethylbenzene	38	0.50 µg/L	06/06/12
	Xylenes, Total	6.6	0.50 µg/L	06/06/12
Client ID : A-28R				
Lab ID : ALS12053106-03A	Benzene	65	0.50 µg/L	06/06/12
Date Sampled 05/30/12 14:20	Toluene	1.7	0.50 µg/L	06/06/12
	Ethylbenzene	50	0.50 µg/L	06/06/12
	Xylenes, Total	8.5	0.50 µg/L	06/06/12
Client ID : MW-24				
Lab ID : ALS12053106-04A	Benzene	390	2.5 µg/L	06/06/12
Date Sampled 05/30/12 14:40	Toluene	13	2.5 µg/L	06/06/12
	Ethylbenzene	300	2.5 µg/L	06/06/12
	Xylenes, Total	880	2.5 µg/L	06/06/12
Client ID : MW-23				
Lab ID : ALS12053106-05A	Benzene	87	2.5 µg/L	06/06/12
Date Sampled 05/30/12 15:00	Toluene	ND V	2.5 µg/L	06/06/12
	Ethylbenzene	140	2.5 µg/L	06/06/12
	Xylenes, Total	22	2.5 µg/L	06/06/12
Client ID : A-21				
Lab ID : ALS12053106-06A	Benzene	ND	1.0 µg/L	06/06/12
Date Sampled 05/30/12 15:20	Toluene	ND	1.0 µg/L	06/06/12
	Ethylbenzene	27	1.0 µg/L	06/06/12
	Xylenes, Total	ND	1.0 µg/L	06/06/12



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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
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.

WJH

6/13/12

Report Date



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VOC Sample Preservation Report

Work Order: ALS12053106

Job: KMHI/Kinder Morgan- Harbor Island

Alpha's Sample ID	Client's Sample ID	Matrix	pH
12053106-01A	A-23R	Aqueous	2
12053106-02A	A-27	Aqueous	2
12053106-03A	A-28R	Aqueous	2
12053106-04A	MW-24	Aqueous	2
12053106-05A	MW-23	Aqueous	2
12053106-06A	A-21	Aqueous	2

6/13/12

Report Date

Page 1 of 1



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Date:
05-Jun-12

QC Summary Report

Work Order:
12053106

Method Blank

Type: **MBLK** Test Code: **EPA Method 300.0**

File ID: 25	Batch ID: 28839	Analysis Date: 05/31/2012 10:20									
Sample ID: MB-28839	Run ID: IC_1_120531A	Prep Date: 05/31/2012 10:33									
Analyte	Units : mg/L	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N		ND	0.25								
Sulfate (SO4)		ND	0.5								

Laboratory Fortified Blank

Type: **LFB** Test Code: **EPA Method 300.0**

File ID: 26	Batch ID: 28839	Analysis Date: 05/31/2012 10:39									
Sample ID: LFB-28839	Run ID: IC_1_120531A	Prep Date: 05/31/2012 10:33									
Analyte	Units : mg/L	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N		5.12	0.25	5		102	90	110			
Sulfate (SO4)		99.1	0.5	100		99	90	110			

Sample Matrix Spike

Type: **LFM** Test Code: **EPA Method 300.0**

File ID: 29	Batch ID: 28839	Analysis Date: 05/31/2012 11:34									
Sample ID: 12053103-01ALFM	Run ID: IC_1_120531A	Prep Date: 05/31/2012 10:33									
Analyte	Units : mg/L	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N		31.2	0.63	25	7.132	96	80	120			
Sulfate (SO4)		566	1.3	500	89.8	95	80	120			

Sample Matrix Spike Duplicate

Type: **LFMD** Test Code: **EPA Method 300.0**

File ID: 34	Batch ID: 28839	Analysis Date: 05/31/2012 13:07									
Sample ID: 12053103-01ALFMD	Run ID: IC_1_120531A	Prep Date: 05/31/2012 10:33									
Analyte	Units : mg/L	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N		31.8	0.63	25	7.132	99	80	120	31.17	1.9(15)	
Sulfate (SO4)		570	1.3	500	89.8	96	80	120	565.7	0.7(15)	

Comments:

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Date:
05-Jun-12

QC Summary Report

Work Order:
12053106

Method Blank

Type: **MBLK** Test Code: **SM3500-Fe B**

File ID: Batch ID: **W0601FR** Analysis Date: **06/01/2012 00:00**
Sample ID: **MBLK-W0601FR** Units : **mg/L** Run ID: **WETLAB_120601A** Prep Date: **06/01/2012 00:00**
Analyte Result PQL SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual
Iron, Ferrous (+2) ND 0.05

Laboratory Control Spike

Type: **LCS** Test Code: **SM3500-Fe B**

File ID: Batch ID: **W0601FR** Analysis Date: **06/01/2012 00:00**
Sample ID: **LCS-W0601FR** Units : **mg/L** Run ID: **WETLAB_120601A** Prep Date: **06/01/2012 00:00**
Analyte Result PQL SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual
Iron, Ferrous (+2) 1.37 0.05 1.5 91 85 115

Sample Matrix Spike

Type: **MS** Test Code: **SM3500-Fe B**

File ID: Batch ID: **W0601FR** Analysis Date: **06/01/2012 00:00**
Sample ID: **12052906-03AMS** Units : **mg/L** Run ID: **WETLAB_120601A** Prep Date: **06/01/2012 00:00**
Analyte Result PQL SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual
Iron, Ferrous (+2) 1.43 0.05 1.5 0 95 70 130

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **SM3500-Fe B**

File ID: Batch ID: **W0601FR** Analysis Date: **06/01/2012 00:00**
Sample ID: **12052906-03AMSD** Units : **mg/L** Run ID: **WETLAB_120601A** Prep Date: **06/01/2012 00:00**
Analyte Result PQL SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual
Iron, Ferrous (+2) 1.42 0.05 1.5 0 95 70 130 1.425 0.5(20)

Comments:

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Date:
07-Jun-12

QC Summary Report

Work Order:
12053106

Method Blank

Type: **MBLK** Test Code: **EPA Method SW6020 / SW6020A**

File ID: 053112.B\107_M.D\

Batch ID: **28844**

Analysis Date: **06/01/2012 14:31**

Sample ID: **MB-28844**

Units : **mg/L**

Run ID: **ICP/MS_120601B**

Prep Date: **05/31/2012 20:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	ND	0.005								

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW6020 / SW6020A**

File ID: 053112.B\108_M.D\

Batch ID: **28844**

Analysis Date: **06/01/2012 14:37**

Sample ID: **LCS-28844**

Units : **mg/L**

Run ID: **ICP/MS_120601B**

Prep Date: **05/31/2012 20:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.295	0.005	0.25		118	80	120			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW6020 / SW6020A**

File ID: 053112.B\113_M.D\

Batch ID: **28844**

Analysis Date: **06/01/2012 15:06**

Sample ID: **12052221-01AMS**

Units : **mg/L**

Run ID: **ICP/MS_120601B**

Prep Date: **05/31/2012 20:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.272	0.005	0.25	0.009955	105	75	125			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW6020 / SW6020A**

File ID: 053112.B\114_M.D\

Batch ID: **28844**

Analysis Date: **06/01/2012 15:11**

Sample ID: **12052221-01AMSD**

Units : **mg/L**

Run ID: **ICP/MS_120601B**

Prep Date: **05/31/2012 20:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.275	0.005	0.25	0.009955	106	75	125	0.2717	1.1(20)	

Comments:

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Date:
07-Jun-12

QC Summary Report

Work Order:
12053106

Method Blank

Type: **MBLK** Test Code: **EPA Method 200.8**

File ID: 060412.B\052_M.D\

Batch ID: **28850**

Analysis Date: **06/04/2012 23:59**

Sample ID: **MB-28850**

Units : **mg/L**

Run ID: **ICP/MS_120604D**

Prep Date: **06/01/2012 12:22**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb), Dissolved	ND	0.005								

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method 200.8**

File ID: 060412.B\053_M.D\

Batch ID: **28850**

Analysis Date: **06/05/2012 00:05**

Sample ID: **LCS-28850**

Units : **mg/L**

Run ID: **ICP/MS_120604D**

Prep Date: **06/01/2012 12:22**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb), Dissolved	0.049	0.005	0.05		98	80	120			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method 200.8**

File ID: 060412.B\058_M.D\

Batch ID: **28850**

Analysis Date: **06/05/2012 00:34**

Sample ID: **12053106-01AMS**

Units : **mg/L**

Run ID: **ICP/MS_120604D**

Prep Date: **06/01/2012 12:22**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb), Dissolved	0.049	0.005	0.05	0	98	75	125			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method 200.8**

File ID: 060412.B\059_M.D\

Batch ID: **28850**

Analysis Date: **06/05/2012 00:40**

Sample ID: **12053106-01AMSD**

Units : **mg/L**

Run ID: **ICP/MS_120604D**

Prep Date: **06/01/2012 12:22**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb), Dissolved	0.0499	0.005	0.05	0	99.8	75	125	0.049	1.9(20)	

Comments:

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Date:
13-Jun-12

QC Summary Report

Work Order:
12053106

Method Blank

File ID:	Type: MBLK	Test Code: Modified Method RSK-175 GC/FID	Batch ID: 28903	Analysis Date: 06/13/2012 07:28						
Sample ID: MBLK-28903	Units : mg/L	Run ID: FID_6_120613A	Prep Date: 06/13/2012 06:24							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methane	ND	0.01								

Laboratory Control Spike

File ID:	Type: LCS	Test Code: Modified Method RSK-175 GC/FID	Batch ID: 28903	Analysis Date: 06/13/2012 07:47						
Sample ID: LCS-28903	Units : mg/L	Run ID: FID_6_120613A	Prep Date: 06/13/2012 06:24							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methane	0.494	0.01	0.452		109	70	130			

Sample Matrix Spike

File ID:	Type: MS	Test Code: Modified Method RSK-175 GC/FID	Batch ID: 28903	Analysis Date: 06/13/2012 10:19						
Sample ID: 12060544-03AMS	Units : mg/L	Run ID: FID_6_120613A	Prep Date: 06/13/2012 10:19							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methane	1.6	0.01	1.81	0.028	87	70	130			

Sample Matrix Spike Duplicate

File ID:	Type: MSD	Test Code: Modified Method RSK-175 GC/FID	Batch ID: 28903	Analysis Date: 06/13/2012 10:39						
Sample ID: 12060544-03AMSD	Units : mg/L	Run ID: FID_6_120613A	Prep Date: 06/13/2012 10:39							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methane	1.65	0.01	1.81	0.028	89	70	130	1.602	2.8(20)	

Comments:

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Date:
06-Jun-12

QC Summary Report

Work Order:
12053106

Method Blank

Type: **MBLK** Test Code: **SM4500-S D**

File ID: Batch ID: **W0606SU** Analysis Date: **06/06/2012 00:00**
Sample ID: **MBLK-W0606SU** Units : mg/L Run ID: **WETLAB_120606B** Prep Date: **06/06/2012 00:00**
Analyte Result PQL SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual
Sulfide ND 0.1

Laboratory Control Spike

Type: **LCS** Test Code: **SM4500-S D**

File ID: Batch ID: **W0606SU** Analysis Date: **06/06/2012 00:00**
Sample ID: **LCS-W0606SU** Units : mg/L Run ID: **WETLAB_120606B** Prep Date: **06/06/2012 00:00**
Analyte Result PQL SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual
Sulfide 1.03 0.1 1 103 62 142

Sample Matrix Spike

Type: **MS** Test Code: **SM4500-S D**

File ID: Batch ID: **W0606SU** Analysis Date: **06/06/2012 00:00**
Sample ID: **12060141-08AMS** Units : mg/L Run ID: **WETLAB_120606B** Prep Date: **06/06/2012 00:00**
Analyte Result PQL SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual
Sulfide 1.11 0.1 1 0 111 42 145

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **SM4500-S D**

File ID: Batch ID: **W0606SU** Analysis Date: **06/06/2012 00:00**
Sample ID: **12060141-08AMSD** Units : mg/L Run ID: **WETLAB_120606B** Prep Date: **06/06/2012 00:00**
Analyte Result PQL SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDRefVal %RPD(Limit) Qual
Sulfide 1.1 0.1 1 0 110 42 145 1.1 0.0(20)

Comments:

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Date:
13-Jun-12

QC Summary Report

Work Order:
12053106

Method Blank

Type **MBLK** Test Code: **EPA Method SW8015B/C**

File ID: **12060605.D**

Batch ID: **MS15W0606B**

Analysis Date: **06/06/2012 11:24**

Sample ID: **MBLK MS15W0606B**

Units : mg/L

Run ID: **MSD_15_120606A**

Prep Date: **06/06/2012 11:24**

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	0.0102		0.01		102	70	130			
Surr: Toluene-d8	0.0101		0.01		101	70	130			
Surr: 4-Bromofluorobenzene	0.00907		0.01		91	70	130			

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015B/C**

File ID: **12060603.D**

Batch ID: **MS15W0606B**

Analysis Date: **06/06/2012 10:41**

Sample ID: **GLCS MS15W0606B**

Units : mg/L

Run ID: **MSD_15_120606A**

Prep Date: **06/06/2012 10:41**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	0.378	0.05	0.4		95	70	130			
Surr: 1,2-Dichloroethane-d4	0.0102		0.01		102	70	130			
Surr: Toluene-d8	0.01		0.01		100	70	130			
Surr: 4-Bromofluorobenzene	0.00932		0.01		93	70	130			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015B/C**

File ID: **12060611.D**

Batch ID: **MS15W0606B**

Analysis Date: **06/06/2012 14:07**

Sample ID: **12053106-01AGS**

Units : mg/L

Run ID: **MSD_15_120606A**

Prep Date: **06/06/2012 14:07**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.18	0.25	2	0	109	51	144			
Surr: 1,2-Dichloroethane-d4	0.0518		0.05		104	70	130			
Surr: Toluene-d8	0.0494		0.05		99	70	130			
Surr: 4-Bromofluorobenzene	0.0479		0.05		96	70	130			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015B/C**

File ID: **12060612.D**

Batch ID: **MS15W0606B**

Analysis Date: **06/06/2012 14:29**

Sample ID: **12053106-01AGSD**

Units : mg/L

Run ID: **MSD_15_120606A**

Prep Date: **06/06/2012 14:29**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.23	0.25	2	0	111	51	144	2.184	1.9(29)	
Surr: 1,2-Dichloroethane-d4	0.053		0.05		106	70	130			
Surr: Toluene-d8	0.0498		0.05		99.7	70	130			
Surr: 4-Bromofluorobenzene	0.046		0.05		92	70	130			

Comments:

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Date:
13-Jun-12

QC Summary Report

Work Order:
12053106

Method Blank

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

File ID: **12060605.D**

Batch ID: **MS15W0606A**

Analysis Date: **06/06/2012 11:24**

Sample ID: **MBLK MS15W0606A**

Units : **µg/L**

Run ID: **MSD_15_120606A**

Prep Date: **06/06/2012 11:24**

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	10.2		10		102	70	130			
Surr: Toluene-d8	10.1		10		101	70	130			
Surr: 4-Bromofluorobenzene	9.07		10		91	70	130			

Laboratory Control Spike

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

File ID: **12060604.D**

Batch ID: **MS15W0606A**

Analysis Date: **06/06/2012 11:02**

Sample ID: **LCS MS15W0606A**

Units : **µg/L**

Run ID: **MSD_15_120606A**

Prep Date: **06/06/2012 11:02**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	9.88	0.5	10		99	70	130			
Toluene	9.73	0.5	10		97	80	120			
Ethylbenzene	9.84	0.5	10		98	80	120			
Xylenes, Total	19.4	0.5	20		97	70	130			
Surr: 1,2-Dichloroethane-d4	10.9		10		109	70	130			
Surr: Toluene-d8	10.1		10		101	70	130			
Surr: 4-Bromofluorobenzene	9.58		10		96	70	130			

Sample Matrix Spike

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

File ID: **12060609.D**

Batch ID: **MS15W0606A**

Analysis Date: **06/06/2012 13:24**

Sample ID: **12053106-01AMS**

Units : **µg/L**

Run ID: **MSD_15_120606A**

Prep Date: **06/06/2012 13:24**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	60.3	1.3	50	0	121	59	138			
Toluene	59.3	1.3	50	0	119	68	130			
Ethylbenzene	59.8	1.3	50	0	120	68	130			
Xylenes, Total	119	1.3	100	0	119	70	130			
Surr: 1,2-Dichloroethane-d4	51.9		50		104	70	130			
Surr: Toluene-d8	50.6		50		101	70	130			
Surr: 4-Bromofluorobenzene	48.2		50		96	70	130			

Sample Matrix Spike Duplicate

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

File ID: **12060610.D**

Batch ID: **MS15W0606A**

Analysis Date: **06/06/2012 13:45**

Sample ID: **12053106-01AMSD**

Units : **µg/L**

Run ID: **MSD_15_120606A**

Prep Date: **06/06/2012 13:45**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	53.8	1.3	50	0	108	59	138	60.3	11.4(21)	
Toluene	52.5	1.3	50	0	105	68	130	59.29	12.2(20)	
Ethylbenzene	53.3	1.3	50	0	107	68	130	59.79	11.4(20)	
Xylenes, Total	105	1.3	100	0	105	70	130	118.7	11.9(20)	
Surr: 1,2-Dichloroethane-d4	52.2		50		104	70	130			
Surr: Toluene-d8	50.1		50		100	70	130			
Surr: 4-Bromofluorobenzene	47.7		50		95	70	130			

Comments:

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

Billing Information :

CHAIN-OF-CUSTODY RECORD

AMENDED WA

Page: 1 of 1

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

WorkOrder : ALS12053106

Report Due By : 5:00 PM On : 14-Jun-12

Client:
 Antea Group
 4006 148TH AVE NE

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 MacDonald

Redmond, WA 98052

PO :
 Client's COC # : 59382 Job : KMHI/Kinder Morgan- Harbor Island

Cooler Temp Samples Received Date Printed
 2 °C 31-May-12 04-Jun-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	300_0_W	3500FE_20 S_W	METALS_A Q	METALS_D S	METHANE_W	SULFIDE_W	TPH/P_W	VOC_W	
ALS12053106-01A	A-23R	AQ	05/30/12 12:00	14	0	10	SO4, NO3	FE+2	Pb	Pb	CH4	Sulfide	NWTPH-Gx	BTXE_C	
ALS12053106-02A	A-27	AQ	05/30/12 14:00	12	0	10	SO4, NO3	FE+2			CH4	Sulfide	NWTPH-Gx	BTXE_C	
ALS12053106-03A	A-28R	AQ	05/30/12 14:20	13	0	10	SO4, NO3	FE+2	Pb		CH4	Sulfide	NWTPH-Gx	BTXE_C	Sample bottles labeled A-28R
ALS12053106-04A	MW-24	AQ	05/30/12 14:40	13	0	10	SO4, NO3	FE+2	Pb		CH4	Sulfide	NWTPH-Gx	BTXE_C	
ALS12053106-05A	MW-23	AQ	05/30/12 15:00	13	0	10	SO4, NO3	FE+2	Pb		CH4	Sulfide	NWTPH-Gx	BTXE_C	
ALS12053106-06A	A-21	AQ	05/30/12 15:20	13	0	10	SO4, NO3	FE+2	Pb		CH4	Sulfide	NWTPH-Gx	BTXE_C	

Comments: Security seals intact. Frozne Ice. Total Xylenes. VOC's=Ca limits. Sample -03A labeled per client COC. Amended 6/4/12 @ 7:25 to correct Sample ID for sample -03A, per phone conversation with Megan. SC :

Signature	Print Name	Company	Date/Time
<i>Sara White</i>	Sara White	Alpha Analytical, Inc.	6/4/12 7:26

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 : ALS12053106
Report Due By : 5:00 PM On : 14-Jun-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 MacDonald

PO :
 Client's COC # : 59382 Job : KMHI/Kinder Morgan- Harbor Island

Cooler Temp : 2 °C
 Samples Received : 31-May-12
 Date Printed : 31-May-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	300_0_W	3500FE_20_S_W	METALS_A_Q	METALS_D_S	METHANE_W	SULFIDE_W	TPHP_W	VOC_W	
ALS12053106-01A	A-23R	AQ	05/30/12 12:00	14	0	10	SO4, NO3	FE+2	Pb	Pb	CH4	Sulfide	NWTPH-Gx	BTXE_C	
ALS12053106-02A	A-27	AQ	05/30/12 14:00	12	0	10	SO4, NO3	FE+2			CH4	Sulfide	NWTPH-Gx	BTXE_C	
ALS12053106-03A	A-28	AQ	05/30/12 14:20	13	0	10	SO4, NO3	FE+2	Pb		CH4	Sulfide	NWTPH-Gx	BTXE_C	Sample bottles labeled A-28R
ALS12053106-04A	MW-24	AQ	05/30/12 14:40	13	0	10	SO4, NO3	FE+2	Pb		CH4	Sulfide	NWTPH-Gx	BTXE_C	
ALS12053106-05A	MW-23	AQ	05/30/12 15:00	13	0	10	SO4, NO3	FE+2	Pb		CH4	Sulfide	NWTPH-Gx	BTXE_C	
ALS12053106-06A	A-21	AQ	05/30/12 15:20	13	0	10	SO4, NO3	FE+2	Pb		CH4	Sulfide	NWTPH-Gx	BTXE_C	

Comments: Security seals intact. Frozne Ice. Total Xylenes. VOC's=Ca limits. Sample -03A labeled per client COC. :

Signature	Print Name	Company	Date/Time
<i>Sarah L. Hee</i>	Sarah L. Hee	Alpha Analytical, Inc.	5/31/12 11:50

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 148th Ave NE
 City, State, Zip: Redmond, WA 98052
 Phone Number: 206-854-0399 Fax: 425-869-1872



Samples Collected From Which State?
 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-		Kinder Morgan - Harbor K.								EDD / EDF? YES ___ NO ___			
Address			Report Attention / Project Manager		Name: Dawna Leong								Global ID #			
City, State, Zip			Email: dawna.leong@anteagroup.com		Phone: 425-498-7722		Mobile:								REMARKS	
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**	MUTPH-GX	BTEX	MUTPH-Dx w/ silica gel	Total Pb	Sulfate, Sulfide, Nitrate, Ammonia, etc. Methane	Dissolved Pb		
5:30-12	12:00	AQ		ALS12053106-01A	A-23R	Standard	N	14	X	X		X	X	X		
	14:00			FOR -03A	A-27			12	X	X		X	X			
	14:20			-03A	A-28			13	X	X		X	X			
	14:40			-04A	MW-24			13	X	X		X	X			
	15:00			LAB -05A	MW-23			13	X	X		X	X			
✓	15:20	↓		-06A	A-21	↓	↓	13	X	X		X	X			

ADDITIONAL INSTRUCTIONS:

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

Relinquished by: (Signature/Affiliation) <u>MM - Antea</u>	Received by: (Signature/Affiliation)	Date: <u>5-30-12</u>	Time: <u>16:10</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation) <u>Sarah Lee / Alpha</u>	Date: <u>5/31/12</u>	Time: <u>11:06</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.



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 : 06/01/12

Job: Kinder Morgan-Harbor Island

Metals by ICPMS
EPA Method SW6020 / SW6020A

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-3 Lab ID: ALS12060143-01A Lead (Pb) Date Sampled 05/31/12 11:40	ND	0.0050 mg/L	06/04/12	06/05/12
Client ID: MW-2 Lab ID: ALS12060143-04A Lead (Pb) Date Sampled 05/31/12 14:00	ND	0.0050 mg/L	06/04/12	06/05/12

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.

6/14/12

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
Job: Kinder Morgan-Harbor Island

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

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: MW-3				
Lab ID: ALS12060143-01A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/04/12
Date Sampled 05/31/12 11:40	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
	TPH-P (GRO)	ND	0.25 mg/L	06/09/12
Client ID: MW-20				
Lab ID: ALS12060143-02A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/04/12
Date Sampled 05/31/12 12:00	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
	TPH-P (GRO)	ND	0.25 mg/L	06/09/12
Client ID: MW-22				
Lab ID: ALS12060143-03A	TPH-E (DRO), Silica Gel	2.1	0.25 mg/L	06/04/12
Date Sampled 05/31/12 13:40	TPH-E (ORO), Silica Gel	0.73	0.50 mg/L	06/04/12
	TPH-P (GRO)	ND O	1.0 mg/L	06/09/12
Client ID: MW-2				
Lab ID: ALS12060143-04A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/04/12
Date Sampled 05/31/12 14:00	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
	TPH-P (GRO)	ND	0.25 mg/L	06/09/12
Client ID: MW-18				
Lab ID: ALS12060143-05A	TPH-P (GRO)	ND	0.25 mg/L	06/09/12
Date Sampled 05/31/12 14:20				
Client ID: MW-16				
Lab ID: ALS12060143-06A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/04/12
Date Sampled 05/31/12 14:40	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
	TPH-P (GRO)	ND	0.25 mg/L	06/09/12

Diesel Range Organics (DRO) C13-C22

Gasoline Range Organics (GRO) C4-C13

O = Reporting Limits were increased due to sample foaming.

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.

PG

6/14/12

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 : 06/01/12

Job: Kinder Morgan-Harbor Island

Volatile Organic Compounds (VOCs) EPA Method SW8260B

	Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-3					
Lab ID:	ALS12060143-01A	Benzene	ND	0.50 µg/L	06/09/12
Date Sampled	05/31/12 11:40	Toluene	ND	0.50 µg/L	06/09/12
		Ethylbenzene	ND	0.50 µg/L	06/09/12
		Xylenes, Total	ND	0.50 µg/L	06/09/12
Client ID: MW-20					
Lab ID:	ALS12060143-02A	Benzene	ND	0.50 µg/L	06/09/12
Date Sampled	05/31/12 12:00	Toluene	ND	0.50 µg/L	06/09/12
		Ethylbenzene	ND	0.50 µg/L	06/09/12
		Xylenes, Total	ND	0.50 µg/L	06/09/12
Client ID: MW-22					
Lab ID:	ALS12060143-03A	Benzene	ND	5.0 µg/L	06/09/12
Date Sampled	05/31/12 13:40	Toluene	ND	5.0 µg/L	06/09/12
		Ethylbenzene	ND	5.0 µg/L	06/09/12
		Xylenes, Total	ND	5.0 µg/L	06/09/12
Client ID: MW-2					
Lab ID:	ALS12060143-04A	Benzene	ND	0.50 µg/L	06/09/12
Date Sampled	05/31/12 14:00	Toluene	ND	0.50 µg/L	06/09/12
		Ethylbenzene	ND	0.50 µg/L	06/09/12
		Xylenes, Total	ND	0.50 µg/L	06/09/12
Client ID: MW-18					
Lab ID:	ALS12060143-05A	Benzene	ND	0.50 µg/L	06/09/12
Date Sampled	05/31/12 14:20	Toluene	ND	0.50 µg/L	06/09/12
		Ethylbenzene	ND	0.50 µg/L	06/09/12
		Xylenes, Total	ND	0.50 µg/L	06/09/12
Client ID: MW-16					
Lab ID:	ALS12060143-06A	Benzene	ND	0.50 µg/L	06/09/12
Date Sampled	05/31/12 14:40	Toluene	ND	0.50 µg/L	06/09/12
		Ethylbenzene	ND	0.50 µg/L	06/09/12
		Xylenes, Total	ND	0.50 µg/L	06/09/12



Alpha Analytical, Inc.

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O = Reporting Limits were increased due to sample foaming.

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

6/14/12

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

VOC Sample Preservation Report

Work Order: ALS12060143

Job: Kinder Morgan-Harbor Island

Alpha's Sample ID	Client's Sample ID	Matrix	pH
12060143-01A	MW-3	Aqueous	2
12060143-02A	MW-20	Aqueous	2
12060143-03A	MW-22	Aqueous	2
12060143-04A	MW-2	Aqueous	2
12060143-05A	MW-18	Aqueous	2
12060143-06A	MW-16	Aqueous	2



Alpha Analytical, Inc.

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

Date:
07-Jun-12

QC Summary Report

Work Order:
12060143

Method Blank

Type: **MBLK** Test Code: **EPA Method SW6020 / SW6020A**

File ID: 060412.B\081_M.D\

Batch ID: 28860

Analysis Date: 06/05/2012 04:07

Sample ID: MB-28860

Units : mg/L

Run ID: ICP/MS_120605A

Prep Date: 06/04/2012 14:35

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	ND	0.005								

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW6020 / SW6020A**

File ID: 060412.B\082_M.D\

Batch ID: 28860

Analysis Date: 06/05/2012 04:13

Sample ID: LCS-28860

Units : mg/L

Run ID: ICP/MS_120605A

Prep Date: 06/04/2012 14:35

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.267	0.005	0.25		107	80	120			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW6020 / SW6020A**

File ID: 060412.B\087_M.D\

Batch ID: 28860

Analysis Date: 06/05/2012 04:42

Sample ID: 12060403-01AMS

Units : mg/L

Run ID: ICP/MS_120605A

Prep Date: 06/04/2012 14:35

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.269	0.005	0.25		0 107	75	125			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW6020 / SW6020A**

File ID: 060412.B\088_M.D\

Batch ID: 28860

Analysis Date: 06/05/2012 04:47

Sample ID: 12060403-01AMSD

Units : mg/L

Run ID: ICP/MS_120605A

Prep Date: 06/04/2012 14:35

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.267	0.005	0.25		0 107	75	125	0.2687	0.8(20)	

Comments:

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



Alpha Analytical, Inc.

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

Date:
14-Jun-12

QC Summary Report

Work Order:
12060143

Method Blank

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

File ID: **1A05301283.D**

Batch ID: **28859SG**

Analysis Date: **06/04/2012 13:14**

Sample ID: **MBLK-28859SG**

Units : **mg/L**

Run ID: **FID_1_120604B**

Prep Date: **06/04/2012 12:53**

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	0.17		0.15		113	49	145			

Laboratory Control Spike

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

File ID: **1A05301284.D**

Batch ID: **28859SG**

Analysis Date: **06/04/2012 13:38**

Sample ID: **LCS-28859SG**

Units : **mg/L**

Run ID: **FID_1_120604B**

Prep Date: **06/04/2012 12:53**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	2.37	0.05	2.5		95	70	130			
Surr: Nonane, Silica Gel	0.176		0.15		117	49	145			

Sample Matrix Spike

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

File ID: **1A05301295.D**

Batch ID: **28859SG**

Analysis Date: **06/04/2012 18:44**

Sample ID: **12060401-09AMS**

Units : **mg/L**

Run ID: **FID_1_120604B**

Prep Date: **06/04/2012 12:53**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	3.34	0.05	2.5	0.902	97	53	150			
Surr: Nonane, Silica Gel	0.15		0.15		100	49	145			

Sample Matrix Spike Duplicate

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

File ID: **1A05301296.D**

Batch ID: **28859SG**

Analysis Date: **06/04/2012 19:10**

Sample ID: **12060401-09AMSD**

Units : **mg/L**

Run ID: **FID_1_120604B**

Prep Date: **06/04/2012 12:53**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	4.05	0.05	2.5	0.902	126	53	150	3.335	19.3(47)	
Surr: Nonane, Silica Gel	0.151		0.15		101	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.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:
13-Jun-12

QC Summary Report

Work Order:
12060143

Method Blank

File ID: 12060907.D

Sample ID: MBLK MS09W0609B

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	0.00899		0.01		90	70	130			
Surr: Toluene-d8	0.0102		0.01		102	70	130			
Surr: 4-Bromofluorobenzene	0.00992		0.01		99	70	130			

Laboratory Control Spike

File ID: 12060906.D

Sample ID: GLCS MS09W0609B

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	0.386	0.05	0.4		97	70	130			
Surr: 1,2-Dichloroethane-d4	0.00886		0.01		89	70	130			
Surr: Toluene-d8	0.0098		0.01		98	70	130			
Surr: 4-Bromofluorobenzene	0.0097		0.01		97	70	130			

Sample Matrix Spike

File ID: 12060916.D

Sample ID: 12060143-01AGS

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.32	0.25	2	0	116	51	144			
Surr: 1,2-Dichloroethane-d4	0.0533		0.05		107	70	130			
Surr: Toluene-d8	0.0478		0.05		96	70	130			
Surr: 4-Bromofluorobenzene	0.0494		0.05		99	70	130			

Sample Matrix Spike Duplicate

File ID: 12060917.D

Sample ID: 12060143-01AGSD

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.2	0.25	2	0	110	51	144	2.325	5.7(29)	
Surr: 1,2-Dichloroethane-d4	0.0535		0.05		107	70	130			
Surr: Toluene-d8	0.0481		0.05		96	70	130			
Surr: 4-Bromofluorobenzene	0.0482		0.05		96	70	130			

Comments:

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Date:
13-Jun-12

QC Summary Report

Work Order:
12060143

Method Blank

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

File ID: **12060907.D**

Batch ID: **MS09W0609A**

Analysis Date: **06/09/2012 11:57**

Sample ID: **MBLK MS09W0609A**

Units: **µg/L**

Run ID: **MSD_09_120609B**

Prep Date: **06/09/2012 11:57**

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	8.99		10		90	70	130			
Surr: Toluene-d8	10.2		10		102	70	130			
Surr: 4-Bromofluorobenzene	9.92		10		99	70	130			

Laboratory Control Spike

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

File ID: **12060905.D**

Batch ID: **MS09W0609A**

Analysis Date: **06/09/2012 11:10**

Sample ID: **LCS MS09W0609A**

Units: **µg/L**

Run ID: **MSD_09_120609B**

Prep Date: **06/09/2012 11:10**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	8.89	0.5	10		89	70	130			
Toluene	9.17	0.5	10		92	80	120			
Ethylbenzene	9.6	0.5	10		96	80	120			
Xylenes, Total	19.3	0.5	20		96	70	130			
Surr: 1,2-Dichloroethane-d4	9.24		10		92	70	130			
Surr: Toluene-d8	9.76		10		98	70	130			
Surr: 4-Bromofluorobenzene	9.19		10		92	70	130			

Sample Matrix Spike

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

File ID: **12060914.D**

Batch ID: **MS09W0609A**

Analysis Date: **06/09/2012 14:33**

Sample ID: **12060143-01AMS**

Units: **µg/L**

Run ID: **MSD_09_120609B**

Prep Date: **06/09/2012 14:33**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	44.6	1.3	50	0	89	59	138			
Toluene	41.8	1.3	50	0	84	68	130			
Ethylbenzene	46.4	1.3	50	0	93	68	130			
Xylenes, Total	88.8	1.3	100	0	89	70	130			
Surr: 1,2-Dichloroethane-d4	57.8		50		116	70	130			
Surr: Toluene-d8	44.3		50		89	70	130			
Surr: 4-Bromofluorobenzene	44.4		50		89	70	130			

Sample Matrix Spike Duplicate

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

File ID: **12060915.D**

Batch ID: **MS09W0609A**

Analysis Date: **06/09/2012 14:56**

Sample ID: **12060143-01AMSD**

Units: **µg/L**

Run ID: **MSD_09_120609B**

Prep Date: **06/09/2012 14:56**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	45.8	1.3	50	0	92	59	138	44.6	2.6(21)	
Toluene	43.9	1.3	50	0	88	68	130	41.8	4.9(20)	
Ethylbenzene	48.4	1.3	50	0	97	68	130	46.39	4.3(20)	
Xylenes, Total	92.9	1.3	100	0	93	70	130	88.77	4.5(20)	
Surr: 1,2-Dichloroethane-d4	55.2		50		110	70	130			
Surr: Toluene-d8	44.6		50		89	70	130			
Surr: 4-Bromofluorobenzene	44.8		50		90	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 : ALS12060143
Report Due By : 5:00 PM On : 15-Jun-12

Client:
 Antea Group
 4006 148TH AVE NE

Report Attention	Phone Number	Email Address
Dawna Leong	(425) 498-7726 x	dawna.leong@anteagroup.com

EDD Required : No

Redmond, WA 98052

Sampled by : Megan MacDonald

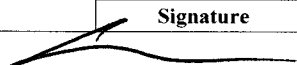
PO :
 Client's COC # : 59381 Job : Kinder Morgan-Harbor Island

Cooler Temp	Samples Received	Date Printed
5 °C	01-Jun-12	01-Jun-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	METALS_A Q	TPH/E_SG_W	TPH/P_W	VOC_W		
ALS12060143-01A	MW-3	AQ	05/31/12 11:40	7	0	10	Pb	NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C		
ALS12060143-02A	MW-20	AQ	05/31/12 12:00	5	0	10		NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C		1 VOA received broken.
ALS12060143-03A	MW-22	AQ	05/31/12 13:40	5	0	10		NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C		1 VOA received broken.
ALS12060143-04A	MW-2	AQ	05/31/12 14:00	7	0	10	Pb	NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C		
ALS12060143-05A	MW-18	AQ	05/31/12 14:20	3	0	10			NWTPH-Gx	BTXE_C		
ALS12060143-06A	MW-16	AQ	05/31/12 14:40	6	0	10		NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C		


Comments: Security seals intact. Frozen ice. Total Xylenes. VOC's=Ca limits. :

Logged in by:		Print Name Sarah Neu	Company Alpha Analytical, Inc.	Date/Time 6/11/12 12:15
---------------	---	-------------------------	-----------------------------------	----------------------------

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 148th Ave NE
 City, State, Zip Redmond WA 98052
 Phone Number 425-498-7711 Fax 425-869-1692



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

Samples Collected From Which State?

AZ CA NV WA **DOB Site**
 ID OR OTHER Page # 1 of 1

Consultant / Client Name		Job #		Job Name		Analyses Required				Data Validation Level: III or IV				
Same as above		KMH I		Kinder Morgan Harbor Island						EDD / EDF? YES <input type="checkbox"/> NO <input type="checkbox"/>				
Address		Report Attention / Project Manager		Name: <u>Dawna Leong</u>						Global ID #				
City, State, Zip		Email: <u>dawnaleong@anteagroup.com</u>		Phone: <u>425-498-7711</u>		Mobile: <u>206-854-6399</u>						REMARKS		
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**	NUTR-GX	BTEX	NUTR-EX ^{41 SINCE FEB}	Total Pb		
11:40	5-31-12	AQ		ALS206043-01A	MW-3	Stand.	N	7	X	X	X	X		
12:00				FOR 02A	MW-20			6	X	X	X	X		
13:40				03A	MW-22			6	X	X	X	X		
14:00				04A	MW-2			7	X	X	X	X		
14:20				05A	MW-18			3	X	X	X	X		
14:40				06A	MW-16			6	X	X	X	X		

ADDITIONAL INSTRUCTIONS:

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

Relinquished by: (Signature/Affiliation) <u>MM - Antea</u>	Received by: (Signature/Affiliation) <u>Alpha</u>	Date: <u>5-31-12</u>	Time: <u>12:00</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
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.



Alpha Analytical, Inc.

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ANALYTICAL REPORT

Antea Group
4006 148TH AVE NE
Redmond, WA 98052

Attn: Dawna Leong
Phone: (425) 498-7726
Fax: (425) 869-1892
Date Received : 06/01/12

Job: KMHI

Anions by IC
EPA Method 300.0

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-21				
Lab ID : ALS12060141-01A Nitrate (NO3) - N	ND	0.25 mg/L	06/01/12 11:22	06/01/12 14:58
Date Sampled 05/31/12 09:00 Sulfate (SO4)	5.7	0.50 mg/L	06/01/12 11:22	06/01/12 14:58
Client ID: MW-9				
Lab ID : ALS12060141-03A Nitrate (NO3) - N	0.38	0.25 mg/L	06/01/12 11:22	06/01/12 15:16
Date Sampled 05/31/12 09:40 Sulfate (SO4)	5.3	0.50 mg/L	06/01/12 11:22	06/01/12 15:16
Client ID: MW-7				
Lab ID : ALS12060141-04A Nitrate (NO3) - N	ND	0.25 mg/L	06/01/12 11:22	06/01/12 15:35
Date Sampled 05/31/12 10:00 Sulfate (SO4)	2.4	0.50 mg/L	06/01/12 11:22	06/01/12 15:35
Client ID: MW-19				
Lab ID : ALS12060141-05A Nitrate (NO3) - N	ND	0.25 mg/L	06/01/12 11:22	06/01/12 15:53
Date Sampled 05/31/12 10:40 Sulfate (SO4)	ND	0.50 mg/L	06/01/12 11:22	06/01/12 15:53
Client ID: MW-14				
Lab ID : ALS12060141-07A Nitrate (NO3) - N	ND	0.25 mg/L	06/01/12 11:22	06/01/12 17:26
Date Sampled 05/31/12 11:20 Sulfate (SO4)	10	0.50 mg/L	06/01/12 11:22	06/01/12 17:26
Client ID: MW-6				
Lab ID : ALS12060141-08A Nitrate (NO3) - N	2.1	0.25 mg/L	06/01/12 11:22	06/01/12 17:44
Date Sampled 05/31/12 13:20 Sulfate (SO4)	18	0.50 mg/L	06/01/12 11:22	06/01/12 17:44

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.

6/13/12

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 : 06/01/12

Job: KMHI

Iron by Spectrophotometer SM3500-Fe B

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-21				
Lab ID: ALS12060141-01A Iron, Ferrous (+2) Date Sampled 05/31/12 09:00	0.092	0.050 mg/L	06/01/12	06/01/12
Client ID: MW-9				
Lab ID: ALS12060141-03A Iron, Ferrous (+2) Date Sampled 05/31/12 09:40	ND	0.050 mg/L	06/01/12	06/01/12
Client ID: MW-7				
Lab ID: ALS12060141-04A Iron, Ferrous (+2) Date Sampled 05/31/12 10:00	1.5	0.050 mg/L	06/01/12	06/01/12
Client ID: MW-19				
Lab ID: ALS12060141-05A Iron, Ferrous (+2) Date Sampled 05/31/12 10:40	10	0.25 mg/L	06/01/12	06/01/12
Client ID: MW-14				
Lab ID: ALS12060141-07A Iron, Ferrous (+2) Date Sampled 05/31/12 11:20	ND	0.050 mg/L	06/01/12	06/01/12
Client ID: MW-6				
Lab ID: ALS12060141-08A Iron, Ferrous (+2) Date Sampled 05/31/12 13:20	ND	0.050 mg/L	06/01/12	06/01/12

Ferrous iron samples were color developed promptly after laboratory login.

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

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6/14/12

Report Date



Alpha Analytical, Inc.

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ANALYTICAL REPORT

Antea Group
4006 148TH AVE NE
Redmond, WA 98052

Attn: Dawna Leong
Phone: (425) 498-7726
Fax: (425) 869-1892
Date Received : 06/01/12

Job: KMHI

Dissolved Metals by ICPMS
EPA Method SW6020 / SW6020A

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-7 Lab ID : ALS12060141-04A Lead (Pb), Dissolved Date Sampled 05/31/12 10:00	ND	0.0050 mg/L	06/01/12	06/05/12

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

6/14/12

Report Date



Alpha Analytical, Inc.

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(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 : 06/01/12

Job: KMHI

Metals by ICPMS
EPA Method SW6020 / SW6020A

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-8 Lab ID : ALS12060141-02A Lead (Pb) Date Sampled 05/31/12 09:20	0.032	0.0050 mg/L	06/04/12	06/05/12
Client ID: MW-9 Lab ID : ALS12060141-03A Lead (Pb) Date Sampled 05/31/12 09:40	0.012	0.0050 mg/L	06/04/12	06/05/12
Client ID: MW-7 Lab ID : ALS12060141-04A Lead (Pb) Date Sampled 05/31/12 10:00	0.0063	0.0050 mg/L	06/04/12	06/05/12
Client ID: MW-5 Lab ID : ALS12060141-06A Lead (Pb) Date Sampled 05/31/12 11:00	ND	0.0050 mg/L	06/04/12	06/05/12
Client ID: MW-6 Lab ID : ALS12060141-08A Lead (Pb) Date Sampled 05/31/12 13:20	ND	0.0050 mg/L	06/04/12	06/05/12

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.

6/14/12

Report Date



Alpha Analytical, Inc.

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(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 : 06/01/12

Job: KMHI

Dissolved Gases
Modified Method RSK-175 GC/FID

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-21 Lab ID : ALS12060141-01A Methane Date Sampled 05/31/12 09:00	0.24	0.010 mg/L	06/13/12	06/13/12
Client ID: MW-9 Lab ID : ALS12060141-03A Methane Date Sampled 05/31/12 09:40	0.13	0.010 mg/L	06/13/12	06/13/12
Client ID: MW-7 Lab ID : ALS12060141-04A Methane Date Sampled 05/31/12 10:00	14	0.010 mg/L	06/13/12	06/13/12
Client ID: MW-19 Lab ID : ALS12060141-05A Methane Date Sampled 05/31/12 10:40	13	0.050 mg/L	06/13/12	06/13/12
Client ID: MW-14 Lab ID : ALS12060141-07A Methane Date Sampled 05/31/12 11:20	0.086	0.010 mg/L	06/13/12	06/13/12
Client ID: MW-6 Lab ID : ALS12060141-08A Methane Date Sampled 05/31/12 13:20	ND	0.010 mg/L	06/13/12	06/13/12

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.

6/14/12

Report Date



Alpha Analytical, Inc.

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(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 : 06/01/12

Job: KMHI

Sulfide SM4500-S D

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-21 Lab ID : ALS12060141-01A Sulfide Date Sampled 05/31/12 09:00	0.22	0.10 mg/L	06/06/12	06/06/12
Client ID: MW-9 Lab ID : ALS12060141-03A Sulfide Date Sampled 05/31/12 09:40	ND	0.10 mg/L	06/06/12	06/06/12
Client ID: MW-7 Lab ID : ALS12060141-04A Sulfide Date Sampled 05/31/12 10:00	0.70	0.10 mg/L	06/06/12	06/06/12
Client ID: MW-19 Lab ID : ALS12060141-05A Sulfide Date Sampled 05/31/12 10:40	0.21	0.10 mg/L	06/06/12	06/06/12
Client ID: MW-14 Lab ID : ALS12060141-07A Sulfide Date Sampled 05/31/12 11:20	ND	0.10 mg/L	06/06/12	06/06/12
Client ID: MW-6 Lab ID : ALS12060141-08A Sulfide Date Sampled 05/31/12 13:20	ND	0.10 mg/L	06/06/12	06/06/12

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.

6/14/12

Report Date



Alpha Analytical, Inc.

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ANALYTICAL REPORT

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

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

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 : MW-21					
Lab ID : ALS12060141-01A	TPH-E (DRO), Silica Gel	6.1	0.25 mg/L	06/01/12	06/01/12
Date Sampled 05/31/12 09:00	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/01/12	06/01/12
	TPH-P (GRO)	ND	0.25 mg/L	06/08/12	06/08/12
Client ID : MW-8					
Lab ID : ALS12060141-02A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/01/12	06/02/12
Date Sampled 05/31/12 09:20	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/01/12	06/02/12
	TPH-P (GRO)	ND	0.25 mg/L	06/08/12	06/08/12
Client ID : MW-9					
Lab ID : ALS12060141-03A	TPH-P (GRO)	ND	0.25 mg/L	06/08/12	06/08/12
Date Sampled 05/31/12 09:40					
Client ID : MW-7					
Lab ID : ALS12060141-04A	TPH-P (GRO)	8.8	2.0 mg/L	06/08/12	06/08/12
Date Sampled 05/31/12 10:00					
Client ID : MW-19					
Lab ID : ALS12060141-05A	TPH-P (GRO)	8.3	1.0 mg/L	06/08/12	06/08/12
Date Sampled 05/31/12 10:40					
Client ID : MW-5					
Lab ID : ALS12060141-06A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/01/12	06/02/12
Date Sampled 05/31/12 11:00	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/01/12	06/02/12
	TPH-P (GRO)	ND	0.25 mg/L	06/08/12	06/08/12
Client ID : MW-14					
Lab ID : ALS12060141-07A	TPH-P (GRO)	ND	0.25 mg/L	06/08/12	06/08/12
Date Sampled 05/31/12 11:20					
Client ID : MW-6					
Lab ID : ALS12060141-08A	TPH-P (GRO)	ND	0.25 mg/L	06/08/12	06/08/12
Date Sampled 05/31/12 13:20					



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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

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

[Signature]
6/14/12

Report Date



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ANALYTICAL REPORT

Antea Group
4006 148TH AVE NE
Redmond, WA 98052

Attn: Dawna Leong
Phone: (425) 498-7726
Fax: (425) 869-1892
Date Received : 06/01/12

Job: KMHI

Volatile Organic Compounds (VOCs) EPA Method SW8260B

	Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-21					
Lab ID: ALS12060141-01A	Benzene	ND O	1.0 µg/L	06/08/12	06/08/12
Date Sampled 05/31/12 09:00	Toluene	ND O	1.0 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND O	1.0 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND O	1.0 µg/L	06/08/12	06/08/12
Client ID: MW-8					
Lab ID: ALS12060141-02A	Benzene	ND O	1.0 µg/L	06/08/12	06/08/12
Date Sampled 05/31/12 09:20	Toluene	ND O	1.0 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND O	1.0 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND O	1.0 µg/L	06/08/12	06/08/12
Client ID: MW-9					
Lab ID: ALS12060141-03A	Benzene	ND	0.50 µg/L	06/08/12	06/08/12
Date Sampled 05/31/12 09:40	Toluene	ND	0.50 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND	0.50 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND	0.50 µg/L	06/08/12	06/08/12
Client ID: MW-7					
Lab ID: ALS12060141-04A	Benzene	20	10 µg/L	06/08/12	06/08/12
Date Sampled 05/31/12 10:00	Toluene	140	10 µg/L	06/08/12	06/08/12
	Ethylbenzene	360	10 µg/L	06/08/12	06/08/12
	Xylenes, Total	1,900	10 µg/L	06/08/12	06/08/12
Client ID: MW-19					
Lab ID: ALS12060141-05A	Benzene	79	5.0 µg/L	06/08/12	06/08/12
Date Sampled 05/31/12 10:40	Toluene	73	5.0 µg/L	06/08/12	06/08/12
	Ethylbenzene	480	5.0 µg/L	06/08/12	06/08/12
	Xylenes, Total	810	5.0 µg/L	06/08/12	06/08/12
Client ID: MW-5					
Lab ID: ALS12060141-06A	Benzene	ND	0.50 µg/L	06/08/12	06/08/12
Date Sampled 05/31/12 11:00	Toluene	ND	0.50 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND	0.50 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND	0.50 µg/L	06/08/12	06/08/12
Client ID: MW-14					
Lab ID: ALS12060141-07A	Benzene	ND O	1.0 µg/L	06/08/12	06/08/12
Date Sampled 05/31/12 11:20	Toluene	ND O	1.0 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND O	1.0 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND O	1.0 µg/L	06/08/12	06/08/12
Client ID: MW-6					
Lab ID: ALS12060141-08A	Benzene	ND	0.50 µg/L	06/08/12	06/08/12
Date Sampled 05/31/12 13:20	Toluene	ND	0.50 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND	0.50 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND	0.50 µg/L	06/08/12	06/08/12



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O = Reporting Limits were increased due to sample foaming.

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.

6/14/12

Report Date



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VOC Sample Preservation Report

Work Order: ALS12060141

Job: KMHI

Alpha's Sample ID	Client's Sample ID	Matrix	pH
12060141-01A	MW-21	Aqueous	2
12060141-02A	MW-8	Aqueous	2
12060141-03A	MW-9	Aqueous	2
12060141-04A	MW-7	Aqueous	2
12060141-05A	MW-19	Aqueous	2
12060141-06A	MW-5	Aqueous	2
12060141-07A	MW-14	Aqueous	2
12060141-08A	MW-6	Aqueous	2

6/14/12
Report Date



Alpha Analytical, Inc.

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Date:
05-Jun-12

QC Summary Report

Work Order:
12060141

Method Blank

Type: **MBLK** Test Code: **EPA Method 300.0**

File ID: 25	Units : mg/L		Batch ID: 28848	Analysis Date: 06/01/2012 11:15						
Sample ID: MB-28848	Run ID: IC_1_120601A		Prep Date: 06/01/2012 11:22							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	ND	0.25								
Sulfate (SO4)	ND	0.5								

Laboratory Fortified Blank

Type: **LFB** Test Code: **EPA Method 300.0**

File ID: 26	Units : mg/L		Batch ID: 28848	Analysis Date: 06/01/2012 11:34						
Sample ID: LFB-28848	Run ID: IC_1_120601A		Prep Date: 06/01/2012 11:22							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	5.3	0.25	5		106	90	110			
Sulfate (SO4)	101	0.5	100		101	90	110			

Sample Matrix Spike

Type: **LFM** Test Code: **EPA Method 300.0**

File ID: 29	Units : mg/L		Batch ID: 28848	Analysis Date: 06/01/2012 12:30						
Sample ID: 12053109-01ALFM	Run ID: IC_1_120601A		Prep Date: 06/01/2012 11:22							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	26.6	0.63	25	0	106	80	120			
Sulfate (SO4)	508	1.3	500	0	102	80	120			

Sample Matrix Spike Duplicate

Type: **LFMD** Test Code: **EPA Method 300.0**

File ID: 30	Units : mg/L		Batch ID: 28848	Analysis Date: 06/01/2012 12:48						
Sample ID: 12053109-01ALFMD	Run ID: IC_1_120601A		Prep Date: 06/01/2012 11:22							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	26.6	0.63	25	0	106	80	120	26.61	0.0(15)	
Sulfate (SO4)	511	1.3	500	0	102	80	120	508	0.6(15)	

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.



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Date:
05-Jun-12

QC Summary Report

Work Order:
12060141

Method Blank

File ID:	Type: MBLK	Test Code: SM3500-Fe B	Batch ID: W0601FR	Analysis Date: 06/01/2012 00:00						
Sample ID: MBLK-W0601FR	Units : mg/L	Run ID: WETLAB_120601A	Prep Date: 06/01/2012 00:00							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Iron, Ferrous (+2)	ND	0.05								

Laboratory Control Spike

File ID:	Type: LCS	Test Code: SM3500-Fe B	Batch ID: W0601FR	Analysis Date: 06/01/2012 00:00						
Sample ID: LCS-W0601FR	Units : mg/L	Run ID: WETLAB_120601A	Prep Date: 06/01/2012 00:00							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Iron, Ferrous (+2)	1.37	0.05	1.5		91	85	115			

Sample Matrix Spike

File ID:	Type: MS	Test Code: SM3500-Fe B	Batch ID: W0601FR	Analysis Date: 06/01/2012 00:00						
Sample ID: 12052906-03AMS	Units : mg/L	Run ID: WETLAB_120601A	Prep Date: 06/01/2012 00:00							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Iron, Ferrous (+2)	1.43	0.05	1.5		0	95	70	130		

Sample Matrix Spike Duplicate

File ID:	Type: MSD	Test Code: SM3500-Fe B	Batch ID: W0601FR	Analysis Date: 06/01/2012 00:00						
Sample ID: 12052906-03AMSD	Units : mg/L	Run ID: WETLAB_120601A	Prep Date: 06/01/2012 00:00							
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Iron, Ferrous (+2)	1.42	0.05	1.5		0	95	70	130	1.425	0.5(20)

Comments:

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Date:
07-Jun-12

QC Summary Report

Work Order:
12060141

Method Blank

Type: **MBLK** Test Code: **EPA Method 200.8**

File ID: 052912.B\017_M.D\

Batch ID: 28788

Analysis Date: 05/29/2012 15:57

Sample ID: MB-28788

Units : mg/L

Run ID: ICP/MS_120529B

Prep Date: 05/22/2012 13:32

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb), Dissolved	ND	0.005								

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method 200.8**

File ID: 052912.B\018_M.D\

Batch ID: 28788

Analysis Date: 05/29/2012 16:03

Sample ID: LCS-28788

Units : mg/L

Run ID: ICP/MS_120529B

Prep Date: 05/22/2012 13:32

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb), Dissolved	0.049	0.005	0.05		98	80	120			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method 200.8**

File ID: 052912.B\023_M.D\

Batch ID: 28788

Analysis Date: 05/29/2012 16:32

Sample ID: 12051940-01AMS

Units : mg/L

Run ID: ICP/MS_120529B

Prep Date: 05/22/2012 13:32

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb), Dissolved	0.0508	0.005	0.05		0	102	75	125		

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method 200.8**

File ID: 052912.B\024_M.D\

Batch ID: 28788

Analysis Date: 05/29/2012 16:38

Sample ID: 12051940-01AMSD

Units : mg/L

Run ID: ICP/MS_120529B

Prep Date: 05/22/2012 13:32

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb), Dissolved	0.0495	0.005	0.05		0	99	75	125	0.05083	2.7(20)

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.



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Date:
14-Jun-12

QC Summary Report

Work Order:
12060141

Method Blank

Type: **MBLK** Test Code: **EPA Method SW6020 / SW6020A**

File ID: **060412.B\081_M.D**

Batch ID: **28860**

Analysis Date: **06/05/2012 04:07**

Sample ID: **MB-28860**

Units : **mg/L**

Run ID: **ICP/MS_120605A**

Prep Date: **06/04/2012 14:35**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	ND	0.005								

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW6020 / SW6020A**

File ID: **060412.B\082_M.D**

Batch ID: **28860**

Analysis Date: **06/05/2012 04:13**

Sample ID: **LCS-28860**

Units : **mg/L**

Run ID: **ICP/MS_120605A**

Prep Date: **06/04/2012 14:35**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.267	0.005	0.25		107	80	120			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW6020 / SW6020A**

File ID: **060412.B\087_M.D**

Batch ID: **28860**

Analysis Date: **06/05/2012 04:42**

Sample ID: **12060403-01AMS**

Units : **mg/L**

Run ID: **ICP/MS_120605A**

Prep Date: **06/04/2012 14:35**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.269	0.005	0.25	0	107	75	125			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW6020 / SW6020A**

File ID: **060412.B\088_M.D**

Batch ID: **28860**

Analysis Date: **06/05/2012 04:47**

Sample ID: **12060403-01AMSD**

Units : **mg/L**

Run ID: **ICP/MS_120605A**

Prep Date: **06/04/2012 14:35**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.267	0.005	0.25	0	107	75	125	0.2687	0.8(20)	

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:
14-Jun-12

QC Summary Report

Work Order:
12060141

Method Blank

Type: **MBLK** Test Code: **Modified Method RSK-175 GC/FID**

File ID:		Batch ID: 28903	Analysis Date: 06/13/2012 07:28
Sample ID: MBLK-28903	Units : mg/L	Run ID: FID_6_120613A	Prep Date: 06/13/2012 06:24
Analyte	Result	PQL	SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDPRefVal %RPD(Limit) Qual
Methane	ND	0.01	

Laboratory Control Spike

Type: **LCS** Test Code: **Modified Method RSK-175 GC/FID**

File ID:		Batch ID: 28903	Analysis Date: 06/13/2012 07:47
Sample ID: LCS-28903	Units : mg/L	Run ID: FID_6_120613A	Prep Date: 06/13/2012 06:24
Analyte	Result	PQL	SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDPRefVal %RPD(Limit) Qual
Methane	0.494	0.01	0.452 109 70 130

Sample Matrix Spike

Type: **MS** Test Code: **Modified Method RSK-175 GC/FID**

File ID:		Batch ID: 28903	Analysis Date: 06/13/2012 10:19
Sample ID: 12060544-03AMS	Units : mg/L	Run ID: FID_6_120613A	Prep Date: 06/13/2012 10:19
Analyte	Result	PQL	SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDPRefVal %RPD(Limit) Qual
Methane	1.6	0.01	1.81 0.028 87 70 130

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **Modified Method RSK-175 GC/FID**

File ID:		Batch ID: 28903	Analysis Date: 06/13/2012 10:39
Sample ID: 12060544-03AMSD	Units : mg/L	Run ID: FID_6_120613A	Prep Date: 06/13/2012 10:39
Analyte	Result	PQL	SpkVal SpkRefVal %REC LCL(ME) UCL(ME) RPDPRefVal %RPD(Limit) Qual
Methane	1.65	0.01	1.81 0.028 89 70 130 1.602 2.8(20)

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:
06-Jun-12

QC Summary Report

Work Order:
12060141

Method Blank

Method Blank		Type: MBLK	Test Code: SM4500-S D							
File ID:		Batch ID: W0606SU	Analysis Date: 06/06/2012 00:00							
Sample ID:	MBLK-W0606SU	Units : mg/L	Run ID: WETLAB_120606B	Prep Date: 06/06/2012 00:00						
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Sulfide	ND		0.1							

Laboratory Control Spike

Laboratory Control Spike		Type: LCS	Test Code: SM4500-S D							
File ID:		Batch ID: W0606SU	Analysis Date: 06/06/2012 00:00							
Sample ID:	LCS-W0606SU	Units : mg/L	Run ID: WETLAB_120606B	Prep Date: 06/06/2012 00:00						
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Sulfide	1.03	0.1	1	103	62	142				

Sample Matrix Spike

Sample Matrix Spike		Type: MS	Test Code: SM4500-S D							
File ID:		Batch ID: W0606SU	Analysis Date: 06/06/2012 00:00							
Sample ID:	12060141-08AMS	Units : mg/L	Run ID: WETLAB_120606B	Prep Date: 06/06/2012 00:00						
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Sulfide	1.11	0.1	1	0	111	42	145			

Sample Matrix Spike Duplicate

Sample Matrix Spike Duplicate		Type: MSD	Test Code: SM4500-S D							
File ID:		Batch ID: W0606SU	Analysis Date: 06/06/2012 00:00							
Sample ID:	12060141-08AMSD	Units : mg/L	Run ID: WETLAB_120606B	Prep Date: 06/06/2012 00:00						
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Sulfide	1.1	0.1	1	0	110	42	145	1.1	0.0(20)	

Comments:

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



Alpha Analytical, Inc.

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

Date:
13-Jun-12

QC Summary Report

Work Order:
12060141

Method Blank

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

File ID: **7A05311255.D**

Batch ID: **28849SG**

Analysis Date: **06/01/2012 22:01**

Sample ID: **MBLK-28849SG**

Units : **mg/L**

Run ID: **FID_7_120601B**

Prep Date: **06/01/2012 12:18**

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	0.165		0.15		110	49	145			

Laboratory Control Spike

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

File ID: **7A05311256.D**

Batch ID: **28849SG**

Analysis Date: **06/01/2012 22:28**

Sample ID: **LCS-28849SG**

Units : **mg/L**

Run ID: **FID_7_120601B**

Prep Date: **06/01/2012 12:18**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	2.75	0.05	2.5		110	70	130			
Surr: Nonane, Silica Gel	0.152		0.15		101	49	145			

Sample Matrix Spike

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

File ID: **7A05311262.D**

Batch ID: **28849SG**

Analysis Date: **06/02/2012 01:08**

Sample ID: **12060141-06AMS**

Units : **mg/L**

Run ID: **FID_7_120601B**

Prep Date: **06/01/2012 12:18**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	2.66	0.05	2.5	0	106	53	150			
Surr: Nonane, Silica Gel	0.161		0.15		107	49	145			

Sample Matrix Spike Duplicate

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

File ID: **7A05311263.D**

Batch ID: **28849SG**

Analysis Date: **06/02/2012 01:35**

Sample ID: **12060141-06AMSD**

Units : **mg/L**

Run ID: **FID_7_120601B**

Prep Date: **06/01/2012 12:18**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	2.97	0.05	2.5	0	119	53	150	2.661	10.9(47)	
Surr: Nonane, Silica Gel	0.144		0.15		96	49	145			

Comments:

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Alpha Analytical, Inc.

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(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:
14-Jun-12

QC Summary Report

Work Order:
12060141

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8015B/C**

File ID: C:\HPCHEM\MS10\DATA\120608\12060804.D

Batch ID: **MS10W0608B**

Analysis Date: **06/08/2012 14:22**

Sample ID: **MBLK MS10W0608B**

Units: **mg/L**

Run ID: **MSD_10_120608A**

Prep Date: **06/08/2012 14:22**

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	0.0095		0.01		95	70	130			
Surr: Toluene-d8	0.0101		0.01		101	70	130			
Surr: 4-Bromofluorobenzene	0.00856		0.01		86	70	130			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8015B/C**

File ID: C:\HPCHEM\MS10\DATA\120608\12060803.D

Batch ID: **MS10W0608B**

Analysis Date: **06/08/2012 14:00**

Sample ID: **GLCS MS10W0608B**

Units: **mg/L**

Run ID: **MSD_10_120608A**

Prep Date: **06/08/2012 14:00**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	0.411	0.05	0.4		103	70	130			
Surr: 1,2-Dichloroethane-d4	0.0096		0.01		96	70	130			
Surr: Toluene-d8	0.01		0.01		100	70	130			
Surr: 4-Bromofluorobenzene	0.00935		0.01		94	70	130			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8015B/C**

File ID: C:\HPCHEM\MS10\DATA\120608\12060818.D

Batch ID: **MS10W0608B**

Analysis Date: **06/08/2012 19:52**

Sample ID: **12060643-03AGS**

Units: **mg/L**

Run ID: **MSD_10_120608A**

Prep Date: **06/08/2012 19:52**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.05	0.25	2	0	103	51	144			
Surr: 1,2-Dichloroethane-d4	0.0471		0.05		94	70	130			
Surr: Toluene-d8	0.0489		0.05		98	70	130			
Surr: 4-Bromofluorobenzene	0.0441		0.05		88	70	130			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8015B/C**

File ID: C:\HPCHEM\MS10\DATA\120608\12060819.D

Batch ID: **MS10W0608B**

Analysis Date: **06/08/2012 20:14**

Sample ID: **12060643-03AGSD**

Units: **mg/L**

Run ID: **MSD_10_120608A**

Prep Date: **06/08/2012 20:14**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.14	0.25	2	0	107	51	144	2.05	4.3(29)	
Surr: 1,2-Dichloroethane-d4	0.0476		0.05		95	70	130			
Surr: Toluene-d8	0.0496		0.05		99	70	130			
Surr: 4-Bromofluorobenzene	0.0432		0.05		86	70	130			

Comments:

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(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:
14-Jun-12

QC Summary Report

Work Order:
12060141

Method Blank

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

File ID: C:\HPCHEM\MS10\DATA\120608\12060804.D

Batch ID: **MS10W0608A**

Analysis Date: **06/08/2012 14:22**

Sample ID: **MBLK MS10W0608A**

Units: **µg/L**

Run ID: **MSD_10_120608A**

Prep Date: **06/08/2012 14:22**

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	9.5		10		95	70	130			
Surr: Toluene-d8	10.1		10		101	70	130			
Surr: 4-Bromofluorobenzene	8.56		10		86	70	130			

Laboratory Control Spike

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

File ID: C:\HPCHEM\MS10\DATA\120608\12060802.D

Batch ID: **MS10W0608A**

Analysis Date: **06/08/2012 13:38**

Sample ID: **LCS MS10W0608A**

Units: **µg/L**

Run ID: **MSD_10_120608A**

Prep Date: **06/08/2012 13:38**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	10.7	0.5	10		107	70	130			
Toluene	10.9	0.5	10		109	80	120			
Ethylbenzene	10.9	0.5	10		109	80	120			
Xylenes, Total	22	0.5	20		110	70	130			
Surr: 1,2-Dichloroethane-d4	10.6		10		106	70	130			
Surr: Toluene-d8	10.3		10		103	70	130			
Surr: 4-Bromofluorobenzene	9.1		10		91	70	130			

Sample Matrix Spike

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

File ID: C:\HPCHEM\MS10\DATA\120608\12060816.D

Batch ID: **MS10W0608A**

Analysis Date: **06/08/2012 19:09**

Sample ID: **12060643-03AMS**

Units: **µg/L**

Run ID: **MSD_10_120608A**

Prep Date: **06/08/2012 19:09**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	53.5	1.3	50	0	107	59	138			
Toluene	54.6	1.3	50	0	109	68	130			
Ethylbenzene	55.7	1.3	50	0	111	68	130			
Xylenes, Total	115	1.3	100	0	115	70	130			
Surr: 1,2-Dichloroethane-d4	53.2		50		106	70	130			
Surr: Toluene-d8	51.7		50		103	70	130			
Surr: 4-Bromofluorobenzene	45		50		90	70	130			

Sample Matrix Spike Duplicate

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

File ID: C:\HPCHEM\MS10\DATA\120608\12060817.D

Batch ID: **MS10W0608A**

Analysis Date: **06/08/2012 19:31**

Sample ID: **12060643-03AMSD**

Units: **µg/L**

Run ID: **MSD_10_120608A**

Prep Date: **06/08/2012 19:31**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	54.5	1.3	50	0	109	59	138	53.54	1.8(21)	
Toluene	56	1.3	50	0	112	68	130	54.6	2.5(20)	
Ethylbenzene	57.2	1.3	50	0	114	68	130	55.66	2.7(20)	
Xylenes, Total	117	1.3	100	0	117	70	130	114.6	2.2(20)	
Surr: 1,2-Dichloroethane-d4	53.1		50		106	70	130			
Surr: Toluene-d8	51.9		50		104	70	130			
Surr: 4-Bromofluorobenzene	44.1		50		88	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 : ALS12060141
Report Due By : 5:00 PM On : 15-Jun-12

Client:
 Antea Group
 4006 148TH AVE NE

Report Attention	Phone Number	E-Mail Address
Dawna Leong	(425) 498-7726 x	dawna.leong@anteagroup.com

EDD Required : No

Redmond, WA 98052

Sampled by : Megan MacDonald

PO :

Cooler Temp	Samples Received	Date Printed
3 °C	01-Jun-12	01-Jun-12

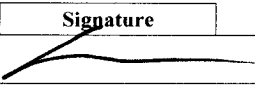
Client's COC # : 59380

Job : KMHI

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	300_0_W	3500FE_20 S_W	METALS_A Q	METALS_D S	METHANE_W	SULFIDE_W	TPH/E_SG_W	TPHP_W	
ALS12060141-01A	MW-21	AQ	05/31/12 09:00	15	0	10	NO3, SO4	FE+2			CH4	Sulfide	NWTPH-Dx Silica Gel	NWTPH-Gx	
ALS12060141-02A	MW-8	AQ	05/31/12 09:20	6	0	10			Pb				NWTPH-Dx Silica Gel	NWTPH-Gx	1 HCL VOA received broken
ALS12060141-03A	MW-9	AQ	05/31/12 09:40	13	0	10	NO3, SO4	FE+2	Pb		CH4	Sulfide		NWTPH-Gx	
ALS12060141-04A	MW-7	AQ	05/31/12 10:00	14	0	10	NO3, SO4	FE+2	Pb	Pb	CH4	Sulfide		NWTPH-Gx	
ALS12060141-05A	MW-19	AQ	05/31/12 10:40	10	0	10	NO3, SO4	FE+2			CH4	Sulfide		NWTPH-Gx	2 HCL VOAs received broken. 3 HCL VOAs labeled MW-21, logged in by matching sample time.
ALS12060141-06A	MW-5	AQ	05/31/12 11:00	7	0	10			Pb				NWTPH-Dx Silica Gel	NWTPH-Gx	
ALS12060141-07A	MW-14	AQ	05/31/12 11:20	12	0	10	NO3, SO4	FE+2			CH4	Sulfide		NWTPH-Gx	
ALS12060141-08A	MW-6	AQ	05/31/12 13:20	13	0	10	NO3, SO4	FE+2	Pb		CH4	Sulfide		NWTPH-Gx	

Comments: Security seals intact. Frozen ice. Total Xylenes. VOC's=Ca limits. :

Signature	Print Name	Company	Date/Time
	Sarah Den	Alpha Analytical, Inc.	6/11/12 1030

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 :

CHAIN-OF-CUSTODY RECORD

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

WA

WorkOrder : ALS12060141
Report Due By : 5:00 PM On : 15-Jun-12

Client:
 Antea Group
 4006 148TH AVE NE

Report Attention	Phone Number	E-Mail Address
Dawna Leong	(425) 498-7726 x	dawna.leong@anteagroup.com

EDD Required : No

Redmond, WA 98052

Sampled by : Megan MacDonald

PO :

Cooler Temp	Samples Received	Date Printed
3 °C	01-Jun-12	01-Jun-12

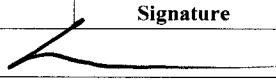
Client's COC # : 59380

Job : KMHI

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

Alpha Sample ID	Client Sample ID	Collection Matrix	Date	No. of Bottles			Requested Tests								Sample Remarks		
				Alpha	Sub	TAT	voc_w										
ALS12060141-01A	MW-21	AQ	05/31/12 09:00	15	0	10	BTXE_C										
ALS12060141-02A	MW-8	AQ	05/31/12 09:20	6	0	10	BTXE_C										I HCL VOA received broken
ALS12060141-03A	MW-9	AQ	05/31/12 09:40	13	0	10	BTXE_C										
ALS12060141-04A	MW-7	AQ	05/31/12 10:00	14	0	10	BTXE_C										
ALS12060141-05A	MW-19	AQ	05/31/12 10:40	10	0	10	BTXE_C										2 HCL VOAs received broken. 3 HCL VOAs labeled MW-21, logged in by matching sample time.
ALS12060141-06A	MW-5	AQ	05/31/12 11:00	7	0	10	BTXE_C										
ALS12060141-07A	MW-14	AQ	05/31/12 11:20	12	0	10	BTXE_C										
ALS12060141-08A	MW-6	AQ	05/31/12 13:20	13	0	10	BTXE_C										

Comments: Security seals intact. Frozen ice. Total Xylenes. VOC's=Ca limits. :

Signature	Print Name	Company	Date/Time
	Sarah Neri	Alpha Analytical, Inc.	6/11/12 1030

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 146th Ave NE
 City, State, Zip Redmond, WA 98052
 Phone Number 206-854-0349 Fax 425-869-1842



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

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

Consultant / Client Name <u>same as above</u>				Job # <u>KMHI</u>			Job Name			Analyses Required BTEX NuTPH-GX NuTPH-DX w/silica Nitrate, Sulfate, 5-Field Methyle, Pentas Iron Total Pb Dissolved Pb						Data Validation Level: III or IV			
Address				Report Attention / Project Manager			Name: <u>Dawna Leong</u>									EDD / EDF? YES <input type="checkbox"/> NO <input type="checkbox"/>			
City, State, Zip				Email: <u>dawna.leong@anteagroup.com</u>			Phone: <u>425-498-7714</u>			Mobile: <u>206-854-0349</u>			Global ID #						
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number	Office (Use Only)	Sample Description	TAT	Field Filtered	# Containers**	REMARKS									
9:00	5-31-12	AQ		ALS12060141	-01A	MW-21	Stand.	N	15	X	X	X	X						
9:20					02A	MW-8			7	X	X	X	X						
9:40					03A	MW-9			13	X	X	X	X						
10:05					04A	MW-7			14	X	X	X	X						
10:40					05A	MW-19			12	X	X	X	X						
11:00					06A	MW-5			7	X	X	X	X						
11:20					07A	MW-14			12	X	X	X	X						
13:20					08A	MW-6			13	X	X	X	X						

ADDITIONAL INSTRUCTIONS:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled By: Megan Macdonald To Fed 67

Relinquished by: (Signature/Affiliation) <u>MJM - Antea</u>	Received by: (Signature/Affiliation)	Date: <u>5-31-12</u>	Time: <u>16:00</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation) <u>[Signature] Alpha</u>	Date: <u>6/11/12</u>	Time: <u>0940</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.



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 : 06/02/12

Job: KMHI/ Kinder Morgan- Harbor Island

Metals by ICPMS
EPA Method SW6020 / SW6020A

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-07R				
Lab ID : ALS12060401-01A Lead (Pb)	ND	0.0050 mg/L	06/06/12	06/06/12
Date Sampled 06/01/12 09:20				
Client ID: MW-12R				
Lab ID : ALS12060401-02A Lead (Pb)	ND	0.0050 mg/L	06/06/12	06/06/12
Date Sampled 06/01/12 09:40				
Client ID: SH-02R				
Lab ID : ALS12060401-04A Lead (Pb)	ND	0.0050 mg/L	06/06/12	06/06/12
Date Sampled 06/01/12 10:20				
Client ID: MW-1				
Lab ID : ALS12060401-05A Lead (Pb)	ND	0.0050 mg/L	06/06/12	06/06/12
Date Sampled 06/01/12 10:40				
Client ID: A-14R				
Lab ID : ALS12060401-06A Lead (Pb)	ND	0.0050 mg/L	06/06/12	06/06/12
Date Sampled 06/01/12 11:00				
Client ID: MW-25				
Lab ID : ALS12060401-08A Lead (Pb)	ND	0.0050 mg/L	06/06/12	06/06/12
Date Sampled 06/01/12 11:40				

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.

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6/15/12

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
Job: KMHI/ Kinder Morgan- Harbor Island

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

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: MW-07R					
Lab ID:	ALS12060401-01A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/04/12
Date Sampled	06/01/12 09:20	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
		TPH-P (GRO)	ND	0.25 mg/L	06/08/12
Client ID: MW-12R					
Lab ID:	ALS12060401-02A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/04/12
Date Sampled	06/01/12 09:40	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
		TPH-P (GRO)	ND	0.25 mg/L	06/08/12
Client ID: MW-4					
Lab ID:	ALS12060401-03A	TPH-E (DRO), Silica Gel	2.0	0.25 mg/L	06/04/12
Date Sampled	06/01/12 10:00	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
		TPH-P (GRO)	ND	0.50 mg/L	06/08/12
Client ID: SH-02R					
Lab ID:	ALS12060401-04A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/04/12
Date Sampled	06/01/12 10:20	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
		TPH-P (GRO)	ND	0.25 mg/L	06/08/12
Client ID: MW-1					
Lab ID:	ALS12060401-05A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/04/12
Date Sampled	06/01/12 10:40	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
		TPH-P (GRO)	ND	0.25 mg/L	06/08/12
Client ID: A-14R					
Lab ID:	ALS12060401-06A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/04/12
Date Sampled	06/01/12 11:00	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
		TPH-P (GRO)	ND	0.25 mg/L	06/08/12
Client ID: A-10					
Lab ID:	ALS12060401-07A	TPH-E (DRO), Silica Gel	0.62	0.25 mg/L	06/04/12
Date Sampled	06/01/12 11:20	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
		TPH-P (GRO)	ND	0.25 mg/L	06/08/12
Client ID: MW-25					
Lab ID:	ALS12060401-08A	TPH-E (DRO), Silica Gel	ND	0.25 mg/L	06/04/12
Date Sampled	06/01/12 11:40	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
		TPH-P (GRO)	ND	0.25 mg/L	06/08/12
Client ID: A-8					
Lab ID:	ALS12060401-09A	TPH-E (DRO), Silica Gel	0.90	0.25 mg/L	06/04/12
Date Sampled	06/01/12 12:00	TPH-E (ORO), Silica Gel	ND	0.50 mg/L	06/04/12
		TPH-P (GRO)	ND	0.50 mg/L	06/08/12
Client ID: A-5					
Lab ID:	ALS12060401-10A	TPH-P (GRO)	ND	0.25 mg/L	06/12/12
Date Sampled	06/01/12 12:20				



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Client ID : **DUP**
Lab ID : ALS12060401-11A TPH-P (GRO) ND 0.25 mg/L 06/08/12 06/08/12
Date Sampled 06/01/12 00:00

Diesel Range Organics (DRO) C13-C22

Gasoline Range Organics (GRO) C4-C13

O = Reporting Limits were increased due to sample foaming.

Oil Range Organics (ORO) C22-C40+

ND = Not Detected

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6/15/12

Report Date



Alpha Analytical, Inc.

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ANALYTICAL REPORT

Antea Group
4006 148TH AVE NE
Redmond, WA 98052

Attn: Dawna Leong
Phone: (425) 498-7726
Fax: (425) 869-1892
Date Received : 06/02/12

Job: KMHI/ Kinder Morgan- Harbor Island

Volatile Organic Compounds (VOCs) EPA Method SW8260B

	Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : MW-07R					
Lab ID : ALS12060401-01A	Benzene	ND	0.50 µg/L	06/08/12	06/08/12
Date Sampled 06/01/12 09:20	Toluene	ND	0.50 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND	0.50 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND	0.50 µg/L	06/08/12	06/08/12
Client ID : MW-12R					
Lab ID : ALS12060401-02A	Benzene	ND O	1.0 µg/L	06/08/12	06/08/12
Date Sampled 06/01/12 09:40	Toluene	ND O	1.0 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND O	1.0 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND O	1.0 µg/L	06/08/12	06/08/12
Client ID : MW-4					
Lab ID : ALS12060401-03A	Benzene	ND O	2.5 µg/L	06/08/12	06/08/12
Date Sampled 06/01/12 10:00	Toluene	ND O	2.5 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND O	2.5 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND O	2.5 µg/L	06/08/12	06/08/12
Client ID : SH-02R					
Lab ID : ALS12060401-04A	Benzene	ND	0.50 µg/L	06/08/12	06/08/12
Date Sampled 06/01/12 10:20	Toluene	ND	0.50 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND	0.50 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND	0.50 µg/L	06/08/12	06/08/12
Client ID : MW-1					
Lab ID : ALS12060401-05A	Benzene	ND	0.50 µg/L	06/08/12	06/08/12
Date Sampled 06/01/12 10:40	Toluene	ND	0.50 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND	0.50 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND	0.50 µg/L	06/08/12	06/08/12
Client ID : A-14R					
Lab ID : ALS12060401-06A	Benzene	ND	0.50 µg/L	06/08/12	06/08/12
Date Sampled 06/01/12 11:00	Toluene	ND	0.50 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND	0.50 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND	0.50 µg/L	06/08/12	06/08/12
Client ID : A-10					
Lab ID : ALS12060401-07A	Benzene	ND	0.50 µg/L	06/08/12	06/08/12
Date Sampled 06/01/12 11:20	Toluene	ND	0.50 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND	0.50 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND	0.50 µg/L	06/08/12	06/08/12
Client ID : MW-25					
Lab ID : ALS12060401-08A	Benzene	1.1	1.0 µg/L	06/08/12	06/08/12
Date Sampled 06/01/12 11:40	Toluene	ND O	1.0 µg/L	06/08/12	06/08/12
	Ethylbenzene	ND O	1.0 µg/L	06/08/12	06/08/12
	Xylenes, Total	ND O	1.0 µg/L	06/08/12	06/08/12



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Client ID : **A-8**

Lab ID :	ALS12060401-09A	Benzene	ND	O	2.5 µg/L	06/08/12	06/08/12
Date Sampled	06/01/12 12:00	Toluene	ND	O	2.5 µg/L	06/08/12	06/08/12
		Ethylbenzene	ND	O	2.5 µg/L	06/08/12	06/08/12
		Xylenes, Total	ND	O	2.5 µg/L	06/08/12	06/08/12

Client ID : **A-5**

Lab ID :	ALS12060401-10A	Benzene		11	1.0 µg/L	06/12/12	06/12/12
Date Sampled	06/01/12 12:20	Toluene	ND	O	1.0 µg/L	06/12/12	06/12/12
		Ethylbenzene	ND	O	1.0 µg/L	06/12/12	06/12/12
		Xylenes, Total		1.0	1.0 µg/L	06/12/12	06/12/12

Client ID : **DUP**

Lab ID :	ALS12060401-11A	Benzene		12	1.0 µg/L	06/08/12	06/08/12
Date Sampled	06/01/12 00:00	Toluene	ND	O	1.0 µg/L	06/08/12	06/08/12
		Ethylbenzene	ND	O	1.0 µg/L	06/08/12	06/08/12
		Xylenes, Total	ND	O	1.0 µg/L	06/08/12	06/08/12

O = Reporting Limits were increased due to sample foaming.

ND = Not Detected

Roger Scholl

Randy Gardner

Walter Hinchman

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PS
6/15/12

Report Date



Alpha Analytical, Inc.

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Date:
14-Jun-12

QC Summary Report

Work Order:
12060401

Method Blank

File ID: 060612.B\081_M.D\

Sample ID: MB-28872

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	ND	0.005								

Type: MBLK Test Code: EPA Method SW6020 / SW6020A

Batch ID: 28872

Analysis Date: 06/06/2012 22:02

Run ID: ICP/MS_120606A

Prep Date: 06/06/2012 15:58

Laboratory Control Spike

File ID: 061112.B\017_M2.D\

Sample ID: LCS-28872

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.27	0.005	0.25		108	80	120			

Type: LCS Test Code: EPA Method SW6020 / SW6020A

Batch ID: 28872

Analysis Date: 06/11/2012 17:10

Run ID: ICP/MS_120606A

Prep Date: 06/06/2012 15:58

Sample Matrix Spike

File ID: 060612.B\087_M.D\

Sample ID: 12060643-01AMS

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.259	0.005	0.25	0	104	75	125			

Type: MS Test Code: EPA Method SW6020 / SW6020A

Batch ID: 28872

Analysis Date: 06/06/2012 22:37

Run ID: ICP/MS_120606A

Prep Date: 06/06/2012 15:58

Sample Matrix Spike Duplicate

File ID: 060612.B\088_M.D\

Sample ID: 12060643-01AMSD

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Lead (Pb)	0.284	0.005	0.25	0	114	75	125	0.259	9.3(20)	

Type: MSD Test Code: EPA Method SW6020 / SW6020A

Batch ID: 28872

Analysis Date: 06/06/2012 22:42

Run ID: ICP/MS_120606A

Prep Date: 06/06/2012 15:58

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.



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Date:

14-Jun-12

QC Summary Report

Work Order:

12060401

Method Blank

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

File ID: **1A05301283.D**

Batch ID: **28859SG**

Analysis Date: **06/04/2012 13:14**

Sample ID: **MBLK-28859SG**

Units : **mg/L**

Run ID: **FID_1_120604B**

Prep Date: **06/04/2012 12:53**

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	0.17		0.15		113	49	145			

Laboratory Control Spike

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

File ID: **1A05301284.D**

Batch ID: **28859SG**

Analysis Date: **06/04/2012 13:38**

Sample ID: **LCS-28859SG**

Units : **mg/L**

Run ID: **FID_1_120604B**

Prep Date: **06/04/2012 12:53**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	2.37	0.05	2.5		95	70	130			
Surr: Nonane, Silica Gel	0.176		0.15		117	49	145			

Sample Matrix Spike

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

File ID: **1A05301295.D**

Batch ID: **28859SG**

Analysis Date: **06/04/2012 18:44**

Sample ID: **12060401-09AMS**

Units : **mg/L**

Run ID: **FID_1_120604B**

Prep Date: **06/04/2012 12:53**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	3.34	0.05	2.5	0.902	97	53	150			
Surr: Nonane, Silica Gel	0.15		0.15		100	49	145			

Sample Matrix Spike Duplicate

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

File ID: **1A05301296.D**

Batch ID: **28859SG**

Analysis Date: **06/04/2012 19:10**

Sample ID: **12060401-09AMSD**

Units : **mg/L**

Run ID: **FID_1_120604B**

Prep Date: **06/04/2012 12:53**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO), Silica Gel	4.05	0.05	2.5	0.902	126	53	150	3.335	19.3(47)	
Surr: Nonane, Silica Gel	0.151		0.15		101	49	145			

Comments:

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Date:
14-Jun-12

QC Summary Report

Work Order:
12060401

Method Blank

File ID: 12060804.D

Sample ID: MBLK MS08W0608B

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	0.00836		0.01		84	70	130			
Surr: Toluene-d8	0.0112		0.01		112	70	130			
Surr: 4-Bromofluorobenzene	0.00798		0.01		80	70	130			

Laboratory Control Spike

File ID: 12060803.D

Sample ID: GLCS MS08W0608B

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	0.398	0.05	0.4		99	70	130			
Surr: 1,2-Dichloroethane-d4	0.00818		0.01		82	70	130			
Surr: Toluene-d8	0.01		0.01		100	70	130			
Surr: 4-Bromofluorobenzene	0.0103		0.01		103	70	130			

Sample Matrix Spike

File ID: 12060812.D

Sample ID: 12060401-01AGS

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.12	0.25	2	0	106	51	144			
Surr: 1,2-Dichloroethane-d4	0.0415		0.05		83	70	130			
Surr: Toluene-d8	0.05		0.05		100	70	130			
Surr: 4-Bromofluorobenzene	0.0496		0.05		99	70	130			

Sample Matrix Spike Duplicate

File ID: 12060813.D

Sample ID: 12060401-01AGSD

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1.97	0.25	2	0	99	51	144	2.121	7.3(29)	
Surr: 1,2-Dichloroethane-d4	0.0408		0.05		82	70	130			
Surr: Toluene-d8	0.0502		0.05		100	70	130			
Surr: 4-Bromofluorobenzene	0.0515		0.05		103	70	130			

Comments:

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(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:

14-Jun-12

QC Summary Report

Work Order:

12060401

Method Blank

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

File ID: **12060804.D**

Batch ID: **MS08W0608A**

Analysis Date: **06/08/2012 14:01**

Sample ID: **MBLK MS08W0608A**

Units: **µg/L**

Run ID: **MSD_08_120608A**

Prep Date: **06/08/2012 14:01**

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	8.36		10		84	70	130			
Surr: Toluene-d8	11.2		10		112	70	130			
Surr: 4-Bromofluorobenzene	7.98		10		80	70	130			

Laboratory Control Spike

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

File ID: **12060802.D**

Batch ID: **MS08W0608A**

Analysis Date: **06/08/2012 13:14**

Sample ID: **LCS MS08W0608A**

Units: **µg/L**

Run ID: **MSD_08_120608A**

Prep Date: **06/08/2012 13:14**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	9.24	0.5	10		92	70	130			
Toluene	8.96	0.5	10		90	80	120			
Ethylbenzene	9.95	0.5	10		100	80	120			
Xylenes, Total	21.2	0.5	20		106	70	130			
Surr: 1,2-Dichloroethane-d4	9.11		10		91	70	130			
Surr: Toluene-d8	9.15		10		92	70	130			
Surr: 4-Bromofluorobenzene	10.1		10		101	70	130			

Sample Matrix Spike

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

File ID: **12060810.D**

Batch ID: **MS08W0608A**

Analysis Date: **06/08/2012 16:57**

Sample ID: **12060401-01AMS**

Units: **µg/L**

Run ID: **MSD_08_120608A**

Prep Date: **06/08/2012 16:57**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	52	1.3	50	0	104	59	138			
Toluene	51.2	1.3	50	0	102	68	130			
Ethylbenzene	57.4	1.3	50	0	115	68	130			
Xylenes, Total	122	1.3	100	0	122	70	130			
Surr: 1,2-Dichloroethane-d4	46.6		50		93	70	130			
Surr: Toluene-d8	46.5		50		93	70	130			
Surr: 4-Bromofluorobenzene	51.2		50		102	70	130			

Sample Matrix Spike Duplicate

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

File ID: **12060811.D**

Batch ID: **MS08W0608A**

Analysis Date: **06/08/2012 17:21**

Sample ID: **12060401-01AMSD**

Units: **µg/L**

Run ID: **MSD_08_120608A**

Prep Date: **06/08/2012 17:21**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzene	51.6	1.3	50	0	103	59	138	52.01	0.8(21)	
Toluene	50.1	1.3	50	0	100	68	130	51.16	2.1(20)	
Ethylbenzene	56.9	1.3	50	0	114	68	130	57.41	0.9(20)	
Xylenes, Total	122	1.3	100	0	122	70	130	122.3	0.4(20)	
Surr: 1,2-Dichloroethane-d4	45.4		50		91	70	130			
Surr: Toluene-d8	45		50		90	70	130			
Surr: 4-Bromofluorobenzene	52.5		50		105	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

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

WA

WorkOrder : ALS12060401
Report Due By : 5:00 PM On : 18-Jun-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 MacDonald

PO :
 Client's COC # : 59379 Job : KMHI/ Kinder Morgan- Harbor Island

Cooler Temp	Samples Received	Date Printed
3 °C	02-Jun-12	04-Jun-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	METALS_A Q	TPH/E SG W	TPH/P_W		VOC_W
ALS12060401-01A	MW-07R	AQ	06/01/12 09:20	7	0	10	Pb	NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C	
ALS12060401-02A	MW-12R	AQ	06/01/12 09:40	6	0	10	Pb	NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C	1 VOA received broken.
ALS12060401-03A	MW-4	AQ	06/01/12 10:00	6	0	10		NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C	
ALS12060401-04A	SH-02R	AQ	06/01/12 10:20	7	0	10	Pb	NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C	
ALS12060401-05A	MW-1	AQ	06/01/12 10:40	7	0	10	Pb	NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C	
ALS12060401-06A	A-14R	AQ	06/01/12 11:00	7	0	10	Pb	NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C	
ALS12060401-07A	A-10	AQ	06/01/12 11:20	6	0	10		NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C	
ALS12060401-08A	MW-25	AQ	06/01/12 11:40	7	0	10	Pb	NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C	
ALS12060401-09A	A-8	AQ	06/01/12 12:00	6	0	10		NWTPH-Dx Silica Gel	NWTPH-Gx	BTXE_C	
ALS12060401-10A	A-5	AQ	06/01/12 12:20	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. VOC's=Ca limits. :

Signature	Print Name	Company	Date/Time
<i>Sara Coffe</i>	Sara Coffe	Alpha Analytical, Inc.	6/4/12 10:06

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.
 Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

CHAIN-OF-CUSTODY RECORD

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

WA

WorkOrder : ALS12060401
Report Due By : 5:00 PM On : 18-Jun-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 MacDonald

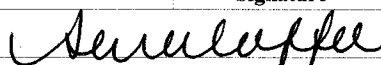
PO :
 Client's COC # : 59379 Job : KMHI/ Kinder Morgan- Harbor Island

Cooler Temp	Samples Received	Date Printed
3 °C	02-Jun-12	04-Jun-12

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

Alpha Sample ID	Client Sample ID	Collection Matrix	No. of Bottles Alpha Sub TAT	Requested Tests				Sample Remarks
				METALS_A Q	TPH/E_SG_W	TPH/P_W	VOC_W	
ALS12060401-11A	DUP	AQ	06/01/12 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. VOC's=Ca limits. :

Signature	Print Name	Company	Date/Time
	Sara Woffe	Alpha Analytical, Inc.	6/4/12 10:06

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Billing Information:

Company Name Antea Group
 Attn: Dawna Leong
 Address: 4006 149th Ave NE
Redmond, WA 98052
 Phone Number 425-498-7111 Fax 425-869-1892



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

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

Consultant / Client Name Same as above Job # KMHI Job Name Kindor Morgan - Harbor Island
 Address _____ Report Attention / Project Manager
 Name: Dawna Leong
 Email: dawna.leong@anteagroup.com
 Phone: 425-498-7111 Mobile: 206-854-6399

Analyses Required				Data Validation Level: III or IV											
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number	Office (Use Only)	Sample Description	TAT	Field Filtered	# Containers**	BTEX	NW-TM-GW	arsenic g/d	NW TPH-DX	Total Pb	REMARKS
9:26	6-1-12	AQ		ALS1A060401-01A		MW-07R	Stand.	N	7	X	X	X	X		
9:48				-02A		MW-12R			7	X	X	X	X		
10:00				-03A		MW-4			6	X	X	X	X		
10:26				-04A		SH-02R			7	X	X	X	X		
10:40				-05A		MW-1			7	X	X	X	X		
11:00				-06A		A-14R			7	X	X	X	X		
11:20				-07A		A-10			6	X	X	X	X		
11:46				-08A		MW-25			7	X	X	X	X		
12:00				-09A		A-8			6	X	X	X	X		
12:20				-10A		A-5			6	X	X	X	X		
-				-11A		DUP			6	X	X	X	X		

ADDITIONAL INSTRUCTIONS:

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

Relinquished by: (Signature/Affiliation) MML - Antea Received by: (Signature/Affiliation) _____ Date: 6-1-12 Time: 13:30

Relinquished by: (Signature/Affiliation) _____ Received by: (Signature/Affiliation) Sue Scheppe / alpha Date: 6/4/12 Time: 8:00

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
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